### we cover the waterfront - WORLDWIDE



www.jabsco.com



rule www.rule-industries.com

ITT Corporation, 1 Kondelin Road, Cape Ann Industrial Park,

Gloucester, MA 01930

Tel: +1 978 281 0440 Fax: +1 978 283 2619

Jabsco, 666 E Dyer Road, Santa Ana, CA 92705 Tel: +1 714 557 4700 Fax: +1 714 628 8478 USA

ITT Industries, Bingley Road, Hoddesdon, Hertfordshire EN11 OBU Tel: +44 (0) 1992 450 145 Fax: +44 (0) 1992 467 132

Cleghorn Waring & Co (Pumps) Ltd, Icknield Way, Letchworth Garden City, Hertfordshire SG6 1EZ Tel: +44 (0) 1462 480380 Fax: +44 (0) 1462 482422 UK

NHK Jabsco Co Ltd, 3-21-10, Shin-Yokohama, Kohoku-ku, Yokohama 222

Tel: +81 (0) 45 475 8906 Fax: +81 (0) 45 475 8908 Japan

Jabsco GmbH, Oststraße 28, 22844 Norderstedt Tel: +49 (0) 40 53 53 73 0

Fax: +49 (0) 40 53 53 73 11

Germany

Jabsco Marine Italia S.r.I., Via Tommaseo, 6, 20059 Vimercate, Milano Tel: +39 039 6852323

Fax: +39 039 666307

Italy

Jabsco Marine, 32/F Tower A, Hongqiao City Centre of Shanghai 100 Zunyi Road, Shanghai 200051

Tel: (86) 21 2208 2888 Fax: (86) 21 2208 2999 China



### Jabsco Worldwide

Jabsco has served the world's marine market for well over half a century, that is ever since we invented the flexible impeller pump in the 1930's. Today Jabsco is part of ITT Corporation, Inc. (NYSE: ITT), the world's premier and largest producer of pumps, systems and services to move and control fluids, with

global sales of \$11.7 billion.

### Rule

Rule is a global leader in submersible bilge pumps for the recreational and small commercial boat markets and a leading provider of accessory products such as ventilation blowers. Rule joined ITT's Marine & Leisure family of companies in 1998 guaranteeing the accelerated development and introduction of innovative and reliable products.

### **Facilities**

We serve the marine market from the USA, UK, China, and Mexico - as well as from our own regional sales and distribution facilities in Norderstedt, Germany, Yokohama, Japan, Milan, Italy and Letchworth, UK.

### Commitment

The driving force at every Jabsco and Rule location is an integrated policy of quality, innovative product development and customer service, and each plant's dedication to this quality policy is reflected in the award of the internationally recognised ISO 9001, 14001 and 18001 certification.

### Distribution network

Jabsco and Rule have a global network of Appointed Marine Distributors selected for their commitment to meeting customer needs. Find their details on our website or at the back of this guide. We direct all Consumer and Trade requests for sales and aftersales service to our Appointed Distributors in the confidence that whether you are a Retailer, a Dealer, a Marine Engineer, a Boatyard or a Boatowner, you will receive the very best advice and support.

### **Products**

Our constantly evolving and expanding product range is specified by many of the world's best known marine engine manufacturers and boatbuilders, both leisure and commercial. From marine engine cooling to bilge to

deckwash to fuel transfer to water pressure pumps, from toilets to blowers to searchlights, we cover the waterfront worldwide.



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New Products

### **New Products**

### **Lite Flush**

This new electric toilet has been designed to instantly retro-fit your existing manual toilet or to give your bathroom a modern stylish look.

- Innovative new design.
- Lightweight and compact.
- Stylish and contemporary design.
- NEW quiet and efficient flush pump technology.
- Low water and power usage.
- Integral rinse and waste pump system.
- Slow close seat and lid.
- Available with foot switch or control panel.

SEE PAGE 09



### **Deluxe Flush Range**

This range of luxury toilets is now complete with the addition of the new 14" electric toilet and the new 17" bidet.

- Virtually silent operation.
- Minimal water usage.
- Angled or vertical back.
- New electronic touch pad controller designed to adapt to standard Gewiss and Vimar switch
- Space saving stylish design.



### **Digital Holding Tank Management Systems**

The easy to install new digital holding tank management system offers a full range if user convenient features to monitor and evacuate waste.

- Automatic alert when tank starts to reach full.
- Sleep mode.
- Empty function.
- Accurate level readings which allows for the motion of the boat.

SEE PAGE 17

### **New Products**







- Sealed beam "flood" provides a very even beam pattern with no hot spots.
- Clean edge cut-offs prevent stray lighting.
- 12 volt, 50 watt tungsten halogen bulb with 450 hour average life.
- Small footprint design.
- Tough, white U.V. stable housing will not "yellow".
- Weatherproof mounting gasket for leak-free installation.





### 233 SL Dual Beam Searchlight

Innovative by design, the new 233 SL has a clean, modern look with a multitude of new features.

- 200,000 Candlepower
- Continuous 360 degree range.
- Wireless control allowing up to 4 control stations.
- Quick release bayonet base.
- Spot and flood.
- Fast and slow speeds.
- Auto sweep function.

SEE PAGE 87



### **18220-1127 (Yellow Impeller)**

The choice of motor boat builders for ski and wakeboard ballast systems.

- Unique impeller compound.
- Handles debris.
- Reversible
- 8 gpm (32 lpm) flow.
- Easy service.

SEE PAGE 31



### **DIY Oil Changer**

Fully assembled easy to use oil change system, ideal for boat owners.

- 12 Volt pump and power leads supplied.
- Fixed lid prevents tipping.
- Teflon dipstick hose supplied.

SEE PAGE 68



03

**New Products** 

# JABSCO JABSCO



### **Magnetic Drive Circulation Pumps**

Highly engineered long life brushless DC centrifugal pumps for

- Variable speed.
- Seal-less pump heads.
- Quiet operation.

SEE PAGE 76

### 5 Chamber Washdown

This new high pressure Washdown pump system will provide many years of reliable service. The Powerful spray makes cleaning your boat or dock faster and easier than ever!

- High pressure/high capacity.
- Suitable for use with salt water.
- Long life sealed motor.
- Dry running capability.
- Corrosion resistant.



SEE PAGE 31



### **Water Pressure System**

This new Par-max Series 7.0 GPM Water Pressure Pump is designed to service up to seven outlets with smooth flow and hassle-free operation.

- 7.0 gpm (26.5 lpm) Open Flow Rate.
- Up to 60 psi (4.1 bar).
- Self-Priming / Runs Dry.
- Silent Operation.
- Low Amp Draw.

SEE PAGE 29



### 3.0 Washdown Pump Kit

The NEW 3.0 GPM Washdown kit offers a powerful 50 PSI (3.4 bar) switch for quick cleaning of your vessel and a fully sealed motor to withstand harsh marine environments.

- Snap fit fittings for easy installation.
- Includes Pumpgard strainer.
- Low amp draw.



# **Rule Mate**

### Fully Automated Bilge Pumps. No Float Switch Required.

The NEW eco-friendly Rule Mate series of Bilge pumps feature a solid state water sensing technology that eliminates the need for a separate float

When water enters the bilge and reaches a certain height (2-3/4 inches, 70mm), a sensor turns the pump on. After the water is pumped out, another sensor shuts the pump off.

The sensor's unique "field effect" technology is eco-friendly because they only sense the dielectric constant of water. In the event of an onboard oil spill, straight motor oil that enters the bilge will not turn the pump on. The result is the most technically advanced and eco-friendly bilde pump available in the marketplace. It's part of Rule's continuing commitment to preserving our navigable

The new Rule Mates are available in 500, 750 and 1100 GPH (1893, 2839 and 4164 LPH) models. Rule has been building bilge pumps for 30-years. The pumps are preferred by yachtsmen and commercial fishermen the world over.



- All-in-one pump & switch No float switch required.
- Pump turns on when water level rises & shuts off when water is removed.
- Will not pump oil Straight motor oil that enters the bilge will not turn the pump on.
- Snap-off strainer for easy cleaning.
- Anti-Fouling Impeller.
- Limited three year warranty.

SEE PAGE 36



### Charge N' Flow

### A Fully Submersible and Rechargeable Portable Pump Kit.

The award winning new Charge N' Flow pump is rechargeable, submersible, and is designed for a wide variety of applications, both onboard and

The versatility of the pump along with multiple power options makes it the ideal pump to keep on hand for any situation. Plus, with battery power and two convenient power options, it works

The kit comes complete with a 12 volt 280 GPH (1060 LPH) pump, eight feet (2.4m) of lay flat hose, spray nozzle, enclosed battery, 110v ac battery charger, battery clip adapter and a vehicle power adapter. It also includes a filter for use in submersible mode or when the filter is removed,

The Charge n' Flow pump is very compact, only 5.5 inches (140mm) tall and 1.5 inches.

(38mm) in diameter, and can handle up to 100 gallons of water (379 L) on a single battery charge. When connected to a car battery, it can pump endless amounts of water!

### Features and Benefits:

- Pumps fresh water, sea water, diesel and anti-freeze.
- Diesel refuelling and transfer.
- Pumps 100 gallons (379 L) per charge.
- All components are enclosed in a convenient carrying case.
- Three power options included rechargeable battery, car battery clip adapter and vehicle power adapter

Currently only available in US voltage-Worldwide models to be launched soon.

SEE PAGE 42





An Introduction to Pumps

### Introduction



### Flexible Impeller

### **Good Pumping Practice:**

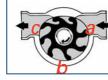
Pipe runs should always be kept as short and straight as possible. Plumbing should always be reinforced, non-collapsible hose of the recommended size. Electric pumps should always be installed in a dry, well ventilated position as close to the liquid to be pumped as possible.

Flexible impeller pumps must not be run dry. Bilge pumps and water pumps in particular should always be fitted with a filter or strainer on the inlet plumbing to protect them from debris. These should be fastened to the boat structure to ensure their permanent location. Mount flexible impeller pumps so that some water is left in the pump body when the pump is shut off. This will prolong impeller life and speed priming. Pumps must be installed with the overboard discharge well above the waterline (both static and heeled) to avoid water siphoning

### Features:

- Versatile: The flexible impeller pump combines the priming features of positive displacement type pumps with the general transfer ability of centrifugals. It will pump either thin or viscous liquids and can handle more solids in suspension than other types of rotary pumps. The pump can be mounted at any angle and will pump in either direction with equal efficiency.
- Self-Priming: Pumps instantly with dry suction lifts up to 10ft (3m) and up to 25ft (8m) when
- Simplicity: One moving part a tough, long-life, wear-resistant flexible impeller.
- Flexibility: The flexible impeller pump offers both high flow and high pressure according to motor and impeller design.

### How it works:



- **a.** Flexible impeller blades create a nearly perfect vacuum for instant self-priming.
- **D.** As the impeller rotates, each successive blade draws in liquid and carries it from intake to outlet port.
- C. As the flexible impeller blades contact the offset cam they bend with a squeezing action that provides a continuous, uniform flow.

### Centrifugal

### **Good Pumping Practice:**

Pipe runs should be kept as short and straight as possible, avoiding rising and dipping over obstructions as this can cause air-locks. Always use hose of the recommended size. Submersible bilge pumps must be installed with the overboard discharge well above the waterline (both static and heeled) to avoid water siphoning back into the vessel.

### Features:

- High Volume Flow: Centrifugal pumps handle high volumes with a smooth, non-pulsating flow. The flow rate can be regulated from maximum output to no flow with no damage to the pump. An excellent pump for general transfer applications.
- Low Maintenance: Few moving parts mean that wear due to operation is minimal.
- Easy Installation: Compact size for flow rate. Option of port positions simplifies pipe runs.
- Versatility: Centrifugal pumps can be built in submersible form making excellent bilge pumps.
- Low Power Consumption: Electric centrifugal pumps consume less power than most other

### How it works:



- **a.** Centrifugal pumps must be either initially primed or mounted in such a way that liquid is permanently available at the inlet port (eg. submersible pumps).
- **D.** The rotating impeller gives velocity energy to the liquid moving it to the periphery of the volute casing and towards the discharge port.
- **C.** The volute casing discharge arrangement converts velocity energy into static pressure or available pump head.

### WARNING



No pump manufactured by Jabsco should be used for gasoline, petroleum products or any fluid with a flash point below 100°F (38°C).

### Introduction





### **Sliding Vane**

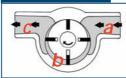
### **Good Pumping Practice:**

Pipe runs should be kept as short and straight as possible, avoiding rising and dipping over obstructions as this can cause air-locks. Always use hose of the recommended size and of a rigid or reinforced type that will not collapse under suction conditions. Electric pumps should always be installed in a dry, well ventilated, position as close as possible to the liquid to be pumped.

### Features:

- *Durable:* Heavy duty construction in quality materials gives long life. The body is designed to resist environmental damage. The vanes and rotor are constructed of a wear resistant long life
- Self-priming: Self-priming up to 13ft (4m).
- Simplicity: There are few moving parts to replace. The rotor, vanes and seal are lubricated by
- Versatile: An excellent compact unit for pumping diesel fuel or hydraulic oil. Can run in either direction

### How it works:



- a. The vanes create a partial vacuum for priming.
- C. When the vanes contact the eccentric portion of the pump body, they force liquid out the discharge port.
- **b.** As the rotor rotates, each successive vane draws and carries liquid from the intake to the discharge port.



### **Diaphragm**

### **Good Pumping Practice:**

Electric pumps should always be installed in a dry, well ventilated position as close as possible to the liquid to be pumped. Plumbing should always be reinforced, non collapsible hose of the recommended size. Bilge pumps and water pumps in particular should always be fitted with a filter and strainer on the inlet plumbing to protect them from debris. These should be fastened to the boat structure to ensure their permanent location. Pumps must be installed with the overboard discharge well above the waterline (both static and heeled) to avoid water siphoning back into the vessel. Electric diaphragm pumps can be run dry for up to 2 hours.

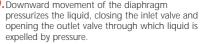
### Features:

- Self-priming: Vertical lift up to 16ft (5m) for manual pumps and 6–10ft (2–3m) for electric
- Dry Running: Diaphragm pumps can be run dry for extended periods with no damage, erefore requiring less attention in use
- Versatility: Self-priming and dry running capabilities mean few limitations on use. Larger manual diaphragm pumps have the ability to handle some solids in suspension. Electric diaphragm pumps make excellent bilge pumps for boats with shallow bilges, or bilges with
- Quiet Running: Electric pumps feature smooth flow and low noise levels.

### How it works:



- **a.** The diaphragm, pulled upwards by the movements of a piston or a handle causes a partial vacuum, opening the inlet port and closing the outlet, drawing in liquid.
- D. Downward movement of the diaphragm expelled by pressure.



Far and away the most widely used marine toilets are manually operated. Our 29090/29120 series have been the most popular type worldwide over the last ten

**years.** We have now improved them even further with stronger materials, new styling and new features that make them even easier to service and maintain. With modern design and materials manual toilets are easy to install and service, simple and clean to use and offer exceptional value for money. Remember there are two bowl sizes to choose from, and normally even the smallest boats have enough space for the comfort of a full sized bowl (29120 series) for just a little extra cost.

Our luxury range of Lite Flush, Quiet Flush and Deluxe Flush electric toilets feature low noise levels, so sleeping quests will not be disturbed when the toilet is used! There

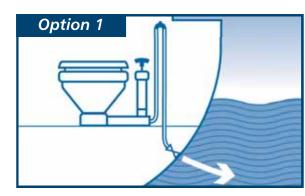
are options of either flushing with fresh water from the boats own supply or with salt, river or lake water from outside the boat. Lite Flush toilets have an integral rinse and waste pump system encased in a stylish housing. DF and DS Series toilets have domestic style bowls with all pump components hidden from view. Quiet Flush Toilets have the pump at the rear of a narrow base and so can be installed in more narrow spaces. Three way controls allow water level to be increased or decreased.

Ouiet Flush Conversion kits allow owners of 37010 and many other types of electric or manual toilets to upgrade to full Quiet Flush specification. All our electric toilets use surprisingly little power, and are simple to operate for newcomer and experienced crews alike.

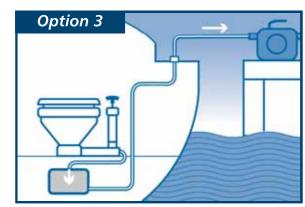
Manual toilets can be upgraded to electric by the Lite Flush Electric Toilet. The NEW Lite Flush has been designed to instantly retrofit your existing manual toilet with the same footprint, fixing points and hose attachments as the Jabsco manual toilet.

All our toilets can be used on inland waterways, rivers, lakes or the sea, and can be installed above or below the waterline. However, attention must be paid to installation instructions for safety and installations must meet with local regulations concerning overboard discharge. All our toilets are designed to discharge overboard or into holding tanks as necessary.

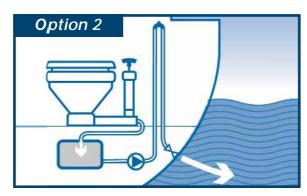
We at Jabsco all understand the importance of keeping the environment clean and free from waste. However it is unfortunate that there is no internationally accepted legislation to guide us on how to deal with the waste from our toilet systems For this reason Jabsco have produced this guide which details the four most common ways of dealing with toilet waste. It is important to note that your choice of system may be governed by your own national and local rules and regulations.



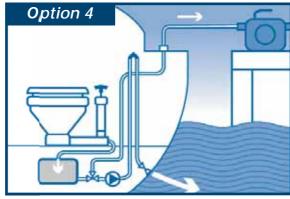
Discharge waste through a Y-valve directly into a non-restricted area or to a holding tank when within the three mile limit using the toilet's own pump and an anti-syphon loop.



Collect waste in an on-board holding tank for discharge later to a Shore Station using a dockside suction pump or portable utility pump.



Collect waste in an on-board holding tank so that it can be discharged later when you are in un-restricted waters using an electric or manual pump.



A combination of Option 2 and 3 to give you the flexibility of discharging waste wherever most convenient and without risk to the environment

### **Lite Flush Electric Toilet**

A NEW Electric Toilet designed to instantly retro-fit your existing manual toilet or, to give your bathroom a modern, stylish look.

The Lite Flush is Jabsco's new stylish low power consuming electric toilet, designed specifically to replace an existing Jabsco manual toilet. The installation is quick and straight forward due to the same footprint, fixing points and hose attachments as the Jabsco manual toilet.

The compact and lightweight design with its ceramic bowl and plastic outer casing makes it very easy to clean. It is fitted with a new quiet and efficient flush pump which has large clearances to help prevent blockages.

Lite Flush toilets are available with either a foot switch (left or right fitting) or the wall mounted control panel currently used on the Deluxe Flush Range

- Lightweight and compact.
- Stylish and contemporary design.
- Slow close seat and lid.
- Integral rinse and waste pump system.
- Low water usage 1.2 litres (1.3 US Quarts)
- Low power consumption.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

For service and spare parts listing see page 211.

### Lite Flush with Foot Switch

58500-00XX Series are supplied with a simple to use, one press foot switch. Simply press once to fill the bowl, bowl can be left wet or dry, and press again to flush.

Fitting: Connections for 3/4" (19mm) ID inlet hose and 1½" (38mm) outlet hose.

14¾" (37cm) high x 15¾" (40cm) wide x 15¾" (40cm) deep.

Weight:: 24lb (11kg).

**58500-0012** Foot switch, 12 volt DC,

fuse 25 amp.

**58500-0024** Foot switch, 24 volt DC,

### Lite Flush with Control Panel

58500-10XX Series are supplied with a new multi-function "one touch" wall mounted control panel, which also adapts to standard Gewiss and Vimar fascia panels.

Fitting: Connections for 3/4" (19mm) ID inlet hose and 11/2" (38mm) outlet hose.

14¾" (37cm) high x 15¾" (40cm) wide x 153/4" (40cm) deep.

Weight:: 24lb (11kg).

**58500-1012** Control panel, 12 volt DC,

fuse 25 amp.

**58500-1024** Control panel, 24 volt DC,

fuse 15 amp.





### Deluxe Flush Electric Toilets



### Deluxe Flush Electric Toilets





### **Deluxe Flush Range**

The Deluxe Flush range is Jabsco's newest offering to the top of the range electric toilet market. This range is now complete with the new 14" and existing 17" electric toilets and the new 17" bidet.

### **Deluxe Flush Range of Electric Toilets**

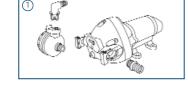
The stylish and extremely compact design is carefully contoured to conceal the flush pump, wiring and plumbing, whilst still featuring a full-size household seat.

Both 14" and 17" electric toilets are offered in a choice of a slant back or a straight back. The slant back version gives a minimal footprint and makes it easy to mount against a sloping surface or in a corner. The straight back version allows snug fitting against a vertical bulkhead.

The toilets feature a NEW multifunctional 'one touch' control pad which adapts to standard Gewiss and Vimar switch fascias.

- 1) 582X0 Series are supplied with a remote mounted self-priming pump to bring in sea, river or lake water to rinse. Complete with Pumpgard™ strainer.
- 2 580X0 Series are supplied with a solenoid valve and syphon breaker assembly for connection to any existing pressurised water system capable of delivering 2.9 US apm (11 lpm) or more. The syphon breaker ensures there is no backflow from the toilet into the water system.
  - High vitreous china bowl
  - No 'dirt traps' for maximum hygiene and easy cleaning
  - Complies with USCG 183.410 and ISO 8846 MARINE (Ignition protection)

Anti-blocking centrifugal flush For service and spare parts listing see page 208-210.





### Deluxe Flush 14" Slant Back **Electric Toilets**

■ Virtually silent operation for

Choice of four rinse options for

minimum water usage 1.5 US

■ Fresh or salt water flush options

comfort on board

Quarts (1.5 litres)

Fittina: Connections for 34" (19mm) ID inlet hose and 1½" (38mm) outlet hose.

14<sup>3</sup>/8" (36cm) high x 14½" (37cm) wide x 17<sup>5</sup>/8" (45cm) deep.

Weight: 58060 Series - 53lb (24kg). 58260 Series - 57lb (26kg).

58060-1012 14" Slanted Back Bowl with Solenoid Valve

12 volt DC, fuse 25 amp. 58060-1024 14" Slanted Back Bowl with Solenoid Valve 24 volt DC, fuse 15 amp.

58260-1012 14" Slanted Back Bowl with Intake Pump 12 volt DC, fuse 25 amp.

58260-1024 14" Slanted Back Bowl with Intake Pump 24 volt DC.

fuse 15 amp.



Slant Back

# **Electric Toilets**

Fitting: Connections for 3/4" (19mm) ID inlet hose and 11/2" (38mm) outlet hose.

17<sup>1</sup>/<sub>4</sub>" high x 14<sup>1</sup>/<sub>2</sub>" wide x 17<sup>1</sup>/<sub>2</sub>" deep (44.0cm x 37.0cm x 44.5cm)

Weight: 58020 Series - 62lb (28kg). 58220 Series - 67lb (30kg).

58020-1012 17" Slanted Back Bowl with

58020-1024 17" Slanted Back Bowl with Solenoid Valve

Intake Pump 12 volt DC,

58220-1024 17" Slanted Back Bowl with

fuse 15 amp.



Straight Back

**Deluxe Flush 14" Straight Back Electric Toilets** 

Fitting: Connections for 3/4" (19mm) ID inlet hose and 11/2" (38mm) outlet hose.

14<sup>3</sup>/8" (36cm) high x 14½" (37cm) wide x 17<sup>5</sup>/<sub>8</sub>" (45cm) deep.

Weight: 58080 Series - 55lb (25kg). 58280 Series - 60lb (27kg)

**58080-1012** 14" Straight Back Bowl with Solenoid Valve

12 volt DC, fuse 25 amp. **58080-1024** 14" Straight Back Bowl with Solenoid Valve

24 volt DC, fuse 15 amp. **58080-1012** 14" Straight Back Bowl

with Intake Pump 12 volt DC, fuse 25 amp.

**58080-1024** 14" Straight Back Bowl with Intake Pump

24 volt DC, fuse 15 amp.



### **Deluxe Flush 17" Straight Back Electric Toilets**

Fitting: Connections for 3/4" (19mm ID inlet hose and 11/2" (38mm) outlet hose.

17<sup>1</sup>/<sub>4</sub>" high x 14<sup>1</sup>/<sub>2</sub>" wide x 17<sup>1</sup>/<sub>2</sub>" deep (44.0cm x 37.0cm x 44.5cm).

Weight: 58040 Series - 69lb (31kg). 58240 Series - 64lb (29kg)

**58040-1012** 17" Straight Back Bowl

with Solenoid Valve 12 volt DC, fuse 25 amp. **58040-1024** 17" Straight Back Bowl

with Solenoid Valve 24 volt DC, fuse 15 amp

**58240-1012** 17" Straight Back Bowl with Intake Pump 12 volt DC, fuse 25 amp.

**58240-1024** 17" Straight Back Bowl

with Intake Pump 24 volt DC, fuse 15 amp



### **Deluxe Flush Bidet**

Jabsco's new Deluxe Flush Bidet completes the range and is the perfect match to the 14" and 17" electric toilets.

■ Discreet side mounted mixer valve.

■ Closable waste outlet.

 Crevice free contours for added cleanliness and hygiene.

■ All plumbing concealed.

Fitting: Inlet - connections for 1/2" (13mm) BSP Outlet - standard 11/2" (38mm) waste outlet to be connected to water trap.

15¾" (40cm) high x 14½" (37cm) wide x 175/8" (45cm) deep.

Weight: 48lb (18kg).

**58090-1000** Bidet, straight back.



# **Deluxe Flush 17" Slant Back**

Solenoid Valve 12 volt DC, fuse 25 amp.

24 volt DC, fuse 15 amp. 58220-1012 17" Slanted Back Bowl with

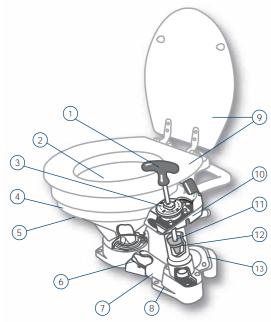
fuse 25 amp.

Intake Pump 24 volt DC,



### Manual Toilets



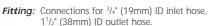


### Twist 'n' Lock Manual Toilets

Jabsco is the world's largest manufacturer of small craft marine toilet systems and we have applied all our experience into our latest manual toilet refining the design that is used by nearly all boatbuilders worldwide.

For extra safety and peace of mind the intuitive, simple to use, Twist 'n' Lock action handle guards against syphonic flooding and waste backflow. With one easy 90° turn of the handle, the lock is applied. Turning the handle back to the natural operating position opens the

- 1) Twist 'n' Lock safety handle and flush control lever.
- 2) Powerful swirl action for efficient flushing.
- (3) Full sized external seal housing allows quick clean seal replacement and instant access to pump cylinder.
- (4) Hygienic pure white vitreous china bowl for ease of cleaning.
- (5) Full size regular bowl or compact bowls available.
- (6) Constant 11/2" (38mm) bore wastepipe.
- (7) Crevice free contours and smooth mouldings for added hygiene.
- (8) Reversible pump mounting for choice of right or left handled
- 9 Stylised luxury wooden seat and cover with tough baked enamel
- (10) Automatic vacuum breaker for easier pumping.
- (1) Powerful self-priming pump for above or below waterline
- (2) Angled pump housing and long stroke for ease of operation.
- (13) Multi-angled discharge elbow contributes to ease of installation.
- All fastenings face front or top for ease of maintenance.
- Flexible design for both overboard discharge and holding tanks.
- Corrosion resistant materials throughout for reliable fresh or salt water service.



Regular: 18<sup>1</sup>/<sub>2</sub>" wide x 19" deep x 13<sup>3</sup>/<sub>4</sub>" high (47cm x 48cm x 35cm).

Compact: 173/4" wide x 16" deep x 131/2" high

(45cm x 41cm x 34cm).

Weight: Regular: 23<sup>1</sup>/<sub>2</sub>lb (11.6kg). Compact 20<sup>1</sup>/<sub>2</sub>lb (9.3kg).

**29120-3000** Regular bowl size. **29090-3000** Compact bowl size

29045-3000 Service Kit.

29127-1000 Replacement Regular Seat and Lid. 29097-1000 Replacement Compact Seat and Lid.

For service and spare parts listing see page 167.

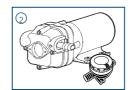
### Quiet Flush Electric Toilets



37045-Series









### **Quiet Flush Electric Toilets**

Quiet Flush Toilets are a variation of the well proven and popular 37010 Series Electric Toilet. Designed to radically reduce noise levels, Quiet Flush Toilets make life on board more comfortable for all crew members, even those sleeping!

Two versions are available, either for connection to the vessels existing pressurized water system or supplied with a remote mounted pump to use salt, river or lake water to flush.

- 1 Three way control panel allows the operator to select a normal flush and drain cycle or to lower or raise the water level
- 2 37245 Series are supplied with a remote mounted quiet running flush pump to bring in sea, river or lake water for flushing. Complete with Pumpgard™
- 3) 37045 Series are supplied with a solenoid valve and syphon breaker assembly for connection to any existing pressurized water pump with a flow rate of 3.5 gpm (13.5 lpm) or more. The syphon breaker prevents back flow from the toilet to the water
- May be mounted up to 3ft (1m) below the water line with proper plumbing to prevent flooding.
- Both models feature a powerful macerator discharge pump that breaks up waste and evacuates the toilet.
- Both models are supplied complete with 6ft (2m) of white hose to neatly connect the inlet bowl fitting to either the solenoid valve/syphon breaker assembly or inlet pump.
- Available in regular or compact bowl sizes.
- Hygienic, pure white vitreous china bowl for
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection)

Fitting: Connections for 3/4" (19mm) ID inlet hose and 1" (25mm) discharge hose. (Adaptor included for connection to 1<sup>1</sup>/<sub>2</sub>" (8mm) discharge hose.)

JABSCO®

Compact Bowl: 13<sup>3</sup>/<sub>4</sub>" high x 14" wide x 17<sup>1</sup>/<sub>2</sub>" deep (35cm x 35cm x 45cm). Regular Bowl: 14<sup>1</sup>/<sub>2</sub>" high x 14<sup>1</sup>/<sub>2</sub>" wide x 19<sup>3</sup>/<sub>4</sub>" deep (37cm x 37cm x 50cm).

Weight: 37045 Compact: 34lb (15.4kg). 37045 Regular: 38lb (17.3kg). 37245 Compact: 38lb (17.2kg) 37245 Regular: 42lb (19.1kg).

37045-0092 Compact size, 12 volt DC

model, fuse 25 amp **37045-0094** Compact size, 24 volt DC model, fuse 15 amp. **37045-1092** Regular size, 12 volt DC model, fuse 25 amp. **37045-1094** Regular size, 24 volt DC model, fuse 15 amp. **37245-0092** Compact size, 12 volt DC

model, fuse 25 amp. 37245-0094 Compact size, 24 volt DC model, fuse 15 amp 37245-1092 Regular size, 12 volt DC model, fuse 25 amp.

37245-1094 Regular size, 24 volt DC model, fuse 15 amp. 29127-1000 Replacement Regular Seat

and Lid 29097-1000 Replacement Compact Seat and Lid

**90197-0000** Service Kit, Seal & O-Rings 30617-1000 Service Kit, Flush Pump -37245 series only.

For service and spare parts listing



37055-Series



37255-Series

### **Quiet Flush Electric Kits**

Build your own Quiet Flush Toilet using existing Jabsco 37010 Series Toilets or any Manual or Electric toilet bowl with bolt fixing on a 33/4" (95mm) diameter circle, to upgrade to Quiet Flush operation. The same options are available as the complete toilet for fresh or salt water flush.

1) Three way control panel allows the operator to select a normal flush and drain cycle or to lower or raise the water level.

2 37255 Series are supplied with a remote mounted quiet running flush pump for use with salt, river or lake water. Complete with Pumpgard™ strainer.

3) 37055 Series are supplied with a solenoid valve and syphon breaker assembly for connection to any existing pressurized pump of 3.5 gpm (13.5 lpm) or more.

■ Comprehensive kit has all necessary components, except bowl, seat and lid.

■ Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for 3/4" (19mm) ID inlet hose and 1" (25mm) discharge hose. (Adaptor included for connection to 1<sup>1</sup>/<sub>2</sub>" (38mm) discharge hose.)

12" long x 81/4" wide x 31/4" high (32cmx 21cm x 8cm) Weiaht: 37055 Series: 12<sup>1</sup>/<sub>2</sub>lb (5.7kg)

37255 Series: 161/2lb (7.5kg)

**37055-0092** 12 volt DC model, fuse 25

**37055-0094** 24 volt DC model, fuse 15

**37255-0092** 12 volt DC model, fuse 25 **37255-0094** 24 volt DC model, fuse 15

**90197-0000** Service Kit, Seal & Gaskets

For service and spare parts listing -see page 206.



### Flectric Toilets & Kits



### **Electric Toilets**

Household size bowl complements the luxury of electric flushing with choice of compact bowl where space is at a premium.

- Hygienic pure white vitreous china bowl for ease of cleaning.
- Stylized luxury wooden seat and cover with tough baked enamel coating.
- Stainless steel and bronze fastenings for reliable salt water service. ■ Flushing pump self-priming up to 4ft (1.2m)
- vertical lift
- May be mounted 3ft (1m) below the
- Equally suitable for overboard or holding tank discharge.
- Built-in back flow preventer.
- For installations fitted with vented loops use a solenoid valve (see below).
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for  $\frac{5}{8}$ "- $\frac{3}{4}$ " (16-19mm) ID inlet hose. 1" or 11/2" (25mm or 38mm) ID outlet hose.

Compact: 137/8" wide x 175/8" deep x 14" high (35cm x 43cm x 35cm). Regular: 143/4" wide x 181/2" deep x

 $14^{5}/8$ " high (38cm x 47cm x 37cm). Weight: Compact: 34lb (15.4kg). Regular: 38<sup>1</sup>/<sub>2</sub>lb (17.3kg)

37010-0090 Compact size 12 volt DC model, fuse 25 amp.

37010-0096 Compact size 24 volt DC model, fuse 15 amp.

37010-1090 Regular size 12 volt DC model, fuse 25 amp.

**37010-1096** Regular size 24 volt DC model, fuse 15 amp.

29127-1000 Replacement Regular Seat and Lid.

29097-1000 Replacement Compact Seat and Lid. **37040-0000** Service Kit, Seals & O-Rings.

For service and spare parts listing see page 206.

### **Electric Kits**

Convert our Manual Toilet Compact and Regular bowl models to full electric operation without need to alter existing inlet or discharge seacocks.

- Also converts most toilets with 4 bolt screw pattern on a 3<sup>3</sup>/<sub>4</sub>" (95mm) diameter bolt circle such as Groco, Raritan, Wilcox Crittenden, Mansfield and Sealand.
- Push button flushing for ease and simplicity of operation.
- Comprehensive kit has all necessary parts, including flushing pump, macerator pump, switch, adaptors, clamps, hose and
- Flushing pump self-priming up to 4ft (1.2m)
- May be installed 3ft (1m) below the waterline.

- For installations fitted with vented loops use a solenoid valve on inlet hose (see below)
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for 5/8" - 3/4" (16-19mm) ID inlet hose, 1" or 11/2" (25 or 38mm)

131/4" long x 81/4" wide x 31/4" high (34cm x 21cm x 8cm).

Weight: 121/2 lb (5.7 kg).

**37010-0092** 12 volt DC model, fuse 25 amp.

37010-0097 24 volt DC model. fuse 15 amp.

37040-0000 Service Kit. Seal and Gaskets.

For service and spare parts listing see page 206.



### Solenoid Valve for **37010-Series Electric Toilets**

Where 37010 Series Electric Toilets are installed below the waterline we recommend installing a loop on the inlet plumbing rising at least 8" (20cm) above the highest (static or heeled) waterline level, and installing a vented loop fitting at the top of the loop to stop water syphon over the loop and flooding the

The suction generated by 37010 Series electric toilets will open the valve in vented loops, drawing in air and preventing priming. The

37068-2000 Solenoid Valve attaches directly to Jabsco Vented Loops and is wired to the toilet's on/off switch. It closes whenever the toilet pump is operated and ensures full pump priming

37068-2000 Solenoid valve for use with 12 or 24 volt DC

For use with:

29015-0000 3/4" (19mm) Vented Loop (see

Recommended accessory 29295-1011 3/4" (19mm) Inlet Return Valve (see page 12).

### Electric Conversion



### electric toilets both affordable and practical. Boatbuilders find it easier to offer the option of electric or manual toilets to their customers. Boat owners appreciate modern design and the safety of a unit that can be

This design makes installation of

**Electric Conversion for Manual Toilets** 

reconverted to manual operation inside fifteen minutes in the event of a power failure. Boatbuilder and Boat owners benefit from a conversion kit that makes use of existing manual toilet plumbing.

- Complete for 29090/29120 Series, compact and regular bowl, left or right hand manual toilets.
- A range of adaptors replace the conversions standard macerator housing to allow attachments to a wide variety of manufacturers' manual toilets. See list of adaptors.
- Simple rotary control knob offers choice of "Flush and Discharge" or "Discharge Only"
- Existing discharge plumbing remains undisturbed for ease of installation
- Miserly power consumption, typically less than the equivalent of 1.0 amp/hour each day.
- Vigorous 5 gpm (20 lpm) flush rate for rapid flushing, typically less than 10 seconds.
- Crevice free contours for added hygiene.
- Two powerful self-priming pumps for above or below waterline installation.
- Dual role design macerates waste for both overboard discharge and holdings tanks.
- Automatic inlet water checkvalve for additional
- Corrosion resistant materials throughout for reliable fresh or salt water service.

- Manual pump may be refitted to maintain service in the event of power failure.
- Strong, abrasion resistant plastic moldings for consistent color match and high gloss finish.

JABSCO®

- Retains existing joker valve to maintain automatic back-flow protection.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for 3/4" (19mm) ID inlet hose and for existing discharge elbow and outlet hose.

10<sup>1</sup>/<sub>2</sub>" high x 3<sup>1</sup>/<sub>2</sub>" wide x 6" deep (27cm x 9cm x 15cm).

Weight: 71/2lb (3.3kg).

**29200-0120** Toilet conversion, 12 volt DC, fuse 25 amp. 29200-0240 Toilet conversion,

24 volt DC, fuse 15 amp. 29101-0000 Service Kit, Seals and Gaskets.



### \*Requires minor repositioning of discharge hose For service and spare parts listing see page 204



### **Vented Loops**

An essential safety component on all inlet and discharge plumbing of toilets installed below the static or heeled

- Simple valve system ensures water cannot syphon over plumbing loops.
- Available in three sizes for 1½" (38mm). 1" (25mm) and 3/4" (19mm) ID hose.
- Internal valve avoids need for external venting. ■ Molded in tough, corrosion proof plastic.
- Fitting: Connections for 11/2" (38mm), 1" (25mm) and 3/4" (19mm) ID hose.

11/2" (38mm) model: 5" high x 71/4" wide x 2" deep (12.5cm x 18.5cm x 5cm).

1" (25mm) model: 5" high x 71/2" wide x 13/4" deep (12.5cm x 19cm x 4.5cm) 3/4" (19mm) model: 3" high x 33/4 wide x 1" deep (7.5cm x 9.5 x 2.5cm)

Weight: 11/2" (38mm) model: 1/2lb (0.2kg) 1" (25mm) model: 1/4lb (0.13kg) 34" (19mm) model: 1½oz (0.04kg)

**29015-0000** <sup>3</sup>/<sub>4</sub>" (19mm) model. 29015-0020 1" (25mm) model. 29015-0010 1<sup>1</sup>/<sub>2</sub>" (38mm) model. 29015-1000 Replacement Valve.



### **Inlet Non-return Valve**

A check valve gives quicker and easier flushing response on many manual and 37010-Series electric toilet

- For use with manual and electric toilets using sea water flush
- Simply fit in inlet suction hose, near seacock but just above waterline
- Prevents loss of prime in above waterline

■ Retains water in bowl of 37010-Series electric toilets installed above waterline

Fitting: Connections for 3/4" (19mm) ID hose. Size: 4<sup>1</sup>/<sub>4</sub>" long x 2<sup>1</sup>/<sub>8</sub>" wide x 2" high

(10.8cm x 5.5cm x 5cm). Weight: 1/4lb (0.1kg).

**29295-1011** Inlet Non-Return Valve.

### Macerator & Waste Pumps

# **Waste Pump**

Robust diaphragm pump passes solids and is particularly effective in emptying holding tanks. The multipositional pump head offers a variety of installation options.

- 5 gpm (19 lpm) output.
- Self-priming up to 10ft (3m).
- Capable of extensive dry running. Compact and simple design.
- Quiet running.
- Flexible installation.
- Corrosion resistant parts.

■ Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

■ ISO 8849 MARINE (Bilge Pump Standard). Fitting: Connections for 11/2" (38mm) ID hose. 10.9" long x 6.1" wide x 4.4" high

(27.7cm x 15.5cm x 11.1cm).

Weight: 6lb (2.7kg).

SK890

**50890-1000** 12 volt DC model, fuse 10 amp. **50890-1100** 24 volt DC model, fuse 5 amp.

Service Kit

For service and spare parts listing see page 189.



### **Run-Dry Macerator Waste Pump**

The latest version of the Macerator Pump now has a fully sealed motor and a new more powerful chopper blade. The sealed motor consists of o-ring sealed endbells, sealed bearings and a hard durable powder coating to prevent corrosion occurring both internally and externally. A new fourbladed chopper has been added to further reduce the possibility of clogging. The pump still has the Run-Dry feature present in previous models.

- Triple sealed motor to prevent both internal
- and external motor corrosion. New four-bladed chopper reduces clogging.
- Detects the absence of fluid then shuts-off pump before impeller is damaged.
- Sensor provides adequate run-dry period to allow initial priming of the pump.

- Interrupting power supply to the macerator resets the Run-Dry Device.
- Flow rate to 12 gpm (45 lpm).
- Self-priming to 4ft (1.2m) vertical lift.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Inlet Port: 11/2" (38mm) Hose Barb plus 11/2" NPT. Inlet Port, RV Model: 3" (75mm) Hose Discharge Port:

1" (25mm) Hose Barb. 11<sup>3</sup>/<sub>8</sub>" long x 4<sup>3</sup>/<sub>4</sub>" wide x 3<sup>5</sup>/<sub>8</sub>" high (29cm x 12cm x 9cm).

RV model is only 81/4" (21cm) long.

5lb (2.3kg).

**18590-2092** 12 volt DC Pump, Marine model. **18590-2094** 24 volt DC Pump, Marine model.

For service and spare parts listing see page 212.



### **AC Macerator Pump**

The AC Macerator is similar to the DC models. It is ideal for heavy-duty commercial applications where mains power is available.

- Flow rate to 14 gpm (53 lpm).
- Thermal-overload protected motor.
- Includes convenient carrying handle.
- Self priming to 4ft (1.2m).

Fitting: Inlet Port: 11/2" (38mm) Hose Barb plus 1<sup>1</sup>/<sub>2</sub>" NPT. Discharge Port: 1" Hose Barb.

Size: 14<sup>7</sup>/<sub>8</sub>" long x 7<sup>1</sup>/<sub>4</sub>" wide x 8" high.

Weight:

18690-Series 19lb

22130-Series 24lb (10.7kg).

Suitable for North America.

**18690-0000** 115V AC Marine model.\*

Suitable for Europe.

22130-2721 110/230V 50/50Hz Marine\*.

For service and spare parts listing see page 212.

\*Products marked do not comply with European legislation.

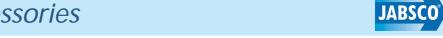


### WARNING

### Explosion hazard.

Pumps with AC motors can spark. Explosion and death can occur. Do not use where flammable vapors are present.

### Tanks & Accessories





### **Toilet Pumpgard™**

The Pumpgard™ protects manual or electric toilets from pump malfunctions caused by debris.

- Simply installed in <sup>3</sup>/<sub>4</sub>" (19mm) ID inlet hose.
- Transparent housing allows instant inspection.
- Screw off top allows quick in place cleaning and removal of debris.

Fitting: Connections for 3/4" (19mm) ID hose.

Size: 4<sup>3</sup>/<sub>4</sub>" long x 2<sup>3</sup>/<sub>4</sub>" wide x 2<sup>1</sup>/<sub>2</sub>" high (12cm x 7cm x 6cm).

46400-0000 Toilet Pumpgard™.

**18753-0040** Replacement 40# Mesh Filter.

### **Digital Holding Tank Management System**



The new digital holding tank management systems are NEW additions to Jabsco's waste system portfolio. Building no the success of the Waste Management System Jabsco have launched the sensing technology and the pump control system as a stand alone kit making it easy for an OEM to use these kits on their current tank vendors product or for an End User to install on an existing tank. All the same features and benefits of the waste management system are still present in these stand alone kits and are listed below; the kits come in 12v or 24v and can be supplied without a pump, with a macerator pump or the Jabsco Waste Diaphragm Pump.

- External sensors for fast and accurate level sensing eliminating the possibility of clogging.
- Touch Pad control includes pump activation control with auto shut off - the activation feature has 3 second delay to avoid accidental
- Illuminated level indication showing 8 level increments to full.
- Unit can be put into sleep mode so illuminated LED's do not create a disturbance

### Sensor, Display and Control System (pump not included).

Kit Contains:

- Touch Pad Display with Pump Control and Level Indication.
- 8 x Sensor Array
- System Junction Box with plug and play waterproof connections.

Sensor, Display and Control System with 18590 Macerator Pump included.

Kit Contains:

- All components from 38210-Series Kit
- 18590-Series Macerator Pump

Sensor, Display and Control System with 50890 Wste Pump included.

- All components from 38210-Series Kit
- 50890-Series Waste Diaphragm Pump.

- 15ft (4.5m) Control Panel Cable with waterproof connector included
- Pump Cable with waterproof connector included

**Size:** 12 x 6.5 x 3 inches.

Weight: 5lbs.

**38210-0012** 12 volt DC. **38210-0024** 24 volt DC.

Size: 13.75 x 9.75 x 7 inches.

Weight: 11lbs.

**38220-0012** 12 volt DC. **38220-0024** 24 volt DC.

Size: 14 x 9.75 x 8 inches.

Weight: 12lbs.

**38230-0012** 12 volt DC. **38230-0024** 24 volt DC.

### Tanks & Accessories



### **Waste Management System**

Jabsco's NEW Type 3 Waste Management System provides an easy-to-install, all-inclusive solution consisting of a compact polyethylene holding tank and an integral Run-Dry Macerator Pump. The system has a touch-pad control panel to monitor waste levels and when required the user can activate the macerator pump to evacuate waste.

■ External linear sensor for fast and accurate level sensing.

■ Rugged 7.5 gallon (38 liter) polyethylene holding tank.

■ Integral Run-Dry Macerator Waste Pump mounted on the tank.

■ Touch-pad includes macerator activation control with auto shut-off - the activation feature has 3 second delay to avoid accidental operation.

■ Illuminated level indication showing 8 level increments to full.

■ Unit can be put into Sleep mode so illuminated LED's do not create a disturbance.

Fitting: Inlet port 1<sup>1</sup>/<sub>2</sub>" (38mm) hose barb. Dockside evacuation port: 1<sup>1</sup>/<sub>2</sub>" (38mm) hose barb.

Vent connection: 3/4" (19mm) hose barb.

Weight: 24lb (11kg).

Size: 14" long x 18" deep x 12" high (36cm x 47cm x 31cm).

**38110-0092** 12 volt DC Pump, fuse 16

**38110-0094** 24 volt DC Pump, fuse 8 amp.



Padlock NOT included



Robust Y-Valve for use in toilet applications. Allows waste to be pumped overboard or into a holding

■ Rotating ports allow for variable routing of hoses onto the valve.

■ Can be operated through bulkhead by use of optional handle extension.

■ Can be padlocked so that waste can only go to the holding tank to comply with some local regulations (padlock not included).

■ Waste and corrosion resistant construction throughout.

Fitting: Connections for both 11/2" (38mm) ports and 1" (25mm) inlet port.

7<sup>5</sup>/<sub>8</sub>" long x 7<sup>1</sup>/<sub>4</sub>" wide x 4<sup>5</sup>/<sub>8</sub>" high (20cm x 19cm x 12cm).

Weight: 2lb (0.9kg).

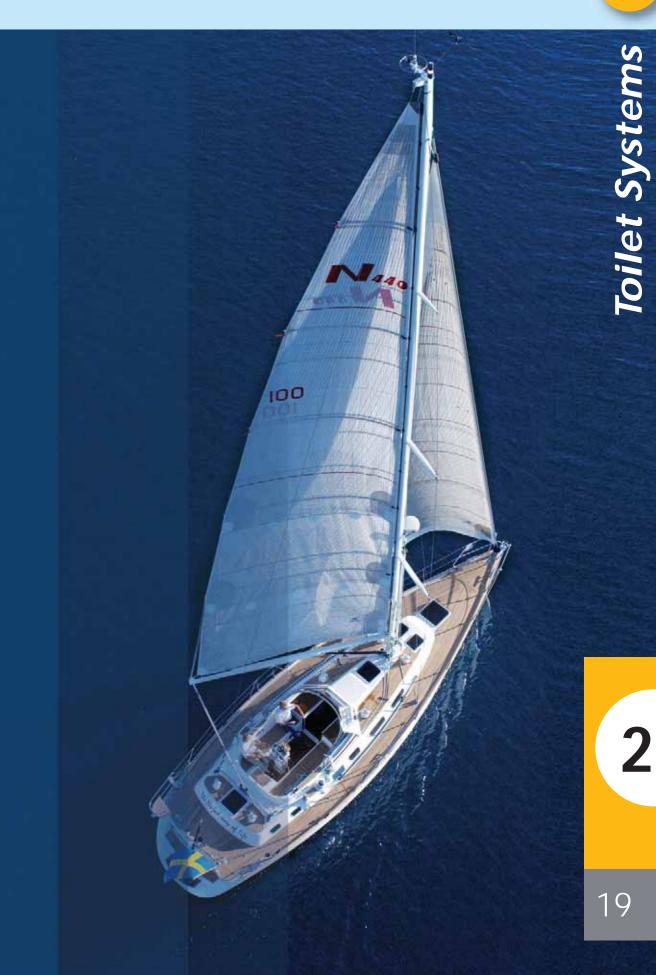
45490-1000 Y Valve.

45500-1000 Handle Extension Kit.

45488-0000 Service Kit.

45493-0000 Replacement Handle.





Systems

Water

### Introduction

### **Pressure Controlled Diaphragm Pumps**

Pressure controlled diaphragm pumps provide boat owners with a fresh water system that is as easy to use as their domestic water supply - with the versatility to offer full flow or a trickle. The pump is controlled by a switch which senses the pressure drop when a faucet is opened and activates the pump; it turns off when the system pressure builds to a pre-set limit as the faucet is closed. This system allows any type of faucet or shower valve to be fitted, from 3/8" (10mm) bore for minimum water use to 1/2" (13mm) bore for maximum flow. Choosing the pump for your needs is simple - just check your system size and the number of outlets you need to operate simultaneously and select the appropriate pump. Diaphragm pumps are self-priming, quiet in operation and can run dry for extended periods.

It is always best to turn the pump off and then open a tap to de-pressurize the system when you are not using the boat as this will prolong pump life.



### **Accumulator Tanks**

Accumulator tanks hold a reservoir of air and water down stream from the pump. The air acts as a cushion, absorbing pump and pressure fluctuations, smoothing the flow and making the system quieter. Accumulators allow the pump to reach shut-off pressure more smoothly which reduces the on/off cycle which gives better control of hot water delivery.

Our accumulator tanks all have a bladder that separates water from air. The bladder is pre-pressurised but may need fine tuning when installed to give the most efficient performance. One of the advantages of an accumulator tank is that they can dispense up to half of their capacity of water even when the pump is switched off. So the bigger the reservoir, the more water you have available without having to switch the pump on helping you wash your hands or clean your teeth without noise.



### **Water Pressure Regulators**

Inlet water regulators are designed to protect your boat water system plumbing and fixtures from the possible high pressure of municipal water systems. Regulation is controlled at all flow rates by a pre-set spring and removable strainer traps debris. Both inline portable and permanent flush mount models are available in our new line of diaphragm sealed regulators.

It probably goes without saying that many Jabsco pumps have more than one possible application. Sometimes it is a simple matter of installing the standard product in the different application. Sometimes Jabsco needs to develop the standard product to meet the particular needs of the different application.



### **Washdown Pumps**

Washdown pumps are a development of our Water Pressure System pumps. Higher shutoff pressure switches prevent on/off cycling while salt water compatible trigger nozzles let you blast off mud and dirt, and then rinse down.

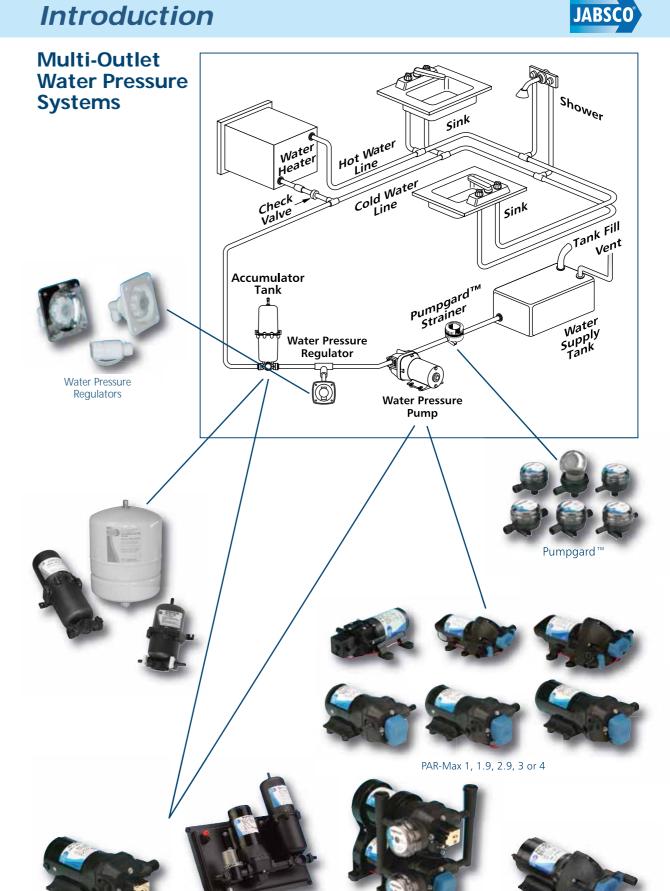


### **Pumpgard™ Strainers**

Inlet Strainers are an essential part of any fresh water system using a diaphragm pump - protecting the valves from small particles in the water. Our Pumpgards™ have been designed for easy installation and rapid filter screen cleaning having a transparent bowl that screws off to allow simple, regular inspection.

### Introduction

Sensor Max VSD, Ultra Max, Dual Max VSD, 3 Chamber



### Automatic Pressure Controlled Pumps

### Sensor Max™ VSD Constant Pressure Water System Pumps





Sensor Max™ 17

Sensor Max™ 14

Pressure sensor controlled, multi-outlet water pressure pumps, with variable speed drive, serving 1-5 outlets. Motor speed is electronically controlled to maintain steady flow and constant pressure. Sensor Max™ VSD accepts from 10 to 29 volt DC for use with 12 or 24 volt DC power. Amp draw reduces as flow reduces to conserve energy, ranging from less than 1 amp to a maximum of 15 amps.

- Unique constant water pressure NO pressure switch.
- Electronically controlled variable flow.
- Up to 4.5 gpm (17 lpm) output.
- Self-priming up to 10ft (3m).
- Gives constant flow and hot water mix.
- Eliminates accumulator tank
- Runs silently under normal use.
- Automatically adjusts to 12 Volt dc or 24 Volt dc power input.
- Conserves battery power uses lower amps at lower flow.
- True sensor regulated water pressure.
- Thermal overload protection automatically stops motor should it overheat due to overload, with auto re-start feature
- Diaphragm design allows extended dry running.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition
- Pumpgard™ Strainer included

Fitting: Connections for 1/2" (13mm) ID hose or 1/2" Qest threads.

31750 - 9.0" long x 6.3" wide x 3.75" high (22cm x 16cm x 9.5cm)

> 31755 - 10.3" long x 6.3" high x 3.75" high (25.2cm x 16cm high x 9.5cm).

Weight: 31750 - 4.3lb (2.0kg). 31755 - 6.3lb (3.0kg)

31750 - 0-3.7 gpm (0-14 lpm).

31755 - 0-5 gpm (0-17 lpm). **Running pressure:** 31750 - 0000 - 25 psi (1.7 bar).

31750 - 0200 - 20 psi (1.4 bar). 31755 - 0000 - 30 psi (2.1 bar). 31755 - 0200 - 20 psi (1.4 bar)

Shut-off pressure: 31750 - 0000 - 35 psi (2.4 bar). 31750 - 0200 - 25 psi (1.7 bar).

31755 - 0000 - 40 psi (2.8 bar) 31755 - 0200 - 30 psi (2.1 bar).

**31750-0000** Sensor Max<sup>™</sup> 14, 12-24 volt DC model,

fuse 15 amp, high pressure. **31750-0200** Sensor Max<sup>™</sup> 14, 12-24 volt DC model,

fuse 15 amp, low pressure. 32755-0000 Sensor Max™ 17, 12-24 volt DC model,

fuse 15 amp, high pressure.

**32755-0200** Sensor Max<sup>™</sup> 17, 12-24 volt DC model,

fuse 15 amp, low pressure. **18920-9043** Service Kit. all models.

**Note:** \(\text{Note}\) Use only low shut-off pressure models with all copper water heating tanks.

∴ Sensor Max™ VSD pumps must have a battery installed.

For service and spare parts listing see page 198.

### **3 YEAR WARRANTY**

### PAR-Max 1

Miniature multi outlet water pressure pump serves 1 or 23/8" (10mm) outlets at any one time. Models include both automatic and manual pumps.

- 1.1 gpm (4.3 lpm) open flow output.
- Self-priming up to 4ft (1.2m).
- Dual diaphragm operation.
- Thermal overload protection automatically stops motor should it overheat due to overload, with auto re-start feature
- Diaphragm design allows dry running.
- Pressure switch cut-in 22 psi (1.5 bar), cut-out 35 psi (2.4 bar).
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for 3/8" (10mm) ID hose and slip-on <sup>1</sup>/<sub>2</sub>" (13mm) bushings.

6.4" long x 3.5" wide x 2.3" high (16cm x 9cm x 6cm).

Weight: 1.3 lb (0.6 kg)

42630-2900 12 volt DC model, fuse 4 amp, automatic. 42631-2900 12 volt DC model,

fuse 4 amp, manual 42632-0000 Pump Head Repair Kit.

42634-0000 Pressure Switch Kit.

For service and spare parts listing see page 197.

### **PAR-Max Water System Pumps**

Automatic Pressure Controlled Pumps



The PAR-Max 1.9 and 2.9 Water System Pumps are designed for vessels requiring a smooth low flow, 12 or 24 volt DC pump at an attractive low price. These new pumps are internally grounded, three chamber diaphragm on-demand pumps with the performance characteristics to match the needs of a typical vessel with a shower, water heater and up to three faucets. The smaller model offers a smooth flow of up to 1.9 gpm (7.2 lpm), whilst the larger models offer 2.9 gpm (10.9 lpm), all are fitted with a built-in pulsation dampening by pass to control unwanted cycling and noise. We include quick-connect fittings for ease of pump installation. The NEW PAR-Max 7.0 gpm water pressure system pump provides exceptional flow and consistent water pressure to easily handle the demand of multiple outlets at one time. When onboad appliances are activated, the built in bypass design re-circulates back pressure into the pump to reduce cycling resulting in a quieter and smoother flow.

- Self priming up to 6-10ft (2-3m).
- Dry running.
- Soft rubber mounts.
- Corrosion resistant
- Complies with ISO 8846 MARINE (Ignition Protection).
- Low noise
- Less pulsation in the flow.
- Screw-less diaphragm design eliminates possible leak paths.
- Distinctive style.
- Can eliminate the requirement for an accumulator tank.



Fitting: Hose barb or NPT (both supplied).

Size: 31295 - 9" long x 4.5" wide x 4.5" high (23cm x 11cm x 11cm).

31395 - 9" long x 4.5" wide x 4.5" high (23cm x 11cm x 11cm).

52600 - 10" long x 6" wide x 6" high (25cm x 15cm x 15cm).

Weight: 31295 - 3lb (1.4kg). 31395 - 4lb (1.8kg)

52600 - 15lb (6.8kg).

Flow: 31295 - 0-1.9 gpm (0-7.2 lpm). 31395 - 0-2.9 gpm (0-10.9 lpm).

52600 - 0-7.0 gpm (0-26.5 lpm)

**31295-0092** PAR-Max 1.9, 25 psi (1.7 bar), 12 volt DC model, fuse 10 amp

31295-0094 PAR-Max 1.9, 25 psi (1.7 bar), 24 volt DC model, fuse 6 amp

31395-0092\* PAR-Max 2.9, 50 psi (3.5 bar), 12 volt DC model,

fuse 10 amp 31395-0094\* PAR-Max 2.9, 50 psi (3.5 bar), 24 volt DC model,

fuse 6 amp 31395-0292 PAR-Max 2.9, 25 psi (1.7 bar), 12 volt DC model,

fuse 10 amp **31395-0294** PAR-Max 2.9, 25 psi (1.7 bar), 24 volt DC model,

31395-0392 PAR-Max 2.9, 40 psi (2.8 bar), 12 volt DC model, fuse 10 amp

fuse 6 amp

31395-0394 PAR-Max 2.9, 40 psi (2.8 bar), 24 volt DC model, fuse 6 amp

**52600-0092** PAR-Max 7.0, 60 psi (4.1 bar),12 volt DC model, 35 amp draw

**52600-0094** PAR-Max 7.0, 60 psi (4.1 bar),24 volt DC model, 20 amp draw

52600-0292 PAR-Max 7.0, 40 psi (2.7 bar), 12 volt DC model, **52600-0294** PAR-Max 7.0, 40 psi (2.7 bar),24 volt DC model,

15 amp draw

\*Not available in Europe.

For service and spare parts listing see page 194.

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Water

# Automatic Pressure Controlled Pumps

### 32600 - Series Automatic Water **System Pump**

This conventional pressure switch controlled pump enjoys the same pulsation free 3 chamber diaphragm design as our PAR-Max 2.9 & 1.9 but incorporates a heavy duty motor, giving higher flows and long life for such a small footprint. Like all Jabsco water pressure system pumps it is inherently quiet, self-priming and can run dry without damage. Quickconnect fittings are included.

- Powerful 3.5 gpm (13.2 lpm) flow rate.
- Shut off pressures from 25 psi (1.7 bar) to 40 psi (2.8 bar)
- Self priming up to 3m (10ft)

Suitable for Worldwide.

Fitting: 2 x 1/2" Male Weight: 5.0lb (2.1kg).

**32600-0092** 12 volt DC model, fuse 15 amp, pressure switch

setting 40 psi (2.8 bar). 32600-0094 24 volt DC model, fuse 10 amp, pressure switch setting 40 psi (2.8 bar).

**32600-0292** 12 volt DC model, fuse 15 amp, pressure switch setting 25 psi (1.7 bar).

32600-0294 24 volt DC model, fuse 10 amp, pressure switch setting 25 psi (1.7 bar).

For service and spare parts listing see page 197.

**3 YEAR WARRANTY** 

### **3 YEAR WARRANTY**

### **PAR-Max 4 Water System Pump**

New generation multi outlet water pressure pump serves 4 or more 1/2" (13mm) outlets at any one time. Snap-fit ports simplify both installation and removal for routine service.

- 4.3 gpm (16.3 lpm) open flow output.
- Self-priming up to 10ft (3m).
- Four piston diaphragm sealed for smooth and quiet operation
- Thermal overload protection automatically stops motor should it overheat due to overload, with auto re-start feature.
- Diaphragm design allows extended dry
- Pressure switch cut-in 10 psi (0.7 bar), cut-out 25 psi (1.7 bar), low pressure, or cut-in 20 psi (1.4 bar) cut-out 40 psi (2.8 bar), high pressure.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for 1/2" (13mm) ID hose or 1/2" Oest threads.

9.8" long x 4.2" wide x 4.1" high (25cm x 10.6cm x 10cm).

Weight: 6lb (2.7kg).

**31620-0092** 12 volt DC model,

fuse 15 amp, high pressure.

31620-0094 24 volt DC model, fuse 7 amp, high pressure 31620-0292 12 volt DC model,

fuse 15 amp, low pressure.

31620-0294 24 volt DC model, fuse 7 amp, low pressure. **31630-0092** 12 volt DC model,

fuse 15 amp, high pressure, motor dip coated.

**18920-9043** Service Kit.

For service and spare parts listing for the pump

Photo courtesy of Cruisers Yachts



### Automatic Pressure Controlled Pumps





**3 YEAR WARRANTY** 

### **Dual Max VSD Water System**

The Dual Max VSD combines a smooth flowing VSD Water System Pump with a PAR-Max 4 to provide up to 8 gallons per minute when demand increases. The VSD Pump with its variable speed motor provides smooth even flow as needed for several outlets. If demand exceeds the VSD's normal operating range the PAR-Max 4 kicks in to add enough additional flow to accommodate as many as 7 outlets.

- Unique constant water pressure.
- VSD Pump is electronically controlled for variable flow
- Self-priming up to 10 feet.
- Constant flow for even hot water mix.

- No need for an accumulator tank.
- Thermal overload protection automatically stops motors if they overheat due to overload, with auto re-start feature.
- Diaphragm design allows extended dry
- Complies with USCG 183.410 and ISO 8846 for ignition protection.

Fitting: Connections 1/2" NPT.

12<sup>1</sup>/<sub>2</sub>" long x 8<sup>1</sup>/<sub>2</sub>" wide x 8<sup>7</sup>/<sub>8</sub>" high (32cm x 22cm x 22cm).

Weight: 131/2 lb (6kg).

31765-0092 12 volt DC model. 31765-0094 24 volt DC model.

For service and spare parts listing for the pump



**3 YEAR WARRANTY** 

# **Ultra Max Water Pressure Set**

A fully assembled pressure set that simplifies the installation of water pressure systems for both the professional and amateur installer. The set consists of a PAR-Max 3 pump, strainer and pre-pressurized accumulator tank with quick connect electrical connections on a rubber mounted board. Serves 3 or more 1/2" (13mm) outlets.

- Flow of 3.5 gpm (13.2 lpm).
- Self-priming up to 10ft (3m).
- Can be installed vertically or horizontally.
- Quadruple diaphragms for smooth and quiet operation
- Thermal overload protection automatically stops motor should it overheat due to overload, with auto re-start feature.
- Diaphragm design allows extended dry running.
- Low pressure switch cut-in 10 psi (0.7bar), cut-out 20 psi (1.4 bar).

- High pressure switch cut-in 20 psi (1.4 bar), cut-out 40 psi (2.8 bar).
- Maintenance free potable water quality accumulator tank.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for 1/2" (13mm) ID hose or 1/2" (15mm) Qest fittings.

15<sup>1</sup>/<sub>2</sub>" long x 15<sup>3</sup>/<sub>4</sub>" wide x 5<sup>1</sup>/<sub>2</sub>" high (39cm x 40cm x 14cm).

Weight: 6.6lb (3kg).

**59451-0012** 12 volt DC model, fuse 10 amp, low pressure version.

**59451-0024** 24 volt DC model, fuse 6 amp, low pressure version.

**59451-1012** 12 volt DC model, fuse 10

amp, high pressure version. **59451-1024** 24 volt DC model, fuse 6 amp, high pressure version.

For service and spare parts listing for the pump



### Aqua Filta™

Aqua Filta adsorbs dissolved impurities fresh-ening and cleansing water to make it natural tasting, sweet smelling and crystal clear.

- Screw-on cartridge is replaced annually or sooner if necessary, at half the cost of replacement filters.
- Over 200g of silver impregnated activated
- Beneficial mineral salts are retained.
- Ports accept fitment to either 13mm (½") ID hose or 1/2" screw-in fittings for polybutylene or copper plumbing.
- Initial flow capacity up to 14 lpm (3.7 gpm). ■ Tough moulded components give ample
- pressure capability, up to 4.2 bar (60 psi)

Fitting: Connections for 13mm (1/2") ID hose, 15mm Hep20 and Acorn fittings, 15mm John Guest speedfit and Whale system 15 fittings and ½" BSP female threaded fittings.

23cm high x 14cm deep x 10cm wide (9" x 5½" x 4").

Weight: 500g (1.1lb).

**59000-1000** Aqua Filta. **59100-0000** Replacement Filter

Cartridge

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# Automatic Pressure Controlled Pumps



### PAR 36900 Water Pressure Pump

This well established and service proven pump will serve up to 5 outlets simultaneously and generously.

- 4.2 gpm (16 lpm) open flow output.
- Self-priming up to 5ft (1.5m) vertical lift.
- Belt driven for quieter running and longer
- Diaphragm design allows extended dry running
- Low pressure switch cut-in 10 psi (0.7bar), cut-out 20 psi (0.7 bar)
- High pressure switch cut-in 20 psi (1.4 bar), cut-out 40 psi (2.8 bar).
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for  $^{1}/_{2}$ "- $^{5}/_{8}$ " (13-16mm)

9<sup>7</sup>/<sub>8</sub>" long x 6<sup>1</sup>/<sub>2</sub>" wide x 10<sup>1</sup>/<sub>8</sub>" high (25.1cm x 16.5cm x 25.8cm).

Weight: 12lb (5.4kg).

**36900-0200** 12 volt DC model, fuse 15 amp, low pressure version.

**36900-0210** 24 volt DC model, fuse 5 amp. low pressure version

**36900-1000** 12 volt DC model, fuse 15 amp, high pressure version.

**36900-1010** 24 volt DC model, fuse 5 amp, high pressure version.

30121-0000 Service Kit.

For service and spare parts listing see page 192.

Low pressure version not available



### PAR 36800 Water Pressure Pump

This well established and service proven pump will serve up to 4 outlets simultaneously and generously.

- 3.3 gpm (12.5 lpm) open flow output.
- Self-priming and all other benefits as PAR 36900 above
- Low pressure switch cut-in 10 psi (0.7 bar), cut-out 20 psi (1.4 bar). ■ High pressure switch cut-in 20 psi (1.4 bar),
- cut-out 40 psi (2.8 bar)
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for  $\frac{1}{2}$ "- $\frac{5}{8}$ " (13-16mm)

9<sup>7</sup>/<sub>8</sub>" long x 6<sup>1</sup>/<sub>2</sub>" wide x 8<sup>3</sup>/<sub>8</sub>" high (25.1cm x 16.5cm x 21.3cm).

Weight: 11lb (5kg)

**36800-0200** 12 volt DC model.fuse 8 amp, low pressure version.

**36800-0210** 24 volt DC model,fuse 4 amp, low pressure version.

**36800-1000** 12 volt DC model, fuse 8 amp, high pressure version.

**36800-1010** 24 volt DC model, fuse 4 amp, high pressure version.

30122-0000 Service Kit.

For service and spare parts listing see page 192.

Low pressure version not available



### **PAR 36950 Water Pressure Pump**

This very popular service proven pump serves up to 4 outlets simultaneously and generously.

- 3 gpm (11.4 lpm) open flow output.
- Self-priming and all other benefits as PAR 36900 above
- Low pressure switch cut-in 10 psi (0.7 bar), cut-out 20 psi (1.4 bar).
- High pressure switch cut-in 20 psi (1.4 bar), cut-out 40 psi (2.8 bar)
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

**Fitting:** Connections for  $^{1}/_{2}$ "- $^{5}/_{8}$ " (13-16mm) ID hose.

71/2" long x 61/2" wide x 81/2" high (19.1cm x 22cm x 21.6cm).

Weight: 11lb (5kg)

**36950-2000** 12 volt DC model, fuse 8 amp, high pressure version.

**36950-2010** 24 volt DC model, fuse 4 amp, high pressure version. **36950-2200** 12 volt DC model, fuse 8

amp, low pressure version

36950-2210 24 volt DC model, fuse 4 amp. low pressure version 43990-0061 Service Kit.

For service and spare parts listing see page 192.

Low pressure version not available



### **Water Pressure Regulators**

\Water Pressure Regulators protect your boat's water system from damaging pressures of unregulated city water hook-ups. Available in two models - permanently installed flush mount or in-line. Both feature brass GHT fittings for potable garden hose connection.

- Limits inlet water pressure to 45 psi (3.1 bar). ■ Maintains regulated pressure at various flow
- Compact in-line model only 3" (77mm) long.
- Flush model has unique swivel elbow output.
- Manufactured of food-grade materials.
- Meets all applicable codes and approvals.

■ Removable strainer protects plumbing.

and <sup>1</sup>/<sub>2</sub>"-14 pipe outlet In-line connections 3/4" GHT (f) inlet and 3/4" GHT (m) outlet.

**Flush size:**  $3^{1/2}$ " deep x  $4^{3/8}$ " high x  $4^{3/8}$ " wide (88mm x 13mm x 13mm).

*In-line size:* 3" long x 1<sup>1</sup>/<sub>2</sub>" diameter (7.7cm x 3.9cm).

Weight: Flush 0.41lb (0.2 kg) In-line 0.2lb (0.1kg)

44411-0045 In-line, White 45 psi (3.1 bar).

44411-1045 Flush, White 45 psi (3.1 bar)- 90 degree threaded outlet

**44411-2045** Flush, Chrome 45 psi (3.1 bar) - 90 degree

threaded outlet. 44412-1045 Flush, White 45 psi

(3.1 bar) – regulator outlet accepts snap-fit port fittings.

Fitting: Flush connections for 3/4" GHT (f) inlet 44412-2045 Flush, Chrome 45 psi (3.1 bar) – regulator outlet accepts snap-fit port



### **Water System Pumpgard™ Strainer**

Inlet strainer protects all electric diaphragm pumps.

- Prevents unnecessary pump breakdowns caused by particles in the water.
- Transparent housing allows instant
- Quick, in-place, cleaning of the 40 mesh stainless steel screen Fitting: Choose connections for 3/8", 1/2", 3/4"

(13mm) ID hose, or <sup>1</sup>/<sub>2</sub>"-14 pipe. 4<sup>3</sup>/<sub>4</sub>" long x 2<sup>3</sup>/<sub>4</sub>" wide x 2<sup>1</sup>/<sub>2</sub>" high (12cm x 7cm x 6cm).

46400-0000 3/4" (19mm) ID hose x 3/4" (19mm) ID hose

**46400-0002** Model for <sup>1</sup>/<sub>2</sub>" (13mm) ID

**46400-0003** <sup>3</sup>/<sub>8</sub>" (10mm) ID hose x <sup>3</sup>/<sub>8</sub>" (10mm) ID hose.

**46400-0004** Model for <sup>1</sup>/<sub>2</sub>"-14 pipe threads

46400-0010 3/4" (19mm) ID hose x plugin 90 degree. **46400-0012** Model for <sup>1</sup>/<sub>2</sub>" (13mm) hose

inlet 90 degree and direct plug into PAR-Max inlet port. **46400-0014** Model for <sup>1</sup>/<sub>2</sub>"-14 pipe inlet

90° and direct plug into PAR-Max inlet port. **46400-0375** <sup>3</sup>/<sub>8</sub>" NPT (F) x <sup>3</sup>/<sub>8</sub>" NPT (F).

46400-9500 Model for snap in 90° out fitting (guad + guad).

18753-0040 Replacement 40# Mesh



### **Topsider Galley Pump**

An economical galley or head hand pump.

■ Simple countertop mounting.

Smooth, convenient angled stroke

■ Instant self-priming.

Fitting: Connections for 1/2" (13mm) ID hose. 31/8" long x 11/4" wide x 23/8" high

(8cm x 3cm x 6cm). Weight: 1lb (0.5kg).

**37220-1010** Topsider Hand Pump.



### **Electric Galley Pump and Faucet**

The economical answer to running water at the push of a button.

- 1 gpm (4 lpm).
- Available with or without faucet with stainless steel swing spout.
- Pump must be installed in flooded suction position.
- On/off switch is built into the faucet base.

Fitting: Connections for 3/8" (10mm) ID hose. 4<sup>1</sup>/<sub>2</sub>" long x 2<sup>1</sup>/<sub>2</sub>" wide x 1<sup>3</sup>/<sub>4</sub>" high (11.4cm x 6.4cm x 4.5cm).

Weight: 1lb (0.5kg).

42510-0000 Pump only, 12 volt DC,

42520-0000 Faucet only.

42530-0000 Pump & Faucet, 12 volt DC, fuse 3 amp.

### Accumulator Tanks & Check Valve

### issemment farms a street farms

Improves all pressure controlled water systems. Our new compact 21 oz (0.6 Liter) accumulator tank fits into those tight areas, and performs all of the same functions as our 1 Quart model (1 Liter), but in a smaller package.

- Smoother flow, quieter water systems.
- Internal rubber membrane eliminates maintenance and allows universal mounting.
- Better control of hot water temperatures.
- Simply fitted to new or existing systems.
- Longer pump life, lower battery drain.
- Snap-in port fittings.

Pressurized Accumulator Tanks

Improves all pressure controlled Fitting: Connections for 1/2" (13mm) ID hose,

optional ports available, see below.

Size: 21oz (0.6 liter) - 4³/s" deep x 4³/s" wide x 7" high (11cm x 12cm x 18cm).

1 Quart (1 liter) - 4<sup>3</sup>/<sub>8</sub>" deep x 4<sup>3</sup>/<sub>4</sub>" wide x 13<sup>1</sup>/<sub>4</sub>" high (11cm x 12cm x 34cm).

Weight: 21oz (0.6 liter) - 1lb (0.45kg). 1 Quart (1 liter) - 1.6lb (0.7kg).

30573-0003 NEW! Pressurized 21oz (0.6 Liter) Accumulator

**30573-0000** Pressurized 1 Quart (1 Liter) Accumulator Tank

 $\begin{tabular}{ll} \bf 30653\text{-}0000 & Snap-in port fittings for \\ $^1\!/_2$" (12.5 mm) ID hose. \\ \end{tabular}$ 

**30649-0000** Snap-in port fittings for <sup>1</sup>/<sub>2</sub>"-14 pipe.

**30649-1000** Snap-in port fittings for ½" female threads.



21 oz (0.6 Litre)

Tank (above)

1 Quart (1 Litre)

Tank (right)

### **Larger Pressurized Accumulator Tanks**

Smooth flow from faucets and showers, reduce pump cycling, eliminate pulsations and water hammer.

- $\blacksquare$  Can be mounted vertically or horizontally.
- Water is totally separated from air chamber by a rubber bladder.
- All models include mounting brackets

### 18810-0000 (US supply)

- 2 gallon tank NSF-61 listed.
- 100 psi (6.9 bar) Max. working pressure, pre-pressurized to 20 psi (1.4 bar).
- Connection for 3/4" NPT male thread.
- 8" dia. x 12<sup>5</sup>/<sub>8</sub>" high (20cm x 32cm).

### 23240-2000 (European supply)

- 8 liter (1³/<sub>4</sub> gal) volume.
- 3.4 bar (50 psi) Max. working pressure.
- Connection for <sup>3</sup>/<sub>4</sub>" BSP Female thread.
- 22cm dia. x 33cm high (8<sup>1</sup>/<sub>2</sub>" x 13").



### **High Pressure Check Valve**

When located at the pump outlet, this high pressure check valve protects your pump from the damaging high pressure of unregulated city water connection.

Also may be used at the water heater inlet to prevent back-flow of hot water into the cold water system and pump.

- Protects your pump from high city water pressure.
- Stops hot water migration from water heater inlet.

Fitting: Connections for 1/2" (13mm) ID hose

Size: 11/2" (4cm) x 4" (10cm)

Weight: 1/4lb (0.1kg)

34344-0000 High Pressure Check Valve

Not available in Europe

### Washdown Pumps

# JABSC0°

### **PAR-Max Washdown Pump Kits**

Jabsco offers boaters several washdown pumps at ideal flow and pressure for washdown. The NEW! PAR-Max 5.0 gpm Washdown model offers pressures up to 50 psi (3.5 bar) with 4 chamber smooth performance running at up to 5 gpm (19 lpm). The NEW! PAR-Max 7.0 gpm Washdown model offers an unbeatable flow rate of up to 7.0 gpm (26.5 lpm) at pressures of up to 80 psi (5.5 bar). Washdown pumps are ideal for cleaning decks, cockpits and anchors on yachts of a range of sizesand can be connected to sea or fresh water. Both NEW units come with an intake strainer, spray nozzle and quickconnect ¾" hose barb fittings.



- High pressure jet blasts mud and silt from anchor chain and decks.
- Waterproof with sealed motor and sealed pressure switch for mounting in exposed positions.
- Thermal overload protection automatically stops the motor if it overheats.
- Dry running.
- Soft rubber mounts.
- Corrosion resistant
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- Supplied complete with Pumpgard<sup>™</sup> and trigger nozzle.

### Parts for PAR-Max Washdown

(\* or \*\* indicates which model is in the kit)

**30703-1000** Quick-disconnect nozzle with <sup>3</sup>/<sub>4</sub>" GHT snap-in connector (Suitable for North America)\*.

 $\textbf{30704-1000} \quad \text{Quick-disconnect nozzle attaches permanently to} \quad ^{1}\!\!/\text{.*} \quad \text{hose. (Suitable for Europe)**}.$ 

46400-0000 Pumpgard™ Strainer (Suitable for North America)\*.
46400-0002 Pumpgard™ Strainer (Suitable for Europe)\*\*.



3

### Washdown Pumps



### Washdown & Ballast Pumps

# JABSC0°



### PAR-Max 3.0 GPM Washdown Pump Kit

- Powerful 3.0 gpm (11.4 lpm) flow rate.
- Shut off pressure 50 psi (3.5 bar).
- Suitable for Marine Washdown.
- Self priming up to 3m (10ft).

Fitting: Connections for 1/2" or 3/4" hose.

Weight: 3.5lb (1.6kg).

Suitable for North America:

32305-0092 12 volt DC model 10 amp fuse size.

32305-0094 24 volt DC model, 5 amp fuse size.

Suitable for Worldwide:

32305-0392 12 volt DC model,

10 amp fuse size

32305-0394 24 volt DC model. 5 amp fuse size.

32901-0092 12 volt DC model,

10 amp fuse size.

32901-0094 24 volt DC model, 5 amp fuse size

For service and spare parts listing see page 197.

### PAR-Max 4.0 GPM Washdown Pump Kit

- Powerful 4.0 gpm (15 lpm) flow rate.
- Shut-off pressure 60 psi (4.3 bar).
- Suitable for high pressure applications.
- Self priming up to 10ft (3m).

Fitting: Connections for 3/4" (19mm) ID hose.

7.8" long x 4.0" wide x 4.0" high (20cm x 10cm x 10cm).

Weight: 5lb (2.1kg).



Suitable for North America:

32605-0092 12 volt DC model,

fuse 15 amp. 32605-0094 24 volt DC model,

fuse 10 amp.

32900-0092 12 volt DC model with 25ft (7.6m) hose coil.

32900-0094 24 volt DC model with 25ft (7.6m) hose coil.

Suitable for Europe:

32605-0392 12 volt DC model, fuse 15 amp.

32605-0394 24 volt DC model,

fuse 10 amp.

32900-0092 12 volt DC model with

25ft (7.6m) hose coil. 32900-0094 24 volt DC model with

25ft (7.6m) hose coil.

For service and spare parts listing see page 197.

### PAR-Max 5.0 Washdown Pump Kit



■ Shut-off pressure 50 psi (3.5 bar).

■ Very heavy duty motor for applications where continuous rating is required.

■ Self priming up to 10ft (3m).

Fitting: Connections for 3/4" (19mm) ID hose. 9.8" long x 4.2" wide x 4.1" high (25cm x 106cm x 10cm).

Weight: 6.5lb (3.0kg).

1/2" connectors included for European versions.

Suitable for North America:

32700-0092\* 12 volt DC model, fuse 15 amp.

32700-0094\* 24 volt DC model,

32700-0392\*\* 12 volt DC model,

fuse 7 amp.

fuse 15 amp. 32700-0394\*\* 24 volt DC model,

fuse 7 amp.

32902-0092 12 volt DC model, fuse 15 amp.

32902-0094 24 volt DC model, fuse 7 amp.

Suitable for Worldwide:

32700-0392 12 volt DC model,

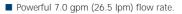
32700-0394 24 volt DC model

For service and spare parts listing see page 197.

### PAR-Max 7.0 GPM Ultra Washdown Pump Kit For many years, Jabsco PAR MAX

Step up to extreme cleaning with this seven gallon per minute, high pressure washdown system. The powerful spray makes cleaning your boat or dock faster and easier than ever. Its robust design will provide many years of reliable service. With complete instructions and and an included main breaker, this washdown system can be installed on almost any size boat.

washdown pumps have been the preffered system for cleaning marine vessels, making it an industry standard. That's because all Jabsco products are specifically designed to fit the expressed needs of boat builders and enthusiasts alike.



- Shut off pressure 80 psi (5.5 bar).
- Pump Body Glass Fitted Nylon
- Pump Design 5 Chamber Diaphragm.
- Suction Lift Self Priming to 8ft. (2.5m). ■ Ports (2) - ¾" (19mm) Hose Barb (2) - ¾"
- (19mm) Hose Barb and Elbow.
- Motor Permanent Magnet.
- ISO 8846 MARINE (Ignition Protection).

**52700-0092** 12v DC Model,

28 amp max. **52700-0094** 24v DC Model

14 amp max.

### PAR-Max 7.0 GPM Ultra Washdown **Pump Kit with Hose**



- Powerful 7.0 gpm (26.5 lpm) flow rate.
- Shut off pressure 80 psi (5.5 bar).
- Suitable for Marine Washdown.
- Self priming up to 2.5m (8ft).

Fitting: Connections for 1/2" or 3/4" hose. Weight: 6.5lb (3.0kg).

Suitable for North America: **52900-0092** 12 volt DC model.

28 amp.

**52900-0094** 24 volt DC model,

For service and spare parts listing see page 197.



### Wakeboard and Ski Boat Ballast Pump

Jabsco now offers a Wakeboard and Ski Boat Water Ballasting Pump. These pumps can deliver almost 80 pounds (10 gallons) of water ballast per minute.

- Fills a typical 40 gallon ballast tank in under 5 minutes.
- Reversible to both fill and empty ballast
- Self-priming and non air-locking.
- Exclusive (Patent pending) Run-dry Protection shuts off pump before impeller is damaged.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Ports - 1/2" (13mm) NPT internal thread and 1" (25mm) External Hose

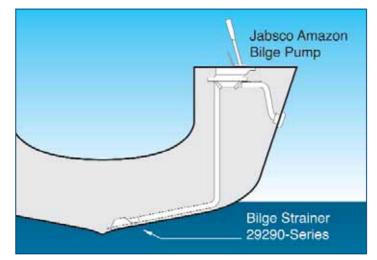
7<sup>1</sup>/8" long x 4<sup>3</sup>/4" wide x 3<sup>5</sup>/8" high (18cm x 12cm x 9cm). Size:

Weight: 6lb (2.7kg).

**18220-1127** 12 volt Pump with Urethane Impeller. 6303-0007 Replacement Impeller.

For service and spare parts listing

### Introduction



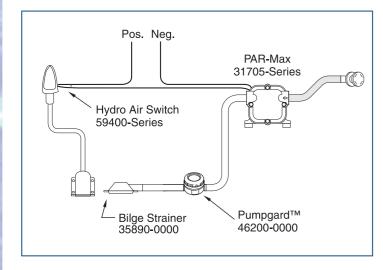
### Manual Diaphragm Pumps

These are the traditional mainstay of small craft bilge pumping systems and can offer surprisingly good flow rates, as well as a variety of installation options. Yacht racing rules state that at least one pump must be capable of being pumped from the cockpit with all hatches shut. The best way to accomplish this is with a through deck kit which allows the pump to be installed safely below decks while the operator pumps from above. A well designed manual bilge pump is very hard to block due to its large bore hose and valves and one piece diaphragm. The larger pumps in Jabsco's line of manual bilge pumps are also suitable for ballast and waste transfer.

# Jabsco Float Switch 30295-Series Neg Pos. Jabsco Submersible Bilge Pump

# Electric Submersible Pumps

Now by far the most popular type of electric Bilge Pumps, submersibles give very high outputs, are cost effective, have low amp draw and are easy to install. They are designed to fit in the lowest part of the bilge and only require discharge pipe work and electricity supply. However, flow rates decrease more rapidly than other types of pumps as the discharge head increases, so check our recommended maximum discharge heads and if in doubt, always increase the size of the pump. Although our submersibles can be run dry for up to 2 hours, pump life can be extended by avoiding dry running whenever possible. All submersibles can be operated using a float or hydro-air switch, and remotely controlled outside the bilge compartment by using a Jabsco switch panel.

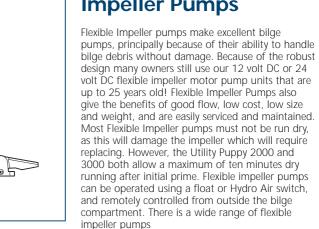


### Electric Diaphragm Pumps

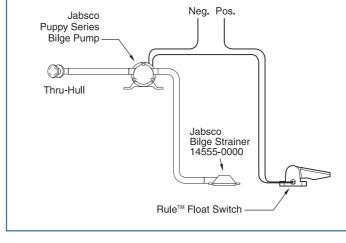
These pumps are excellent for shallow bilge boats where the water left behind by other types of pumps will slop from side to side. With the small size of inlet plumbing they are very effective as bilge pumps, removing all but the last drops of water. Diaphragm pumps can be run dry which removes the need to watch overboard outlets while the pump is running. The ability to self-prime means they can be mounted in an easily accessible high and dry location to simplify installation and improve serviceability. Most models in the line are supplied complete with a Pumpgard™ strainer to protect the pumps from bilge debris.

### Introduction





to choose from giving a range of flows, discharge heads, and self-priming options for a wide variety of applications such as ballast transfer, bait tank circulation, and deck wash duties.



# Jabsco Manual or Electric Clutch Bilge Pump

Of course each application requires different features from each pump and drive type. Either manual or electromagnetic flexible impeller clutch pumps are ideal for bilge pumping. Each type of clutch has different benefits from the other. Manual clutches will operate as long as the engines are still running which provides added security when operating as an emergency bilge pump. Electromagnetic clutches can be operated remotely via float or Hydro Air switches, while fitting a vacuum switch eliminates all risk of dry running damage. However, electromagnetic clutches will only engage as long as electrical power remains available.

# **Engine Driven Flexible Impeller Pumps**

Jabsco engine driven pumps are probably the strongest and most reliable pumps produced today. Combined with other benefits such as self-priming and very high flow rates, these pumps are now the firm favorites of commercial and professional mariners world wide. All the pumps are easily maintained and can fulfill a variety of duties on board both modern and classic vessels. Jabsco engine driven pumps come in a very wide range of performances and sizes and can be direct driven by either a clutch, pulley, hydraulic drive, or close coupled to a suitable power take off on the engine. These pumps are suitable for applications such as:

- High flow, heavy duty bilge pumps.
- Emergency on board bilge pumps.
- Fire fighting pumps.
- Engine cooling.
- Water ballast transfer
- Circulation duties.



### WARNING

No pump manufactured by Jabsco should be used for gasoline, petroleum products or any fluid with a flash point below 100°F (38C).

Systems

Pumping

Bilge

### Introduction

### **Introduction to Rule Bilge Pumps**

Rule Submersible Bilge Pumps have set the standard for the industry for decades. They are the first choice of yachtsmen and commercial fishermen throughout the world. More innovations in Bilge Pump design have come from Rule Industries than any other manufacturer and we are proud to offer the broadest range of bilge pumps in the world.

- Exclusive moisture tight seals.
- Anti-Airlock protection
- Compact, efficient, long life motors
- No burn-out when run dry
- Easy clean snap-lock strainer bases
- Stainless steel shafts

- Completely submersible
- Marine grade blocked wiring
- Rust and corrosion protection
- Silent and vibrationless operation
- CE and ISO 8849 certification
- Ignition protection



### Introduction





### **Fully Automated Bilge Pumps**

No Float Switch Required. The NEW eco-friendly Rule Mate series of Bilge pumps feature a solid state water sensing technology that eliminates the need for a separate float switch.

When water enters the bilge and reaches a certain height (2% inches, 70mm), a sensor turns the pump on. After the water is pumped out, another sensor shuts the pump off. The sensor's unique "field effect" technology is eco-friendly because they only sense the dielectric constant of water. In the event of an onboard oil spill, straight motor oil that enters the bilge will not turn the pump on. The result is the most technically advanced and eco-friendly bilge pump available in the marketplace. It's part of Rule's continuing commitment to preserving our navigable waterways. Rule has been building bilge pumps for 30 years. The pumps are preferred by yachtsmen and commercial fishermen the world over.

### Features and Benefits:

- All-in-one pump & switch No float switch required.
- Pump turns on when water level rises & shuts off when water is removed.
- Will not pump oil Straight motor oil that enters the bilge will not turn the pump on.
- Snap-off strainer for easy cleaning.
- Anti-Fouling Impeller
- The new Rule Mates are available in 500, 750 and 1100 GPH (1893, 2839 and 4164 LPH) models in 12 and 24 volt versions
- Original Rule Mates are available in 1500 and 2000 GPH in 12 and 24 volt versions
- Limited three year warranty.



### **Automatic Bilge Pumps**

Computerized operation on the principle of impeller resistance. Float switches are not required. The pump will turn on every 2½ minutes for about one second to sense for water. If water is present, thepump will sense resistance and continue to run until all water is removed. Thereafter, it will check for water every 2½ minutes. Power use in the checking mode is minimal.

### Features and Benefits:

- No external switch.
- Pump operates automatically by sensing for water.
- Pump turns on every 2½ minutes to feel for water. When water is encountered the pump remains on until water is removed and then pump shuts down. Thereafter it reverts to a 21/2
- Sizes: 500, 800, 1100, 1500, 2000, 3700, 4000, 8000 GPH in 12 volt versions



### **Non-Automatic Bilge Pumps**

Traditional operation activated by a float switch or panel switch. Rule's Cartridge Series Bilge Pumps have the added feature of replacement motors. This allows you to carry a spare motor, providing an extra level of security and protection. Removal of the motor also allows cleaning of the strainer and impeller area in the event that the pump becomes clogged. Replacement motors are sold separately.

### Features and Benefits:

- Pump and switch are stand alone products.
- Compact, efficient, long life motors.
- New mercury free float switches.
- Sizes: 360, 500, 800, 1000, 1100, 1500, 2000, 3700, 4000, 8000 gph in 12 and 24 volt versions.
- Limited three year warranty.

### Electric Submersible Pumps



### 360 G.P.H. (1363 L.P.H.)

The Rule 360 provides outstanding quality and value. It is economically priced and designed for small boats. 3/4" (19mm) discharge outlet. 12 volt DC.

NON-AUTOMATIC

24 360 gph (1363 lph). 24-35A 360 gph (1363 lph) Pump

with Mercury Free Rule-A-Matic® Float Switch.

# NEW

### 500 G.P.H (1893 L.P.H.)

The Rule 500 offers many design features while keeping size and cost to a minimum. Especially popular on smaller craft, Rule 500 pumps are unmatched in pumping power and longevity. ¾" (19mm) discharge outlet. 12 volt DC unless noted.

RULE-MATE®

**RM500A** 

500 gph (1893 lph) Rule-Mate® RM500A-24 500 gph (1893 lph)

Rule-Mate® (24 volt)

AUTOMATIC **25S** 

500 gph (1893 lph)

25S-24 500 gph (1893 lph) Automatic (24 volt) **25S-6** 500 gph (1893 lph)

Automatic with 6' (1.8m)

NON-AUTOMATIC

25D 500 ghp (1893 lph). **25DC** 

500 gph Cartridge (1893

500 gph (1893 lph) with 25DC-6 6' (1.8m) leads.

500 gph (1893 lph) with 25-40A Mercury Free Rule-A-

Matic® Plus™Float Switch 26D 500 gph (1893 lph)

# NEW

### 700/750 G.P.H. (2650/2839 L.P.H.)

Rule's 700 and 750 gph pumps offer increased capacity in keeping with its 3/4" (19mm) discharge outlet. 12 volt DC unless noted.

RULE-MATE® **RM750A** 

750 gph (2839 lph) Rule-Mate®

RM750A-24 750 gph (2839 lph) Rule-Mate® (24 volt).

**NON-AUTOMATIC** 

**20RC** 700 gph Cartridge (2650

# Electric Submersible Pumps





### 800 G.P.H. (3028 L.P.H.)

Rule offers two 800 gph (3028 lph) styles - square and round versions. The square model (20F) offers 36 mounting variations as well as a gas resistant strainer base. ¾" (19mm) discharge outlet. 12 volts DC unless

NON-AUTOMATIC

**20F** 800 gph (3028 lph)

**20R** 800 gph (3028 lph) Round. 21R 800 gph (3028 lph) Round

**AUTOMATIC** 

20R-35A

800 gph (3028 lph) Pump with Mercury Free Rule-A-Matic® Plus™Float Switch.

**20RS** 800 gph (3028 lph) Round.



### 1000 G.P.H. (3785 L.P.H.)

The Rule 1000 is in a class by itself and is a popular choice among boat builders and boat owners alike. 36 mounting variations and a gas resistant strainer base make this one of Rule's most popular pumps. 11/6" (29mm) discharge outlet. 12 volt DC.

NON-AUTOMATIC

20A 1000 gph (3785 lph).



### 1100 G.P.H. (4162 L.P.H.)

The Rule 1100 offers impressive pumping power for its size and cost. Competitive models in this pumping range are much larger and far more expensive. 1" (25mm) and 11/6" (29mm) discharge outlet. 12 volt DC unless noted.

RULE-MATE® RM1100A

1100 gph (4162 lph)

RM1100A-24 1100 gph (4162 lph)

AUTOMATIC

1100 gph (4162 lph)

NON-AUTOMATIC

27D 1100 gph (4162 lph). 27D-6 1100 gph (4162 lph) with

**27DC** 1100 gph (4162 lph)

6' (1.8m) wire leads.

non-automatic (12 volt)

28D 1100 gph (4162 lph) (24 volt)

1500 G.P.H. (5676 L.P.H.)

High pumping capacity and reliability at a lower cost. The Rule 1500 offers more pumping capacity and more exclusive design features than any comparable competitive pump. 11/8" (29mm) discharge outlet. 12 volt DC unless noted.

RM1500

1500 gph (5676 lph).

NON-AUTOMATIC

02 1500 gph (5676 lph). 02-6 1500 gph (5676 lph) with 6' (1.8m) wire leads.

03 1500 gph (5676 lph)

**GOLD SERIES** 

04 1500 gph (5676 lph) 5 Year Warranty.

**AUTOMATIC** 

**51S** 1500 gph (5676 lph).

# Electric Submersible Pumps



### 2000 G.P.H. (7568 L.P.H.)

Engineered to commercial standards. The Rule 2000 is the best selling high capacity submersible bilge pump in the world. 11/8" (29mm) discharge outlet. 12 volt DC unless noted.

RULE-MATE® RM2000

2000 gph (7568 lph). RM2000-24 2000 gph (7568 lph)

NON-AUTOMATIC

2000 gph (7568 lph). 10-6UL 2000 gph (7568lph) -UL listed with 6' (1.8m) wire

2000 gph (7568 lph) (32 volt).

2000 gph (7568 lph) (24 volt).

**GOLD SERIES** 

11

12

09 2000 gph (7568 lph) 5 Year Warranty.

**AUTOMATIC** 

**53S** 2000 gph (7568 lph)



### 3700 G.P.H. (14002 L.P.H.)

Heavy duty construction for both commercial and pleasure boat use; known for trouble free operation and reliability. 1½" (38mm) discharge outlet. 12 volt DC unless noted.

NON-AUTOMATIC

14A 3700 gph (14002 lph). 14A-6UL 3700 gph (14002 lph) -UL listed with 6' (1.8m) wire

3700 gph (14002 lph) 15A (32 volt).

16A 3700 gph (14002 lph) (24 volt).

**GOLD SERIES** 

3700 gph (14002 lph) 5 Year Warranty. 13A

**AUTOMATIC** 

**55S** 

3700 gph (14002 lph) Automatic



### 4000 G.P.H. (15137 L.P.H.)

Designed for the toughest applications, the 4000 GPH (15137 LPH) pump optimizes Rule's exclusive design features to produce the highest capacity available for a pump its size. 2" (51mm) discharge outlet. 12 volt DC unless noted.

NON-AUTOMATIC

56D 4000 gph (15137 lph). 56D-24 4000 gph (15137 lph)

56D-32 4000 gph (15137 lph) (32 volt).

AUTOMATIC **56S** 

4000 gph (15137 lph)

# Electric Submersible Pumps





### 8000 G.P.H. (30274 L.P.H.)

Our largest capacity submersible pump. Thoughtfully designed, it incorporates two 4000 gph (15137 lph) pumps which discharge through a common 3" (76mm) discharge outlet. Since the two pumps function independently, if one pump fails, the other will continue to operate providing back-up pumping capability. Replacement motor modules available. 12 volt DC unless noted.

NON-AUTOMATIC

174D 8000 gph (30274 lph). 174D-24 8000 gph (30274 lph)

1750D 8000 gph (30274 lph) Replacement Motor

Module (12 volt).

**AUTOMATIC** 

**174S** 8000 gph (30274 lph) Automatic

**175S** 8000 gph (30274 lph) Automatic Replacement

Motor Module.



### PWC Automatic 500 GPH (1893 LPH)

Automatically removes water from engine compartment without the use of a float switch. Cycles every 20 seconds to check for water. Compact design allows it to fit in tight spaces. Easy installation. Equipped with gasoline resistant strainer base and 72" (1.8m) wire leads. 12 volt DC.

25S-PWC



### PWC Non-Auto 500 GPH (1893 LPH)

Removes water from engine compartment. Compact design allows it to fit in tight spaces. Easy installation. Equipped with gasoline resistant strainer base and 72" (1.8m) wire leads. 12 volt DC

25D-6WC



### **PWC Pump On/Off Switch**

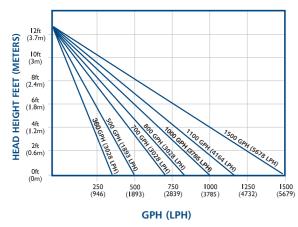
Water resistant on/off toggle switch for on demand use of Rule Personal Watercraft Pumps.

49PWC

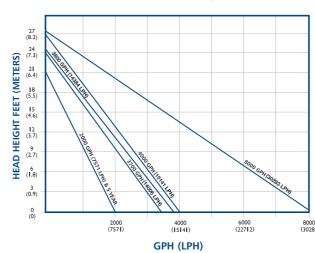
# Pump Specification Charts

Capacity GPH (LPH)	Model No.	Watts	Volts	Amps @12v	Amps @13.6	Fuse Size	Height (inches/mm)	Width (inches/mm)	Weight (lbs/kgs)	Hose Dia. (inch/mm)	Panel Switches	Float Switches
RULE-MAT	E® AUTC	MATE	D BILGE	PUMPS		'	'		•			
500 (1893)	RM500A	-	12DC	2.0	2.2	3	4.5 (114.3)	6 (152.4)	1-1/8(.5)	3/4(19.0)	41,43,45	-
500 (1893)	RM500A-24	-	24DC	1.0	1.1	1.5	4.5 (114.3)	6 (152.4)	1-1/8(.5)	3/4(19.0)	42,44,45	-
750 (2839)	RM750A	-	12DC	2.7	3.1	5	4.5 (114.3)	6 (152.4)	1-3/16(.6)	3/4(19.0)	41,43,45	-
750 (2839)	RM750A-24	-	24DC	1.4	1.6	3	4.5 (114.3)	6 (152.4)	1-3/16(.6)	3/4(19.0)	42,44,45	-
1100 (4164)	RM1100A	-	12DC	3.4	4.0	5	4.5 (114.3)	6 (152.4)	1-3/16(.6)	1-1/8(29)	41,43,45	-
1100 (4164)	RM1100A-24	-	24DC	1.7	2.0	3	4.5 (114.3)	6 (152.4)	1-3/16(.6)	1-1/8(29)	42,44,45	-
1500 (5678)	RM1500	-	12DC	4.8	7.0	10	6(152)	7.25(185)	3-1/2(1.6)	1-1/8(29)	41,43,45	-
2000 (7571)	RM2000	-	12DC	12	12.0	15	6(152)	7.25(185)	4(1.8)	1-1/8(29)	41,43,45	-
2000 (7571)	RM2000-24	-	24DC	4.0@24v	6.0@27.2v	7.5	6(152)	7.25(185)	4(1.8)	1-1/8(29)	41,43,45	-
AUTOMAT	C SERIES	BILGI	E PUMP	S								
8000 (30280)	174\$	-	12DC	15.5(2ea)	20.0(2ea)	25(2ea)	11(279)	12(305)	12/12(5.8)	3(76.0)	-	-
4000 (15140)	56S	-	12DC	15.5	20.0	25	9-1/4(235)	4-7/8(124)	5/8(2.5)	2(51.0)	41,43,45	-
3700 (14010)	55S	-	12DC	15.5	20.0	25	8-1/4(209.5)	4-7/8(124)	5/8(2.5)	1-1/2(38)	41,43,45	-
2000 (7571)	53\$	-	12DC	8.4	12.0	15	7-3/4(196.8)	4-3/4(120.6)	4/0(1.8)	1-1/8(29)	41,43,45	-
1800 (6814)	A53S	100	110AC	-	-	-	7-3/4(196.8)	4-3/4(120.6)	4/0(1.8)	1-1/8(29)	-	-
1800 (6814)	A53S-24	100	110AC	-	-	-	7-3/4(196.8)	4-3/4(120.6)	4/2(1.9)	1-1/8(29)	-	-
1500 (5678)	A51S											
1100 (4164)	27\$	-	12DC	3.3	5.0	5	4-1/2(114)	2-3/8(60.3)	0/12(0.34)	1-1/8(29)	41,43,45	-
800 (3028)	20RS	-	12DC	2.8	4.0	5	4-1/4(108)	2-3/8(60.3)	0/14(0.40)	3/4(19.0)	41,43,45	-
500 (1893)	25S	-	12DC	1.9	2.5	2.5	4(102)	2-3/8(60.3)	0/11(0.31)	3/4(19.0)	41,43,45	-
500 (1893)	25S-24	-	24DC	0.9@24v	1.3@27.2v	1.5	4(102)	2-3/8(60.3)	0/11(0.31)	3/4(19.0)	42,44,45	-
500 (1893)	25S-6	-	12DC	1.9	2.5	2.5	4(102)	2-3/8(60.3)	0/12(0.34)	3/4(19.0)	41,43,45	-

### **Pump Performance - Small RULE Pumps**



### **Pump Performance - Large RULE Pumps**



# Information Tables



### **Non-Automatic Bilge Pumps**

Capacity GPH (LPH)	Model No.	Watts	Volts	Amps @12v	Amps @13.6	Fuse Size	Height (inches/mm)	Width (inches/mm)	Weight (lbs/kgs)	Hose Dia. (inch/mm)	Panel Switches	Float Switches
8000(30280)	174D	-	12DC	15.5(2ea)	20.0(2ea)	25(2ea)	7-3/4(196.8)	12(305)	10/12(4.9)	3(76.0)	-	-
4000(15140	56D	-	12DC	15.5	20.0	25 7	3/4(196.8)	4-7/8(124)	5/8(2.5)	2(51.0)	41,43,45,49	37A, 40A
4000(15140)	56D-24	-	24DC	6.9@24v	10.0@27.2v	15	7-3/4(196.8)	4-7/8(124)	5/8(2.5)	2(51.0)	42,44,45,49	37A, 40A
4000(15140)	56D-32	-	32DC	5.0@32v	7.5@36.3	10	7-3/4(196.8)	4-7/8(124)	5/8(2.5)	2(51.0)	-	37A, 40A
3800*(14383)	17A	-	12DC	15.5	20.0	25	5-1/4(133)	8-1/2(216)	5/10(2.6)	1-1/2(38)	49	-
3700(14010)	13A	-	12DC	15.5	20.0	25	7-1/4(184)	4-7/8(124)	5/4(2.4)	1-1/2(38)	41,43,45,49	37A, 40A
3700(14010)	14A	-	12DC	15.5	20.0	25	7-1/4(184)	4-7/8(124)	5/4(2.4)	1-1/2(38)	41,43,45,49	37A, 40A
3700(14010)	14A-6UL	-	12DC	15.5	20.0	25	7-1/4(184)	4-7/8(124)	5/5(2.4)	1-1/2(38)	41,43,45,49	37A, 40A
3700(14010	16A	-	24DC	6.9@24v	10.0@27.2v	15	7-1/4(184)	4-7/8(124)	5/4(2.4)	1-1/2(38)	42,44,45,49	37A, 40A
3700(14010)	15A	-	32DC	5.0@32v	7.5@36.3v	10	7-1/4(184)	4-7/8(124)	5/4(2.4)	1-1/2(38)	-	37A, 40A
3700(14010)	18A	-	24DC	6.9@24v	10.0@27.2v	15	5-1/4(133)	8-1/2(216)	5/10(2.6)	1-1/2(38)	42,44,45	-
3700*(14010)	19A	-	32DC	5.0@32v	7.5@36.3v	10	5-1/4(133)	8-1/2(216)	5/10(2.6)	1-1/2(38)	-	-
2000(7571)	09	-	12DC	8.4	12.0	15	6(152)	4-1/4(108)	2/15(1.3)	1-1/8(29)	41,43,45,49	35A, 37A, 40A
2000(7571)	10	-	12DC	8.4	12.0	15	6(152)	4-1/4(108)	2/15(1.3)	1-1/8(29)	41,43,45,49	35A, 37A, 40A
2000(7571)	10-6UL	-	12DC	8.4	12.0	15	6(152)	4-1/4(108)	3/0(1.4)	1-1/8(29)	41,43,45,49	35A, 37A, 40A
2000(7571)	11	-	32DC	3.1@32v	5.0@36.3v	6	6(152)	4-1/4(108)	2/15(1.3)	1-1/8(29)	42,44,45,49	35A, 37A, 40A
2000(7571)	12	-	24DC	4.0@24v	6.0@27.2v	7.5	6(152)	4-1/4(108)	2/15(1.3)	1-1/8(29)	42,44,45,49	35A, 37A, 40A
1800(6814)	H53SP-24	100	110AC	-	-	-	7-3/4(196.8)	10-1/2(267)	4/2(1.9)	1-1/8(29)	-	
1800(6814)	A53D	100	110AC	-	-	-	7-3/4(196.8)	4-3/4(120.6)	4/0(1.8)	1-1/8(29)	-	-
1500(5678)	02	-	12DC	4.8	7.0	10	6(152)	4-1/4(108)	2/10(1.2)	1-1/8(29)	41,43,45,49	35A, 37A, 40A
1500(5678)	02-6	-	12DC	4.8	7.0	10	6(152)	4-1/4(108)	2/10(1.2)	1-1/8(29)	41,43,45,49	35A, 37A, 40A
1500(5678)	03	-	24DC	2.3@24v	3.5@27.2v	4	6(152)	4-1/4(108)	2/10(1.2)	1-1/8(29)	42,44,45,49	35A, 37A, 40A
1500(5678)	04	-	12DC	4.8	7.0	10	6(152)	4-1/4(108)	2/10(1.2)	1-1/8(29)	41,43,45,49	35A, 37A, 40A
1100(4164)	27D	-	12DC	3.3	5.0	6	4-1/4(108)	2-3/8(60.3)	0/10(0.28)	1-1/8(29)	41,43,45,49	35A, 37A, 40A
1100(4164)	27D-6	-	12DC	3.3	5.0	6	4-1/4(108)	2-3/8(60.3)	0/11(0.31)	1-1/8(29)	41,43,45,49	35A, 37A, 40A
1100(4164)	28D	-	24DC	1.3@24v	2.0@27.2v	2.5	4-1/4(108)	2-3/8(60.3)	0/10(0.28)	1-1/8(29)	42,44,45,49	35A, 37A, 40A
1100(4164)	27DC	-	12DC	3.3	5.0	6	4-1/4(108)	2-3/8(60.3)	0/11(0.31)	1-1/8(29)	41,43,45,49 35A	37A, 40A
1000(3785)	20A	-	12DC	2.9	4.0	5	4(102)	2-7/8(73)	0/14(0.40)	1-1/8(29)	41,43,45,49	35A, 37A, 40A
800(3028)	20F	-	12DC	2.8	4.0	5	4(102)	2-7/8(73)	0/14(0.40)	3/4(19.0)	41,43,45,49	35A, 37A, 40A
800(3028)	20R	-	12DC	2.8	4.0	5	3-3/4(95.25)	2-3/8(60.3)	0/10(0.28)	3/4(19.0)	41,43,45,49	35A, 37A, 40A
800(3028)	21R	-	24DC	1.3@24v	2.0@27.2v	2.5	3-3/4(95.25)	2-3/8(60.3)	0/10(0.28)	3/4(19.0)	42,44,45,49	35A, 37A, 40A
800(3028)	20RC	-	12DC	2.8	4.0	5	3-3/4(95.25)	2-3/8(60.3)	0/10(0.28)	3/4(19.0)	41,43,45,49	35A, 37A, 40A
500(1893)	26D	-	24DC	0.9@24v	1.3@27.2v	1.5	3-1/2(89)	2-3/8(60.3)	0/9(0.26)	3/4(19.0)	42,44,45,49	35A, 37A, 40A
500(1893)	25D	-	12DC	1.9	2.5	2.5	3-1/2(89)	2-3/8(60.3)	0/9(0.26)	3/4(19.0)	41,43,45,49	35A, 37A, 40
500(1893)	25D-6	-	12DC	1.9	2.5	2.5	3-1/2(89)	2-3/8(60.3)	0/10(0.28)	3/4(19.0)	41,43,45,49	35A, 37A, 40A
500(1893)	25D-6WC	-	12DC	1.9	2.5	2.5	3-1/2(89)	2-3/8(60.3)	0/10(0.28)	3/4(19.0)	49PWC	-
500(1893)	25DC	-	12DC	1.9	2.5	2.5	3-1/2(89)	2-3/8(60.3)	0/9(0.26)	3/4(19.0)	41,43,45,49	35A, 37A, 40
360(1363)	24	-	12DC	2.1	2.5	2.5	3-1/2(89)	2-3/8(60.3)	0/9(0.26)	3/4(19.0)	41,43,45,49	35A, 37A, 40
360(1363)	24-6DC	-	12DC	1.9	2.5	2.5	3-1/2(89)	2-3/8(60.3)	0/9(0.26)	3/4(19.0)	41,43,45,49 35A	37A, 40A

\*Always use recommended fuse amperage rating specified for your pump model. Failure to install fuse could result in serious personal injury or fire hazards.

# **serule**



### **Charge N' Flow Kit**

The new Charge N' Flow pump is rechargeable, submersible and is designed for a wide variety of applications, both onboard and ashore. The versatility of the pump along with multiple power options makes it the ideal pump to keep on hand for any situation. Plus, with battery power and two convenient power options, it works wherever you need it.

The Charge n' Flow pump is very compact, only 5.5 inches (140mm) tall and 1.5 inches (38mm) in diameter, and can handle up to 100 gallons of water (379 L) on a single battery charge. When connected to a car battery, it can pump endless amounts of water! It is ideally suited for pumping fresh and sea water or diesel, diesel refueling and transfer, home & garden, plumbing, windshield fluid transfer, camping & kayaking, washdown for cars, RV, anchors and boats, bilge or storm water emptying.

The Charge N' Flow kit comes complete with a 12 volt 280 gph (1060 lph) pump, eight feet (2.4m) of lay flat hose, spray nozzle, enclosed battery, 110v ac battery charger, battery clip adapter, and a vehicle power adapter. It also includes a filter for use in submersible mode or when the filter is removed, the pump can be used

- Pumps fresh water, sea water, diesel and anti-freeze
- Diesel refuelling and transfer.
- Pumps up to 100 gallons (379 I) per charge.
- All components are enclosed in a convenient
- Three power options included rechargeable battery, with 110v battery charger, car battery clip adapter and vehicle power
- Multiple uses for indoor and outdoor.

RP280KR 280 gph (1060 lph),

### Kit Includes:

- Pump with quick disconnect fitting and fuse.
- Battery terminal power adaptor.
- Vehicle power adapter.
- 8' (2.4m) lay flat hose.
- Spray nozzle.
- Case with integrated battery.
- Battery charger.





### **Slimline Pumps**

Rule has developed a family of compact combination Submersible and Inline pumps and Portable Pump Kits designed for a wide variety of uses, both onboard and ashore. There are four models in the Slimline Series which include strainers for use in submersible mode or, when the filter is removed, for use in the inline pumping mode. These pumps are capable of pumping hot or cold fresh water, seawater, antifreeze and even

The pumps can be used to pump bilge water from tight spaces, as deck showers, for general wash down, water and diesel transfer or engine winterizing.

- Delivers up to 500 gph (1892 lph).
- Pumps fresh and seawater, diesel and
- Wash down for cars, vehicles, anchors and
- Deck shower.
- Under engine bilge pumping.
- Diesel refueling and transfer.
- Garden watering.
- Container filling and emptying.
- Sink draining
- Engine winterizing.

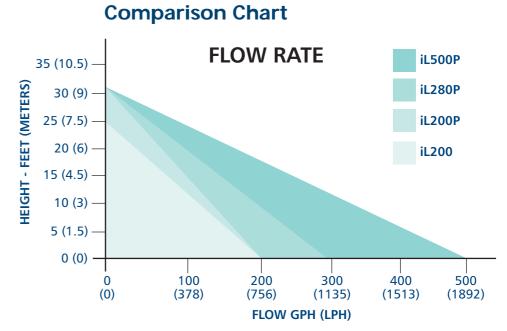
IL500P	500 gph (1892 lph), 12 volt
iL500P-24	500 gph (1892 lph), 24 volt.
iL280P	280 gph (1059 lph), 12 volt.
iL280P-24	280 gph (1059 lph),

280 gph (1059 lph),

iL200P 200 gph (756 lph), 12 volt. iL200P-24 200 gph (756 lph), 24 volt. iL200\* 200 gph (756 lph), 12 volt.

\*Not for use with diesel

# In-Line Submersible Pumps







### **Specification Table**

Model	iL500Plus	iL280Plus	iL200Plus	iL200
Pump Type	Centrifugal submersible and inl			
Current	12V – 6 amp 24V – 3 amp	12V - 4.5 amp 24V - 2.5 amp	12V – 4.5 amp 24V – 2.5 amp	12V - 2.8 amp
Head	32ft (9.7m)	32ft (9.7m)	32ft (9.7m)	25ft (7.6m)
Flow Rate	500 GPH (1920 LPH)	280GPH (1080LPH)	200GPH (760LPH)	200GPH(760LPH)
Rating	Continuously Rated*	Continuously Rated*	Continuously Rated*	Intermittent Rated**
Outlets	3/4 (19mm) ID hose	1/2" (13mm) ID hose	1/2" (13mm) ID hose	3/8" (10mm) & 1/2"(13mm) ID hose
Pressure	14 psi (0.96 bar)	14 psi (0.96 bar)	11 psi (0.76 bar)	14 psi (0.96 bar)
Body	Acetal	Acetal	Acetal	Styrene
Length	6.5" (165mm)	6.5" (165mm)	5.6" (142mm)	5.1" (130mm)
Diameter	1.5" (38mm)	1.5" (38mm)	1.5" (38mm)	1.4" (36mm)
Cable Length	13ft (4m)	13ft (4m)	3ft (1m)	3ft (1m)
Liquid	Fresh & Seawater / Diesel	Fresh & Seawater / Diesel	Fresh & Seawater / Diesel	Fresh & Seawater
Operating Temp	Water systems to 176°F (80°C)	Water systems to176°F (80°C)	Water systems to 176°F (80°C)	Water systems to140°F (60°C)

<sup>\*</sup>Should not be run dry for long periods of time.

<sup>\*\*</sup>Should not be run for more than 20 minutes and rested for equal time.





### Rule-A-Matic® Float Switch

Year after year, the Rule-A-Matic has been the switch of choice for boaters the world over. Our latest design now includes a removable base for easy cleaning and servicing, a mercury free snap switch tested to over one million cycles and marine grade "blocked" wire. Designed for pumps drawing up to 14 Amps at 12 volt DC. Model 35A and 35FA now includes a 2 year

Rule-A-Matic® float switch, 21/4" x 5" x 1¾" (57 x 127 x 58mm), 12-24v DC, fuse 14 amp (12v), 7 amp

35FA Rule-A-Matic® float switch with fuse



### Rule-A-Matic® Plus™ Float Switch

Sleek and rugged, the Rule-A-Matic Plus float switch has a strong, fully integrated and impact resistant cover, which protects against debris and jamming. 14 gauge highly abrasive resistant marine grade wire, and a built-in test feature. Designed for pumps drawing up to 20 amps at 12 volt DC. Model 40A and 40FA now includes a 2 year warranty.

Rule-A-Matic® Plus™ float switch, 3" x 5%" x 2½" (76 x 137 x 64mm) 12-24-32v DC, fuse 20amp (12v), 10amp (24v), 6.5amp (32v)

40FA Rule-A-Matic® Plus™ float switch with fuse holder



### **SuperSwitch™ Float Switch**

Now backed by a 5 year warranty, the non-mercury SuperSwitch is designed for the toughest applications. Design includes marine grade 14 gauge "blocked wire," larger float for increased buoyancy, removable base for easy servicing and a snap switch design capable of handling pumps drawing up to 20 amps at 12 volt DC.

**37A** SuperSwitch™ float switch, 2¼" x 5" x 2" (57 x 127 x 51mm), 12-24-32v DC, fuse 20amp (12v), 10amp (24v), 6.5 amp (32v).

**37FA** SuperSwitch™ float switch with fuse

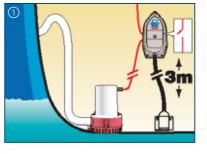


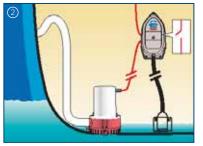
### **ECO-Switch**

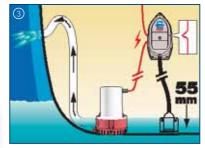
The Rule ECO-Switch is an ecologically sound automatic bilge pump control switch. Featuring a non-mercury design, the pump operates with simple air pressure. As water rises in the bilge, air rises in the air tube that is attached to the switch. The air pressure activates the switch which controls your pump. All wiring is out of the water and there are no submerged electrical connections at all. Offering complete reliability and outstanding performance, the Rule ECO-Switch offers a viable alternative to traditional float switches. For pumps drawing up to 20 amps.

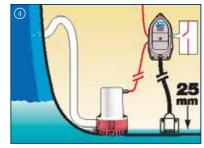


**39-24** 1%" x 6" x 2%" (48 x 152 x 70mm), 24v DC, fuse 10 amp.











### **High-Water Bilge Alarms**

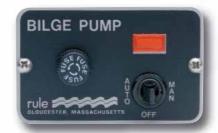
The High Water Bilge Alarm consists of a float switch and an in-dash gauge that features both a visual and an audible 85 db alarm. This unit allows an unmanned compartment to be constantly monitored. For additional compartments, add additional Rule Float Switches. Complies with CFR 182.530 which requires a visual and audible alarm in each unmanned space on commercial vessels at least 26" (7.9m) in length.

**33ALA** 12v DC. **32ALA** 24v DC. **31ALA** 32v DC. M-1507 Alarm Only.

Systems

Bilge Pumping

### Switches - Panel



### 3-Way Panel Lighted Switch

Controls any pump equipped with an automatic float switch. Toggle has three positions (automatic, off, or manual) and has a "fail safe" spring return to "off" from the "manual" position. Panel is black stainless steel with a red indicator light and fuse

- **41** 3¼" x 2" (83 x 51mm), 12v DC, fuse 20 amp.
- 42 3\%" x 2" (83 x 51mm), 24/32v DC, fuse 10 amp (24v), 6.5 amp (32v).



### 3-Way Panel Switch

Similar to the Lighted Panel Switch but 45 without indicator light or fuse holder. The "manual" position has a "failsafe" spring return to "off" so you can't leave your pump running by accident. Black stainless steel panel.

21/4" x 2" (57 x 51mm), 12/24/32v DC, fuse 20 amp (12v), 10 amp (24v), 6.5 amp (32v).



### 3-Way Panel Lighted Rocker Switch

Controls any pump equipped with an automatic float switch. This unit features a black plastic panel, a builtin fuse holder and an internally lighted rocker switch with 3 positions (automatic, off or manual) with the Rule "fail-safe" spring return to "off" from the "manual" position.

- **43** 2%" x 2%" (73 x 60mm). 12v DC, fuse 20 amp.
- **44** 2½" x 2½" (73 x 60mm), 24/32v DC, fuse 10 amp.



### 2-Way Panel Switch

Attractive black stainless steel panel highlights your control panel. Simple "on" and "off" toggle provides fingertip control.

2¼" x 2" (57 x 51mm), 12/24/32v DC, fuse 20 amp (12v), 10 amp (24v), 6.5 amp (32v).

# Accessories - Hose/Adapters/Fittings





# **Corrugated White Polyethylene Bilge**

All Rule hoses are designed for use with Rule pumps. Sizes up to and including 1½" (38mm) diameter have smooth mounting cuffs every 12" (305mm). Flexible for easy installation and resistant to detergents, oil, gasoline, diesel fuel and salt water.

- **81** ¾" (19mm) ID Hose in 100' (31m)
- 11/4" (29mm) ID Hose in 100' (31m)
- 88 1½" (38mm) ID Hose in 100' (31m) lengths
- 90 2" (51mm) ID Hose in 50' (15m) lengths.
- 92 3" (76mm) ID Hose in 50' (15m) lengths.



### **Deluxe PVC Ribbed Bilge Hose**

Clear ribbed bilge hose. Smooth inside finish improves pump performance. Rigid helix provides excellent abrasion resistance.

- $^{3}\!\!/\!\!/^{"}$  (19mm) ID Hose in 100' (31m)
- 11/2" (29mm) ID Hose in 100' (31m)
- 1½" (38mm) ID Hose in 100' (31m)



### 3-Way Fitting for Bilge Hose

Rule offers convenient "T" and "Y" fittings for popular bilge hose sizes. 212 Y Fitting, ¾" (19mm) hose.

213 Y Fitting, 11/4" (29mm) hose.

215 T Fitting, 3/4" (19mm) hose.

216 T Fitting, 11/4" (29mm) hose.

# Accessories - Hose/Adapters/Fittings



### **Adapters**

- **63** Bulkhead adapter-adapts 1½" (38mm) hose to standard garden hose fitting.
- Hose adapter-adapts 1½" (38mm) outlet to 11/4" (29mm) hose.
- Garden hose adapter-adapts 11/4" (29mm) outlet to standard garden hose
- Double stepped straight adapter for adapting 1%" (29mm) outlet to %" (19mm) or %" (16mm) ID hose.
- Adapter to attach Rule SuperSwitch to Rule 3700 (14002) and 4000 gph (15137 lph) Pumps.
- Adapter to attach Rule SuperSwitch or Rule-A-Matic® mercury free float switch to Rule 1500 (5676), 2000 gph (7568 lph) and 5-Year Pumps.

\*Not suitable for use with Rule Mate



### **Thru Hull Fittings**

High impact plastic will not rust, corrode or discolor. Specially designed for Rule pumps.

- 59 1½" (38mm) straight.
- 60 11/4" (29mm) straight.
- 615 3/4" (19mm) straight.
- 61 ¾" (19mm) right angle. 62 %" (16mm) right angle.
- **72** 2" (51mm) straight.
- **74** 3" (76mm) straight.



### **Adapters**

90° elbow adapters are designed for rigid pipe installations of Sump and Utility Pumps. Adapters snap onto discharge port. Opposite end is female pipe threaded. High impact plastic will not rust, corrode or discolor. Garden hose adapter snaps onto discharge port converting pump into standard garden hose fitting.

- Adapts 1800 gph (6814 lph) pump to 1"
- Adapts 2800 gph (10596 lph) pump to 1¼" (32mm) NPT.
- 68 Garden Hose Adapter

# Accessories - Hose/Adapters/Fittings





### **Stainless Steel Debris Strainer**

Extra measure of protection for use on round based Rule pumps up to 3700 gph (14010 lph). Installs directly into existing strainer. Filters out excess debris and helps prevent jamming and failure.

70



### **Universal Pump Adapter**

Allows all Rule 360 (1360), 500 (1893), 800 (3028) Round and 1100 gph (4164 lph) pumps to be mounted to competitive bases: Attwood® V-500, Mayfair Proline 500 (1893), 750 (2839), 1000 (3785) and West Marine 500 (1893), 750 (2839) and 1000 gph (3785 lph) models.



### **Side Mount Brackets**

Permits small Rule bilge pumps to be side mounted to a vertical stringer, a bulkhead or a transom. Use this bracket when bottom mounting is inconvenient or impossible. Simply remove the strainer from the pump, put the bracket in place, and reassemble.

**66** Round pumps from 360 (1363) to 1100 gph (4162 lph).



### **Replacement Strainer Bases**

Original replacement strainer base for your Rule Bilge Pump.

- **275** Round Rule Pumps, 360 to 1100 gph.
- 276 Gas Resistant Strainer Base for above
- 277 Square Rule Bilge Pumps.
- 278 Round Rule Pumps, 1500 to 2000 gph.
- 279 Round Rule Pumps, 2800 to 3700 gph.
- 285 Rule-Mate Bilge Pumps, 500 to 1100 gph (Pre 2009 Models).
- 286 Rule-Mate Bilge Pumps, 1500 to 2000





# JABSCO"

### Amazon Manual Diaphragm Pumps



### **Amazon Bulkhead**

For mounting on bulkhead or deck.

- Repositionable ports and body offer an amazing 96 assembly variations.
- Sustainable 12 gpm (45 lpm) output.
- Self-priming up to 13ft (4m).
- Corrosion resistant materials throughout.
- Stainless steel handle supplied with mounting clips and provision for safety lanyard.

Fitting: Connections for 1" (25mm) ID hose.

k. Size: 7" wide x 8" deep x 4<sup>3</sup>/<sub>4</sub>" high (18cm x 20cm x 12cm).

Weight: 1.4lb (0.6kg).

**29240-0000** Bulkhead Pump, c/w detachable handle

**29246-1000** Service Kit.

For service and spare parts listing see **page 199**.



### **Amazon Thrudeck**

For mounting through deck or through bulkhead.

- The ultimate compact through deck pump with no less than 16 port variations relative to the body.
- Readily achievable 13 gpm (50 lpm) output.
- Self-priming up to 16ft (5m).
- Loosening just one screw lets you clear blockages or position the body anywhere through 360° relative to the handle position.
- Compact design and low profile allow installation in confined spaces.
- Sleekly styled Through Deck Kit and cover, with 4 mounting positions relative to the pump.
- Excellent solids handling ability for use with holding tanks.

■ Corrosion resistant materials throughout.

Stainless steel handle supplied with mounting clips and provision for safety lanyard.

**Fitting:** Connections for 1" (25mm) ID hose or  $1^{1}/_{2}$ " (38mm) hose.

ize: 10" long x 4<sup>5</sup>/<sub>16</sub>" wide x 4<sup>1</sup>/<sub>2</sub>" deep (25cm x 11cm x 12cm).

Weight: 2<sup>1</sup>/<sub>2</sub>lbs (1.2kg).

29250-0000 1" (25mm) Thrudeck Pump,

with detachable handle and Through Deck Kit.

**29250-0010** 1<sup>1</sup>/<sub>2</sub>" (38mm) Thrudeck Pump, c/w detachable handle and

Through Deck Kit.

**29256-1000** Service Kit.

For service and spare parts listing see **page 199**.



### **Amazon Universal**

For mounting on bulkhead, through bulkhead, on deck or through deck.

- Unique safety feature allows operation from both inside and outside the cabin (with optional Through Deck Kit).
- Flow rate of up to 25 gpm (100 lpm).
- Self-priming up to 10ft (3m).
- Push-fit inlet and outlet elbows swivel through 360° to increase flexibility of installation still further.
- Corrosion resistant materials throughout.Quick release clamp ring gives fast
- access for blockage clearance.
- 1<sup>1</sup>/<sub>2</sub>" (38mm) ports give excellent solids handling ability for use with holding tanks.

Stainless steel handle supplied with mounting clips and provision for safety lanyard.

Fitting: Connections for 1<sup>1</sup>/<sub>2</sub>" (38mm) ID hose.

Size: 9<sup>1</sup>/<sub>2</sub>" wide x 9<sup>1</sup>/<sub>2</sub>" high x 6" deep (24cm x 24cm x 15cm).

Weight: 2.9lb (1.2kg).

29270-0000 Universal Pump, with

detachable handle and one Push-fit Elbow.

**29279-0000** Optional Through Deck Kit **29266-1000** Additional Push-fit Elbow.

see page 200.

**29266-1000** Additional Push-fit Elbow. **29276-1000** Service Kit.

For service and spare parts listing



### **Bilge Strainers**

Stop bilge debris blocking inlet suction hose and reduce the risk of debris entering and blocking the pump.

- Available to suit  $^3/_4$ ", 1" and  $1^1/_2$ " (19mm, 25mm and 38mm) ID hose.
- Non-return valve fitted to stop bilge water draining back when pumping stops.
- Re-positional ports allow horizontal, vertical or sideways hose attachments.
- Easily removable strainer plate for cleaning.
- Corrosion resistant materials throughout.

Fitting: Connections for  $^3/_4$ ", 1" or  $1^1/_2$ " (19mm, 25mm or 38mm) ID hose

ize: 6<sup>3</sup>/<sub>4</sub>" long x 2<sup>3</sup>/<sub>4</sub>" wide x 2<sup>1</sup>/<sub>2</sub>" high (17cm x 7.2cm x 6cm).

Weight: 1/4 lb (0.1kg).

**29290-1020** Bilge Strainer for <sup>3</sup>/<sub>4</sub>" (19mm) ID hose.

**29290-1000** Bilge Strainer for 1" (25mm) ID hose.

**29290-1010** Bilge Strainer for 1<sup>1</sup>/<sub>2</sub>" (38mm) ID hose.

### Amazon Manual Diaphragm Pumps



### **Amazon Warrior**

For mounting on deck, or through deck (with optional Through Deck Kit and Bracket).

- Robust design particularly suited to workboats and larger leisure craft, or any installation where particularly heavy duty use is anticipated.
- 29280-0100 Model with swivel arms and captive wheel nuts meets DTI requirements for use on lifeboats.
- 18" (45cm) handle assists sustained high outputs of up to 35 gpm (135 lpm).
- Self-priming up to 17.5ft (5.5m).
- Double diaphragm design gives maximum efficiency, and added safety.
- 1<sup>1</sup>/<sub>2</sub>" (38mm) ports give large solids handling ability.
- Can function on one diaphragm in an emergency.

■ Corrosion resistant materials throughout.

Fitting: Connections for 11/2" (38mm) ID hose.

e: 14" wide x 9<sup>1</sup>/<sub>2</sub>" high x 8" deep (35.5cm x 24cm x 20cm).

Weight: 11lbs (4.95kg).

29280-0000 Warrior Pump, with detachable handle.

**29280-0100** Warrior Pump, lifeboat version.

29279-0000 Optional Through Deck Kit.

29289-0000 Under Deck Bracket (required for use with Through Deck Kit).

**29286-1000** Service Kit.

For service and spare parts listing see **page 200**.

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### **In-Line Non-Return Valves**

Non-return valves fit in a pump's suction hose to aid priming and prevent backflow of water into the bilges.

- Available for three hose sizes 3/4", 1" and 11/2" (19mm, 25mm and 38mm).
- Simply fit into suction hose.
- Corrosion resistant materials throughout.

Fitting: Connections for  $^3/_4$ ", 1" or  $1^1/_2$ " (19mm, 25mm or 38mm) ID hose.

Size: 41/4" long x 21/8" wide x 2" high (10.8cm x 5.5cm x 5cm).

Weight: 1/4 lb (0.1kg).

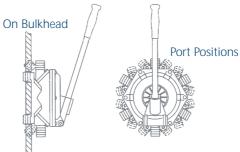
**29295-1011** In-line non-return valve for <sup>3</sup>/<sub>4</sub>" (19mm) ID hose.

**29295-1000** In-line non-return valve for 1" (25mm) ID hose.

**29295-1010** In-line non-return valve for 1<sup>1</sup>/<sub>2</sub>" (38mm) ID hose.

### **Amazon Mounting Positions**

### **Amazon Bulkhead**

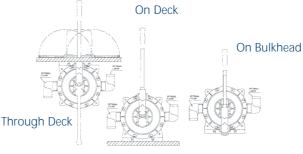


### **Amazon Thrudeck**

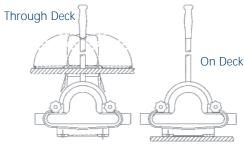
360° Rotation

Through Deck

### Amazon Universal



### **Amazon Warrior**



51

50

### Electric Diaphragm Pumps





### 50880 Series Bilge Pump

Robust diaphragm pump suitable for bilge applications with a multipositional pump head.

- 4.2 gpm (16 lpm) open flow output at 3ft
- Self-priming up to 10ft (3m) vertical lift allows mounting above wet bilges.
- Flexible Installation.
- Compact and simple design. ■ Filter-less.
- Quiet running.
- Capable of extensive dry running.
- Corrosion resistant parts.

Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

■ ISO 8849 MARINE (Bilge Pump Standard). Fitting: Connections for 3/4" (19mm) ID Hose.

11.7" long x 5.9" wide x 4.4" high (29.7cm x 15cm x 11.1cm).

Weight: 6lb (2.7kg).

SK880

**50880-1000** 12 volt DC model, fuse 10 amp.

**50880-1100** 24 volt DC model.

fuse 5 amp Service Kit

For service and spare parts listing see page 189.



### PAR-Max 4 31705

New generation, continuous rated bilge pump with waterproof coating for harsh environments.

- 258 usgph (978 lph) open flow output
- Self-priming up to 10ft (3m) allows mounting above wet bilges.
- Diaphragm design allows extended dry
- Build-in thermal overload protection.
- Complete with Pumpgard<sup>™</sup> strainer.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

■ ISO 8849 MARINE (Bilge Pump Standard). Fitting: Connections for 3/4" (19mm) ID hose. 7<sup>1</sup>/<sub>4</sub>" long x 4<sup>1</sup>/<sub>8</sub> " wide x 4<sup>1</sup>/<sub>10</sub>" high

(18cm x 10.5cm x 10cm). 5.5lb (2.5kg). Weight:

**31705-0092** 12 volt DC, fuse 10 amp. **31705-0094** 24 volt DC, fuse 7 amp.

**18912-3050** Diaphragm Kit.

For service and spare parts listing



### **37202 Series 2**

Quiet running and corrosion resistant bilge, shower and sink drain pump.

- 200 usgph (780 lph) open flow output.
- Self-priming up to 6ft (2m) vertical lift.
- Diaphragm design allows extended dry
- Complete with Pumpgard<sup>™</sup> pre-filter.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).

Fitting: Connections for 3/4" (19mm) ID hose. 5<sup>1</sup>/<sub>4</sub>" wide x 5<sup>3</sup>/<sub>4</sub>" high x 7<sup>1</sup>/<sub>2</sub>" deep

(13cm x 15cm x 19cm).

Weight: 51/2lb (2.5kg).

37202-2012 12 volt DC model, fuse 10 amp.

37202-2024 24 volt DC model,

fuse 5 amp.

**50095-1000** Service Kit.

For service and spare parts listing see page 188.



### **PAR 36680**

Fully serviceable, bilge and deckwash pump.

- 330 usaph (1250 lph) open flow output. ■ Self-priming up to 7ft (2m) vertical lift.
- allows mounting above wet bilges. ■ Diaphragm design allows extended dry
- running. ■ Complete with Pumpgard<sup>™</sup> strainer.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).

Fitting: Connections for 3/4" (19mm) ID hose. 7<sup>5</sup>/<sub>8</sub>" long x 6<sup>1</sup>/<sub>2</sub>" wide x 8<sup>1</sup>/<sub>2</sub>" high

(19.4cm x 16.5cm x 21.6cm) Weight: 8lb (6kg).

36680-2000 12 volt DC model, fuse 10 amp.

36680-2010 24 volt DC model, fuse 6 amp.

43990-0062 Service Kit. (new, -2xxx models only).

For service and spare parts listing see page 191.

# Electric Diaphragm Pumps



### **PAR** 36600

Fully serviceable, bilge pump.

- 475 usgph (1800 lph) open flow output.
- Self-priming up to 10ft (3m) vertical lift, allows mounting above wet bilges.
- Diaphragm design allows extended dry running.
- Complete with Pumpgard™ strainer.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection)
- ISO 8849 MARINE (Bilge Pump Standard).

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**Size:**  $8^{5}/8$ " long x  $5^{7}/8$ " wide x  $8^{1}/4$ " high (22cm x 15cm x 21cm).

Fitting: Connections for 3/4" (19mm) ID hose.

Weight: 11lb (5kg).

**36600-0000** 12 volt DC model, fuse 15 amp. **36600-0010** 24 volt DC model, fuse 8 amp.

**30124-0000** Service Kit.

For service and spare parts listing see page 193.



### **PAR 34600**

Fully serviceable, bilge pump.

- 645 usgph (2450 lph) open flow output. ■ Self-priming up to 10ft (3m) vertical lift, allows
- mounting above wet bilges.
- Diaphragm design allows extended dry
- Permanently lubricated ball bearings add to
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).

Fitting: Connections for 1" (25mm) ID hose. **Size:**  $9^3/_{16}$ " long x  $8^5/_{8}$ " wide x  $10^1/_{2}$ " high (23.4cm x 22cm x 26.7cm).

Weight: 13lb (6kg).

**34600-0000** 12 Vvolt DC model, fuse 15 amp.

**34600-0010** 24 volt DC model, fuse 8 amp. Requires a Bilge Strainer, see accessories page 61.

**30101-0000** Service Kit.

For service and spare parts listing see page 190.



### **Bilge Pumpgard™ Strainer**

- Strainer protects all electric diaphragm bilge
- Prevents unnecessary pump breakdowns caused by particles in the water
- Transparent housing allows instant inspection. ■ 46200-0000 model installs in-line between bilge
- Quick in-place cleaning of the 20 mesh stainless

Fitting: Connections for 3/4" (19mm) ID hose.

Weight: 1/2|b (0.2kg).

**Size:** 4<sup>3</sup>/<sub>4</sub>" long x 2<sup>3</sup>/<sub>4</sub>" wide x 2<sup>1</sup>/<sub>2</sub>" high (12cm x 7cm x 6cm).

**46200-0000** Model for <sup>3</sup>/<sub>4</sub>" (19mm) ID Hose.

**46200-0010** <sup>3</sup>/<sub>4</sub>" (19mm) ID Hose x Plug-in 90

18753-0020 Replacement 20# Mesh Filter.



### **Bilge Master**

pick up and pump.

Water resistant Master Panel with 3-way switch and front access fuse holder for any automatically controlled 12 or 24 Volt dc electric (or electromagnetic clutch) bilge pump to 30 amps.

- Water resistant switch and fuse holder allows mounting in exposed positions.
- Amber light shows that automatic mode is set, whilst red light shows whenever pump runs.

**Size:**  $3^{7}/8$ " wide x  $2^{3}/8$ " high (10cm x 6cm).

29140-0000 Illuminated Switch Panel, for

12 and 24 volt DC up to 30 amps complete with 5, 10, 20 and 30 amp fuses.

Not available in the USA.

Systems

Pumping

# Electric Flexible Impeller Pumps



### **Water Puppy**

Continuously rated duty bilge/sump pump.

- 380 usgph (1430 lph) output at 3m (10ft) total head.
- Self-priming up to 4ft (1.2m) vertical lift...
- Simple design means fewer wearing parts all user serviceable.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).

Fitting: Connections for 1/2" NPT male threaded fittings, and for 1" (25mm) ID hose.

Size: 63/8" long x 43/4" wide x 31/2" high (16.2cm x 12.1cm x 8.9cm).

Weight: 61/2lb (3kg)

**18660-0121** 12 volt DC model,

fuse 15 amp (Non CE). **6303-0001** Replacement Impeller.

For service and spare parts listing see page 185.



### **Commercial Duty Water Puppy**

High flow, continuously rated bilge pump offering good discharge head.

- 470 usgph (1770 lph) output at 10ft (3m) total head.
- Self-priming up to 8ft (2.4m) vertical lift.
   Rilge debris presents no problem to this bro
- Bilge debris presents no problem to this bronze bodied, flexible impeller design.
- Simple design means fewer wearing parts all user serviceable.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard). Fitting: Connections for 1" (25mm) ID hose, or 1/2" NPT male threads.
  - Do not use plumbing of less than <sup>3</sup>/<sub>4</sub>" (19 mm) internal diameter.

Size: 7<sup>1</sup>/<sub>8</sub>" long x 4<sup>3</sup>/<sub>4</sub>" wide x 3<sup>1</sup>/<sub>2</sub>" high (18.1cm x 12.1cm x 8.9cm).

Weight: 8lb (3.6kg).

**18670-0123** 12 volt DC model, fuse 15 amp (Non CF)

**18670-0243** 24 volt DC model, fuse 10 amp (Non CE).

**23680-4003** 12 volt DC model, fuse 15 amp.

**23680-4103** 24 volt DC model, fuse 10 amp.

**6303-0003** Replacement Impeller.

For service and spare parts listing see page 185.



### **Utility Puppy 2000**

Continuous rated Utility Puppy 2000 offers high flow for bilge, deck wash and general purpose use, and ten minutes dry running.

- 500 usgph (1920 lph) output at 10ft (3m) total head.
- Dry running for twenty minutes after initial use.
- Self-priming up to 4ft (1.2m) vertical lift.
- Bilge debris presents no problem to this bronze bodied, flexible impeller design.
- Simple design means fewer wearing parts all user serviceable.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

■ ISO 8849 MARINE (Bilge Pump Standard). Fitting: Connections for 3/4" male threads.

Size: 7<sup>1</sup>/<sub>2</sub>" long x 4<sup>3</sup>/<sub>4</sub>" wide x 3<sup>1</sup>/<sub>2</sub>" high (19cm x 12cm x 9cm).

Weight: 9.7lb (3.4kg).

23920-2403 12 volt DC BSP model, fuse 15 amp.

**23920-2503** 24 volt DC BSP model, fuse 10 amp.

**23920-9403** 12 volt DC NPT model, fuse 15 amp.

**23920-9503** 24 volt DC NPT model, fuse 10 amp.

For service and spare parts listing see page 185.



### **Utility Puppy 3000**

Continuous rated heavy duty Utility Puppy 3000 offers very high flow for bilge, deck wash and general purpose use, and ten minutes dry running.

- 680 usgph (2580 lph) output at 10ft (3m) total head.
- Dry running for ten minutes after initial use.
- Self-priming up to 8ft (2.4m) vertical lift.Mechanical seal for extra long life.
- Bilge debris presents no problem to this bronze bodied, flexible impeller design.
- Simple design means fewer wearing parts all user serviceable.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

■ ISO 8849 MARINE (Bilge Pump Standard). Fitting: Connections for <sup>3</sup>/<sub>4</sub>" male threads.

 $8^{1}/_{2}$ " long x  $4^{3}/_{4}$ " wide x  $3^{1}/_{2}$ " high (22cm x 12cm x 9cm).

Weight: 8.2lb (4.0kg).

23920-2213 12 volt DC BSP model, fuse 15 amp.

**23920-2313** 24 volt DC BSP model, fuse 10 amp.

23920-9213 12 volt DC NPT model, fuse 25 amp.

**23920-9313** 24 volt DC NPT model, fuse 15 amp.

For service and spare parts listing see page 185.

### Electric Flexible Impeller Pumps





### **Maxi Puppy 3000**

High flow, continuously rated bilge pump offering good discharge head.

- 660 usgph (2640 lph) output at 3m (10ft) total head.
- Self-priming up to 8ft (2.4m) vertical lift.
- Bilge debris presents no problem to this bronze bodied, flexible impeller design.
- Simple design means fewer wearing parts all user serviceable.
- ISO 8846 MARINE (Ignition Protected).
- ISO 8849 MARINE (Bilge Pump Standard).

Fitting: Connections for 1" (25mm) ID hose, or 1/2" BSP male threads. Do not use pipework of less than 19 mm (3/4")

**Size:** 8<sup>1</sup>/<sub>2</sub>" long x 4<sup>3</sup>/<sub>4</sub>" wide x 3<sup>1</sup>/<sub>2</sub>" high (22cm x 12cm x 9cm).

**Weight:** 8lb (3.6kg).

**23610-3003** 12 volt DC model, fuse 20 amp.

internal diameter

**23610-3103** 24 volt DC model, fuse 10 amp.

**7273-0003** Replacement Impeller.

For service and spare parts listing see **page 185**.



### **Junior Puppy**

High discharge head continously rated bilge pump.

- 225 usgph (900 lph) output at 10ft (3m) total head.
- Self-priming up to 5ft (1.5m) vertical lift.Bilge debris presents no problem to this
- bronze bodied, flexible impeller design.Simple design means fewer wearing parts all user serviceable.
- ISO 8846 MARINE (Ignition Protected).
- ISO 8849 MARINE (Bilge Pump Standard).

**Fitting:** Connections for <sup>3</sup>/<sub>8</sub>" BSP male threads, or 19mm (<sup>3</sup>/<sub>4</sub>") ID hose.

7<sup>1</sup>/<sub>8</sub>" long x 4<sup>1</sup>/<sub>4</sub>" wide x 3<sup>1</sup>/<sub>4</sub>" high

(18cm x 11cm x 9 cm). **Weight:** 6.6lb (3kg).

**23670-4003** 12 volt DC model, fuse 15 amp.

**23670-4103** 24 V model, fuse 10 amp.

SK400-0023 Service Kit, includes 9200-0003 Nitrile Impeller.

For service and spare parts listing see **page 185**.



### Mini Puppy

this Brass bodied pump

Compact continuously rated low flow pump.

- 83 usgph (330 lph) output at 10ft (3m) total head.
- Self-priming up to 5ft (1.5m) vertical lift.Small bilge debris presents no problem to
- Simple design means fewer wearing parts all user serviceable.
- ISO 8846 MARINE (Ignition Protected)
- ISO 8849 MARINE (Bilge Pump Standard)

Fitting: Connections for 3/8" BSP male threads, or 19mm (3/4") ID hose.

Size: 6" long x 43/4" wide x 31/2" high

(15cm x 12 cm x 8cm).

Weight: 2lb (0.9kg).

23620-4003 12 volt DC model,

fuse 5 amp. **23620-4103** 24 volt DC model,

fuse 3 amp.

SK374-0003 Service Kit, includes

1414-0003 Nitrile Impeller

For service and spare parts listing see **page 185**.



# Engine Driven, Electric Clutch Pumps

Designed for North American Market



### 18330 Series Electric Clutch Pumps

This manually activated clutch pump offers all the benefits of flexible impeller pumps with a high capacity flow rate and horizontally oriented ports.

- 4710 usgph (18840 lph) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 15ft (4.5m) vertical lift.
- Mechanical face type shaft seal.
- Nitrile impeller.
- Two pulley options to accommodate either A and B size belts.
- Two single-row shaft ball bearings.

12-7/16" long x 5-15/16" wide x 5-3/4" high (excluding pulley) Pulley diameter - 7".

Weiaht: 24lb (11ka).

**18330-0000** 12 volt DC Pump with double A groove Pulley. **18330-0040** 12 volt DC Pump with single B groove Pulley.

18330-0001 24 volt DC Pump with double A groove Pulley.

**18330-0041** 24 volt DC Pump with single B groove Pulley.

For service and spare parts listing see pages 152-176.



### 11870 Series Electric Clutch Pumps

This electrically activated clutch pump offers all the benefits of flexible impeller pumps with a substantial flow rate and horizontally oriented ports. The electric clutch offers convenient remote activation.

- 3525 usgph (14100 lph) at 10ft (3m) total
- Self-priming to 15ft (4.5m) vertical lift.
- Mechanical face type shaft seal.
- Nitrile impeller. ■ Two pulley options to accommodate either
- A and B size belts. ■ Double-row ball bearing.

Fitting: 11/4" NPT.

83/16" long x 57/8" wide x 5<sup>1</sup>/<sub>2</sub>" high (excluding pulley) Pulley diameter - 7".

Weight: 18lb (8kg)

**11870-0005** 12 volt DC Pump with double A groove Pulley.

**11870-0045** 12 volt DC Pump with single B groove Pulley.

**11870-0006** 24 volt DC Pump with double A groove Pulley.

**11870-0046** 24 volt DC Pump with single B groove Pulley.

**11870-0007** 32 volt DC Pump with double A groove Pulley.

For service and spare parts listing see pages 152-176.



### **50580 Series Electric Clutch Pumps**

Heavy duty bilge and deckwash pump belt driven from the engine, for leisure and commerical craft.

- 1470 usgph (4880 lph) at 10ft (3m) total head @ 1.500 rpm
- Self priming up to 15ft (4.5m) vertical lift.
- Bilge debris present no problems to this robust bronze bodied flexible impeller
- Can be remotely controlled from outside the engine room and can be automatically shut off by fitting a vacuum cut off switch.
- Neoprene impeller is fitted as standard.

Fitting: 1" NPT.

61/2" long x 5" wide x 7" high (160mm x 120mm x 178mm).

Weight: 11lbs (5kg)

**50580-9001** 12 volt DC 2A Pulley E/M Clutch, fuse 5 amp **50580-9101** 24 volt DC 2A Pulley E/M

Clutch, fuse 2.5 amp **50580-9201** 12 volt DC 1B Pulley E/M

Clutch, fuse 5 amp. **50580-9301** 24 volt DC 1B Pulley E/M Clutch, fuse 2.5 amp.

For service and spare parts listing see pages 152-176.

### Engine Driven, Electric Clutch Pumps



### Designed for European Market



### 50270 Series Electric Clutch Pumps

Very heavy duty bilge and deckwash pump belt driven from the engine, for leisure and commercial craft.

- 4100 usaph (16350 lph) at 10ft (3m) total head @ 1500 rpm
- Self-priming up to 15ft (4.5m) vertical lift.
- Bilge debris present no problems to this robust bronze bodied flexible impeller pump.
- Can be remotely controlled from outside the engine room and can be automatically shut off by fitting a vacuum cut off switch.
- Neoprene impeller is fitted as standard.

Fitting: 2" BSP internal thread/ optional 2" flange.

Size: 10" long x 7" wide x 7" high (264mm x 170mm x 178mm).

Weiaht: 27lb (12.2ka).

**50270-X011** 12 volt DC 2A Pullev E/M Clutch, fuse 5 amp

**50270-X111** 24 volt DC 2A Pulley E/M Clutch, fuse 2.5 amp

**50270-X211** 12 volt DC 1B Pulley E/M Clutch, fuse 5 amp.

**50270-X311** 24 volt DC 1B Pulley E/M Clutch, fuse 2.5 amp.

'X' = 0, flanged ports, 'X' = 2, BSP ports.

For service and spare parts listing see pages 152-176.



### 50220 Series Electric Clutch Pumps

Very heavy duty bilge, deckwash, and fire fighting pump belt driven from the engine, for leisure and commerical craft.

- 2925 usgph (11700 lph) at 10ft (3m) total head @ 1.500 rpm
- Self-priming up to 15ft (4.5m) vertical lift. ■ Bilge debris present no problems to this robust
- bronze bodied flexible impeller pump. ■ Can be remotely controlled from outside the
- engine room and can be automatically shut off by fitting a vacuum cut off switch.
- Neoprene impeller is fitted as standard.

Fitting: 11/2" flange

Size: 9<sup>1</sup>/<sub>2</sub>" long x 6" wide x 7" high (239mm x 153mm x 178mm).

Weight: 25lbs (11.2kg).

**50220-0011** 12 volt DC 2A Pulley E/M Clutch, fuse 5 amp.

**50220-0111** 24 volt DC 2A Pulley E/M Clutch, fuse 2.5 amp.

**50220-0211** 12 volt DC 1B Pulley E/M Clutch, fuse 5 amp. **50220-0311** 24 volt DC 1B Pulley E/M

Clutch, fuse 2.5 amp

For service and spare parts listing see pages 152-176



### **50200 Series Electric Clutch Pumps**

Very heavy duty bilge, deckwash, and firefighting pump belt driven from the engine, for leisure and commerical craft.

- 2925 usgph (11700 lph) at 10ft (3m) total head
- Self-priming up to 15ft (4.5m) vertical lift
- Bilge debris present no problems to this robust bronze bodied flexible impeller pump.
- Can be remotely controlled from outside the engine room and can be automatically shut off by fitting a vacuum cut off switch.
- Neoprene impeller is fitted as standard. Fitting 11/2" BSP internal thread.

**Size:** 91/2" long x 6" wide x 7" high (239mm x 153mm x 178mm).

Weight: 25lbs (11.2kg).

**50200-2011** 12 volt DC 2A Pulley E/M Clutch, fuse 5 amp.

**50200-2111** 24 volt DC 2A Pulley E/M Clutch, fuse 2.5 amp **50200-2211** 12 volt DC 1B Pullev E/M

**50200-2311** 24 volt DC 1B Pulley E/M Clutch, fuse 2.5 amp.

Clutch, fuse 5 amp

For service and spare parts listing see pages 152-176.



### **50580 Series Electric Clutch Pumps**

Heavy duty bilge and deckwash pump belt driven from the engine, for leisure and commerical craft.

- 1470 usgph (4880 lph) at 10ft (3m) total head @ 1,500 rpm.
- Self-priming up to 15ft (4.5m) vertical lift. ■ Bilge debris present no problems to this robust
- bronze bodied flexible impeller pump. Can be remotely controlled from outside the engine room and can be automatically shut off by fitting a vacuum cut off switch.
- Neoprene impeller is fitted as standard.

Fitting: 1" BSP internal thread

6<sup>1</sup>/<sub>2</sub>" long x 5" wide x 7" high (160mm x 120mm x 178mm).

Weight: 11lbs (5kg).

**50580-2001** 12 volt DC 2A Pulley E/M Clutch, fuse 5 amp

**50580-2101** 24 volt DC 2A Pullev E/M

Clutch, fuse 2.5 amp. **50580-2201** 12 volt DC 1B Pulley E/M Clutch, fuse 5 amp.

**50580-2301** 24 volt DC 1B Pulley E/M Clutch, fuse 2.5 amp

For service and spare parts listing see pages 152-176



### Engine Driven, Manual Clutch Pumps

### Designed for European Market



### 51270-9013 Manual Clutch Pumps

This manually activated clutch pump offers all the benefits of flexible impeller pumps with a high capacity flow rate and horizontally oriented

- 4100 usgph (16350 lph) at 10ft (3m) total head @ 1500 rpm.
- Self-priming to 15ft (4.5m) vertical lift.
- Mechanical face type shaft seal.
- Nitrile impeller.
- Clutch pulley accommodates both A and B size belts

■ Two single-row shaft ball bearings

Fitting: 2" NPT.

12<sup>7</sup>/<sub>16</sub>" long x 5<sup>15</sup>/<sub>16</sub>" wide (excluding Size: pulley) x 87/8" high; Pulley dia. 7".

Weiaht: 24lb (11ka).

51270-9013 Pump with Nitrile Impeller, Full Cam and Mechanical Seal

For service and spare parts listing see pages 152-176.



### 51200-9013 Manual Clutch Pumps

This manually activated clutch pump offers all the benefits of flexible impeller pumps with a substantial flow rate.

- 2925 usgph (11700 lph) at 10ft (3m) total head @ 1500 rpm
- Self-priming to 15ft (4.5m) vertical lift.
- Mechanical face type shaft seal.
- Nitrile impeller
- Clutch pulley accommodates both A and B size belts

Double-row ball bearing.

Fitting: 11/2" NPT.

95/8" long x 515/16" wide Size: (excluding pulley) x 87/8" high; Pulley diameter - 7".

Weight: 18lb (8kg)

51200-9013 Pump with Nitrile Impeller,

Full Cam and Mechanical

For service and spare parts listing see pages 152-176.



### 6590-0005 Manual Clutch Pumps

This manually activated clutch pump offers all the benefits of flexible impeller pumps with a substantial flow rate and horizontally oriented

- 3525 usqph (14100 lph) at 10ft (3m) total head @ 1750 rpm
- Self-priming to 10ft (3m) vertical lift.
- Nitrile impeller.
- Clutch pulley accommodates a B size belt.
- Double-row ball bearing.

Fitting: 11/4" NPT.

8<sup>1</sup>/<sub>16</sub>" long x 5<sup>1</sup>/<sub>2</sub>" wide Size: (excluding pulley) x 81/8" high; Pulley diameter - 6".

Weight: 18lb (8kg)

6590-0005

Pump with Nitrile Impeller, Full Cam and Mechanical

For service and spare parts listing see pages 152-176.



### 51580-9001 Manual Clutch Pumps

This manually activated clutch pump offers all the benefits of flexible impeller pumps with a moderate flow rate and horizontally oriented

- 1470 usgph (4880 lph) at 10ft (3m) total head @ 1500 rpm
- Self-priming to 15ft (4.5m) vertical lift.
- Mechanical face type shaft seal.
- Neoprene impeller.
- Clutch pulley accommodates both A and B
- Spaced sealed for life bearings

7<sup>13</sup>/<sub>16</sub>" long x 4<sup>3</sup>/<sub>4</sub>" wide (excluding pulley) x 79/16" high; Pulley diameter - 6".

Weight: 9lb (4kg)

51580-9001 Pump with Manual Clutch.

For service and spare parts listing see pages 152-176.

### Engine Driven, Manual Clutch Pumps



### Designed for European Market



### **51270 Series Manual Clutch Pumps**

Very heavy duty bilge, deckwash, and fire-fighting pump belt driven from the engine, for leisure and commerical craft.

- 4100 usgph (16350 lph) at 10ft (3m) total head @ 1,500 rpm.
- Self-priming up to 15ft (4.5m) vertical lift.
- Bilge debris present no problems to this robust bronze bodied flexible impeller
- Dependable manual control will operate even under the toughest conditions.
- Clutch pulley will accommodate both A and B type pulley belts.

- Easily serviced and maintained
- Neoprene impeller is fitted as standard.

Fitting: 2" BSP Internal Thread/ Optional 2" Flange

> 12" long x 7" wide x 9" high (316mm x 170mm x 224mm)

Weight: 25lbs (11kg).

51270-0011 Manual Clutch, flanged

**51270-2011** Manual Clutch, BSP ports.

For service and spare parts listing see pages 152-176.



### **51220 Series Manual Clutch Pumps**

Very heavy duty bilge, deckwash, and fire-fighting pump belt driven from the engine, for leisure and commerical craft.

- 2725 usgph (11700 lph) at 10ft (3ft) total head @ 1,500 rpm.
- Self-priming up to 15ft (4.5m) vertical lift.
- Bilge debris present no problems to this robust bronze bodied flexible impeller
- Dependable manual control will operate even under the toughest conditions.

- Clutch pulley will accommodate both A and B type pulley belts.
- Easily serviced and maintained. Neoprene impeller is fitted as standard.
- Fitting: 11/2" flange.

11<sup>1</sup>/<sub>2</sub>" long x 6" wide x 9" high

(292mm x 152mm x 226mm) Weight: 22lbs (10kg)

51220-0011 Manual Clutch For service and spare parts listing see pages 152-176.



### **51200 Series Manual Clutch Pumps**

Heavy duty bilge and deckwash pump belt driven from the engine, for leisure and commerical craft.

- 2925 usgph (11700 lph) at 10ft (3m) total head @ 1,500 rpm.
- Self-priming up to 15ft (4.5m) vertical lift.
- Bilge debris present no problems to this robust bronze bodied flexible impeller
- Dependable manual control will operate even under the toughest conditions.
- Clutch pulley will accommodate both A and B type pulley belts.

- Easily serviced and maintained.
- Neoprene impeller is fitted as standard, optional nitrile impeller available.

Fitting: 11/2" BSP internal thread.

91/2" long x 6" wide x 9" high (244mm x 150mm x 226mm).

51200-2011 Manual Clutch.

Weight: 18lbs (8kg).

For service and spare parts listing see pages 152-176.



### **5**1580 Series Manual Clutch Pumps

Heavy duty bilge and deckwash pump belt driven from the engine, for leisure and commerical craft.

- 1470 usgph (4880 lph) at 10ft (3m) total
- Self-priming up to 15ft (4.5m) vertical lift. ■ Bilge debris present no problems to this robust bronze bodied flexible impeller pump.
- Dependable manual control will operate even under the toughest conditions.
- Clutch pulley will accommodate both A and B type pulley belts.

Easily serviced and maintained.

■ Neoprene impeller is fitted as standard. Fitting: 1" BSP internal thread.

8" long x 5" wide x 71/2" high (198mm x 120mm x 189mm).

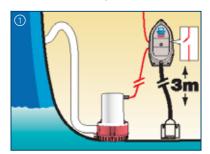
Weight: 11lbs (5kg). 51580-2001 Manual Clutch.

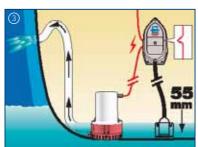
For service and spare parts listing see pages 152-176.

### **Hydro Air Switch**

Ultra reliable bilge switch, which will automatically operate bilge pumps once water level reaches 21/4" (55mm). As water rises in the bilge, air pressure in the bell and tube increases, operating a diaphragm switch in the switch unit. All electrical components are clear of the water and no sensitive electronics are used.

- Proven highly reliable design using new moulding techniques.
- Styling compliments modern interiors.
- Automatic operation of bilge pumps or audible and visual high water level alarms.





■ Turns on at 2<sup>1</sup>/<sub>4</sub>" (55mm), off at 1" (25mm).

■ Diaphragm switch can be mounted up to 10ft (3m) above plastic airbell.

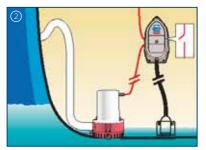
Switch - 6" x 13/4" x 3" (15.3cm long x 4.5cm high x 7.5cm wide). Airbell - 23/8" x 11/4" x 4" (6cm long x 3cm wide x 10cm high).

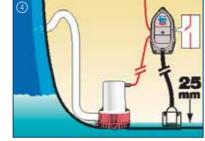
Weight: Switch - 1/2lb (0.2kg).

**59400-0012** Hydro Air Switch for 12 volt DC, up to 20 amps.

**59400-0024** Hydro Air Switch for 24 volt DC, up to 10 amps.

59407-1000 Replacement Air Bell.





### **Bilge Master**

Water resistant Master Panel with 3-way switch and front access fuse holder for any automatically controlled 12 or 24 Volt dc electric (or electromagnetic clutch) bilge pump to 30 amps.

- Water resistant switch and fuse holder allows mounting in exposed positions.
- Amber light shows that automatic mode is set, whilst red light shows whenever pump

Not available in the USA

**Size:**  $3^{7}/8$ " wide x  $2^{3}/8$ " high (10cm x 6cm). Weight: 1/4lb (0.1kg).

29140-0000 Illuminated switch panel, for 12 and 24 Volt dc up to 30 amps complete with 5, 10, 20 and 30 amp

### **Accessories**



Padlock NOT included



### Y-Valve

Robust Y-Valve for use in bilge applications. Allows two bilge sections to be emptied by one pump.

- Rotating ports allow routing of hoses onto the valve from almost any direction.
- Can be operated through bulkhead by use of optional handle extension.
- Waste and corrosion resistant construction throughout.
- Can be padlocked.

Fitting: Connections for with both 11/2" (38mm) ports and extra 1" (25mm) straight inlet port.

 $7^5/8$ " long x  $7^1/4$ " wide x  $4^5/8$ " high (20cm x 19cm x 12cm).

Weight: 2lb (0.9kg).

45490-1000 Y-Valve.

45500-1000 Handle Extension Kit.

45488-0000 Service Kit.

45493-0000 Replacement Handle.

18753-0661 Replacement Ports Kit.



### **Bilge Strainers with Non-return Valves**

Stop bilge debris blocking inlet suction hose and reduces the risk of debris entering and blocking the gump.

- Available to suit <sup>3</sup>/<sub>4</sub>", 1" and 1<sup>1</sup>/<sub>2</sub>" (19mm, 25mm and 38mm) ID hose.
- Non-return valve fitted to stop bilge water draining back when pumping stops.
- Repositional ports allow horizontal, vertical or sideways hose leads.
- Easily removable strainer plate for cleaning.
- Corrosion resistant materials throughout.

*Fitting:* Connections for  $^{3}/_{4}$ ", 1" or  $1^{1}/_{2}$ "

(19mm, 25mm or 38mm) ID hose. 6<sup>3</sup>/<sub>4</sub>" long x 2<sup>3</sup>/<sub>4</sub>" wide x 2<sup>1</sup>/<sub>2</sub>" high (17cm x 7.2cm x 6cm).

Weight: 1/4 lb (0.1 kg).

**29290-1020** Bilge Strainer for

3/4" (19mm) ID Hose

**29290-1000** Bilge Strainer for

1" (25mm) ID Hose.

**29290-1010** Bilge Strainer for

11/2" (38mm) ID Hose.

### Vacuum Switch

Protects any 12 or 24v dc electric, or electromagnetic clutch, bilge pump up to 15 amp from dry running drainage - especially flexible impeller designs.

- Manual start, automatic stop remote start possible
- Vacuum sensor shuts off power to pump motor or clutch when bilges are clear.
- Simply mounts between bilges and pump.
- Some Jabsco pumps have integral mounting point.

Fitting: Connection for 1/4" female thread and supplied with 1/4" x close nipple. Suitable for 12 and 24 volt DC, 220 volt AC, up to 15 amp, 110 volt AC up to 10 amp. For remote start, install 15 amp push button next to Master Switch.

Size: 4" diameter x 31/2" high (11cm x 9cm). Weight: 11/2lb (0.7kg).

**4732-0000** Vacuum Switch.



### WARNING

Jabsco Vacuum Switch is not ignition protected, do not install where flammable vapors are present.

ivewell/Baitwell Pumps

### Livewell/Baitwell Pumps

### **Livewell/Baitwell Pumps**

The Livewell/Baitwell pumps are built on Rule's unsurpassed quality and leadership in pump design and technology. The innovative design includes many new and exciting features including: a quick, one hand "push button" motor cartridge removal system, patented rotatable base that allows you to position the discharge nozzle at any location and threaded nylon hose barb attachments which allow for various hose mounting options.

Other features include a built-in dual port option, water-cooled housing and positive snap motor cartridge locking mechanism. Pumps are available in 500 GPH, 800 GPH and 1100 GPH and are fitted for transom or seacock mounting options.

Head Height			
Capacity	0,	3.35' (1m)	6.7' (2m)
500 GPH	500 (1895L)	340 (1286L)	100 (378L)
800 GPH	800 (3027L)	490 (1854L)	320 (1211L)
1000 GPH	1000 (3784L)	710 (2686L)	440 (1665L)
1100 GPH	1100 (4162L)	790 (2989L)	480 (1816L)

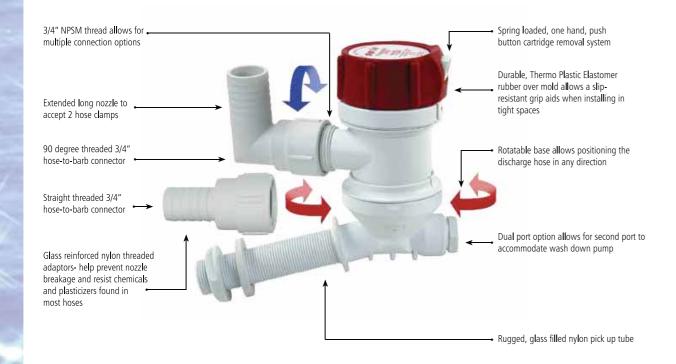
### Tips on selecting a **Livewell Pump**

- Always select a pump that will deliver enough water to replace livewell water every 10 minutes.
- Bigger is not better—too much pump capacity could lead to air locks.
- Mount the pump as low and close to the hull as possible

"C" series with 4" (102mm) angled pick up tube for thru hull applications

"STC" series with 4 3/4" (121mm) straight pick up tube for thru hull applications

"FC" series with 1" (25mm) pick up tube for seacock

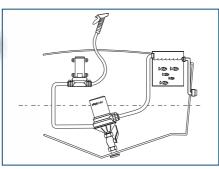


### Livewell/Baitwell Pumps



### **Tournament Series Dual Port 1600** G.P.H (6054 L.P.H.) Livewell Pump

Engineered to withstand the rigors of tournament fishing the Tournament Series pump is the highest capacity Livewell pump in today's market.



This model features a glass filled nylon dual port base for optional washdown pump connection, Anti-Airlock feature and a heavy duty long life motor. The pump has a 1" NPT female intake, 1%" discharge outlet and a 1/2" NPT threaded port for washdown installation. 12 volt DC.

**209FDP** 1600 GPH (6054 LPH)



### **Tournament Series Bronze Base 1600** G.P.H (6054 L.P.H.) Livewell Pump

209B

Designed for the toughest applications the Tournament Series pump is the highest capacity livewell pump in today's market. Pump features a bronze base, Anti-Airlock feature, and a heavy duty long life

motor. 1" (25mm) NPT female intake and 11/4" (29mm) discharge outlet. 12 volt DC.

1600 GPH (6054 LPH) Bronze



### **Gentle-Flow™ Oxygenator**

Designed with the patented infuser technology and a Gentle-Flow directional discharge, the Rule Gentle-Flow™ Oxygenator is the ideal system for keeping bait and catch alive and healthy. The patented infuser technology introduces air into the base of the livewell pump through the air control center producing millions of micro-fine bubbles. Because the bubbles are so small, they remain suspended in the

water longer, providing more aeration to your delicate bait and catch. Designed to fit almost any custom tank. Kits come complete with a pump, directional discharge, intake strainer, hose and intake

255 700 GPH (2650 LPH) ideal for 25lbs (11kg) of bait.

256 1100 GPH (4162 LPH) ideal for 50lbs (23kg) of bait

# 5

### Livewell/Aerator



### "C" Series Tournament Series™ Angled Inlet

For Thru-Hull Applications Angled 4" (102mm) Pickup Tube. 12 volt DC.

**401C** 500 GPH (1893 LPH), ¾" (19mm) discharge hose, fuse 2.5 amp.

**403C** 800 GPH (3028 LPH), 34" (19mm) discharge hose, fuse 5 amp.

**405C** 1000 GPH (3785 LPH), 1½" (29mm) discharge hose, fuse 6 amp.



### "STC" Series Tournament Series™ Straight Inlet

For Thru-Hull Applications Straight 43/4" (121mm) Pickup Tube. 12 volt DC.

**401C** 500 GPH (1893 LPH), ¾" (19mm) discharge hose, fuse 2.5 amp.

**403C** 800 GPH (3028 LPH), ¾" (19mm) discharge hose, fuse 5 amp.

**405C** 1000 GPH (3785 LPH), 11/6" (29mm) discharge hose, fuse 6 amp.



### "FC" Series Tournament Series™ Seacock Inlet

For Seacock Applications Straight ¾" (19mm) Tube with Tapered Threads. 12 volt DC.

**401FC** 500 GPH (1893 LPH), ¾" (19mm) discharge hose, fuse 2.5 amp.

**403FC** 800 GPH (3028 LPH), 34" (19mm) discharge hose, fuse 5 amp.

**405FC** 1100 GPH (4162 LPH), 11/6" (29mm) discharge hose, fuse 6 amp.



### **Replacement Motor Cartridges**

Replacement Motor Modules for all Tournament Series™ Aerator Pumps.

**45DR** 500 GPH (1893 LPH), fuse 2.5 amp. **46DR** 800 GPH (3028 LPH), fuse 5 amp.

 $\ensuremath{\textbf{47DR}}$  1100 GPH (4162 LPH), fuse 6 amp.

### Livewell/Aerator





### **Rule Oxygenator Systems**

High performance live-bait aerators keep bait and catch alive and healthy in a smaller amount of water. Air is infused with the water at the pump impeller, then millions of micro-fine bubbles are produced and sent gently out of the pump into the livewell. Because the bubbles are so fine, they remain suspended in the water longer and more aeration is provided for your delicate bait and catch. 12 volt DC.

500 GPH Oxygenator System - ideal for 10lbs (5kg) of bait.

**251** 800 GPH Oxygenator System - ideal for 25lbs (11kg) of bait.

2 1100 GPH Oxygenator System - ideal for 50lbs (23kg) of bait.



### **Livewell Aerator Kit**

Rule's Livewell Aerator Kit is designed for any built-in livewell or baitwell tank. The kit comes with a Rule 500 GPH (1893 LPH) pump with 6' (1.8m) wire leads, 4' (1.2m) of ¾" (19mm) bilge hose, Model 78 Oxygenator Spray Head, and Model 49 On/Off Switch. 12 volt DC.

201K

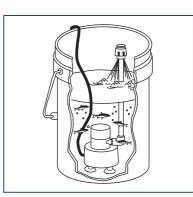


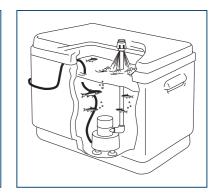
### **Portable Aerator Kit**

Aerates from 5 to 30 gallons (19 to 113 liters) of water. The Rule 460 GPH (1741 LPH) pump attaches easily to any non-porous surface. 9" (229mm) long spray tube can be custom cut to fit into any container. A fully adjustable spray head increases or

reduces flow of water. Foam filtration system keeps water sparkling clean. The kit also includes battery clips for easy attachment to your 12 volt power source. 12 volt DC.

202K







### **Transom Mount Livewell Pumps**

Rule introduces a lineup of Transom Mounted Aerator Pumps. This allows the fisherman to have professional aeration of his livewell without the need to install a pump through the hull. The unique "quick-release" pump with strainer base assembly snaps easily into the transom bracket provided. At the end of the day, the pump can be removed for storage. Pumps feature 6' (1.8m) wire leads. 12 volt DC.

24TB 360 GPH (1363 LPH).
25DTB 500 GPH (1893 LPH).
20RTB 800 GPH (3028 LPH).
27DTB 1100 GPH (4162 LPH).
265 Bracket Only.

65

### Livewell/Aerator





### Replacement Motor Cartridges Original Pro-Series™ Livewell Pumps

Replacement motor cartridges for Rule Cartridge Bilge pumps and Livewell/Aerator pumps. 12 volt DC. **25DR** Replacement Motor Cartridge 500 gph (1893 lph).

**20RR** Replacement Motor Cartridge 700 gph (2650 lph).

**27DR** Replacement Motor Cartridge 1100 gph (4162 lph).



### **Gentle Flow™ Directional Discharge**

Rule Gentle-Flow™ Directional
Discharge creates a gentle flow of
water into your livewell/baitwell tank
that can be positioned in any
direction. The gentle circular water
flow reduces turbulence keeping
delicate bait fish alive and healthy.

257 ¾" (19mm). 258 1½" (29mm).

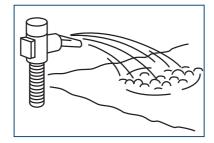
**259** 1½" (38mm).



### **Oxygenator Spray Head**

Rule's Oxygenator spray head sprays streams of water back into the livewell tank enriching the water with oxygen. Adjustable spray head allows you to increase or decrease flow of water. For use with ¾" (19mm) hose.

78

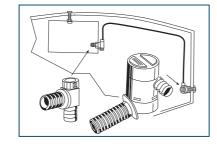




### **Variable Flow Control**

The Variable Flow Control Valve allows increases and decreases of flow with no damage at all to the pump. Range includes fully open flow to zero flow.

**7**5

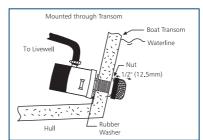


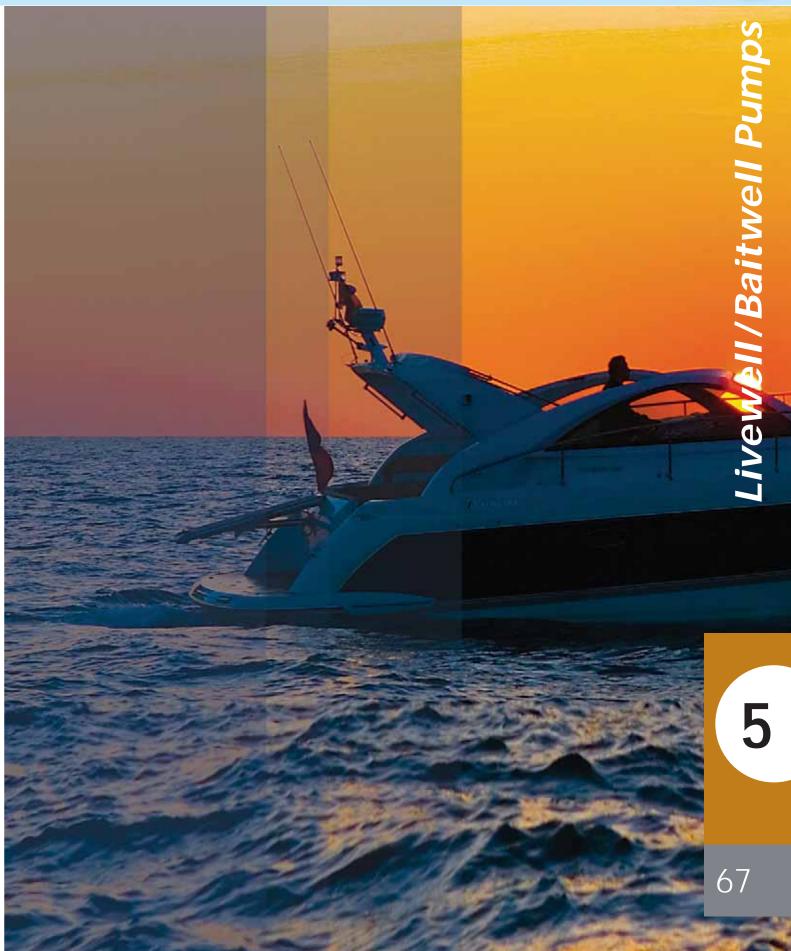


### **Livewell Pump Debris Strainer**

The Livewell Pump Debris Strainer attaches directly to any pickup tubes on Rule Livewell Pumps. Filters out trash and debris which could clog pump. Stainless steel wire mesh, ¾" (19mm) female NPSM threads.

**7**5





# **JABSCO**°



### Porta-Quick™

The Porta-Quick™ Portable Oil Changer makes quick, clean and easy oil changes on-board any boat, because it uses the vessel's own power supply to operate the powerful oil reservoir mounted flexible impeller pump.

- 14 Quart (13 litre) container easily handles two engines.
- Sturdy bronze pump head.
- High temperature resistant Teflon™ dip-stick probe.
- Non-collapsible thick wall suction hose.
- Garden hose thread adapter included, for dip-sticks with GHT male threaded ends.

■ Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protected)

15<sup>5</sup>/<sub>8</sub>" high x 13<sup>1</sup>/<sub>2</sub>" diameter

(35cm x 34cm). Hose - 1/2" (13mm) ID x 48" (120cm) long. Probe - 1/4" (6.5mm) OD x 40"

(100cm) long. Weight: 9lb (4.1kg)

**17800-2000** 12 volt DC, fuse 15 amp Oil Changer (Non CE).

17800-2024 24 volt DC, fuse 8 amp Oil Changer

9200-0023 Replacement Nitrile

Impeller.



### **DIY Oil Changer**

The DIY Oil Changer is simple to use, and offers quick and easy oil changes for the leisure boat owner.

- Tested for 1400 cycles.

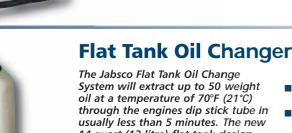
- Fully assembled.
- 14 Quart (13 litre) container.

- 8' (2.49m) dipstick hose.

### Size:

15" high x 14" diameter (35cm x 34cm). Weight: 6lb (2.7kg).

17850-1012 12 volt DC, fuse included



System will extract up to 50 weight oil at a temperature of 70°F (21°C) through the engines dip stick tube in usually less than 5 minutes. The new 14 quart (13 litre) flat tank design makes for a clean and simple oil change on any boat and allows trouble-free disposal due to the stable, easy to carry design.

- Powerful suction pump with integral On/Off
- Complete ready to use.
- 14 Quart (13 litre) NEW flat tank design for

more stable use.

- 7 ft (2.1m) power leads with color coded alligator clips
- 8 ft (2.4m) Heat Resistant Teflon<sup>™</sup> Dip Stick
- Ideal for most marine engines.
- Complies with USCG 183.410 and ISO 8846 Marine (Ignition Protection).

19" high x 12" wide x 6.5" deep (483mm x 305mm x 165mm).

Weight: 5lb (2.3kg).

**17860-0012** 12 volt DC, fuse 5 amp.



### **Oil Change Pump**

The Oil Change Pump is the same high quality pump used in the Jabsco multi-engine Oil Change System. The powerful pump can change oil in a typical V-8 engine in just minutes.

- Pump is reversible to both drain and refill
- Self-priming to 3ft (1m) of lift.
- Includes <sup>3</sup>/<sub>8</sub>" NPT full flow ball valve.
- Reversing switch guard to avoid accidental
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protected).

Fitting: Connections for 3/8" NPT male threaded fitting.

 $7^{7}/8$ " long x  $3^{3}/4$ " wide x  $4^{7}/16$ " high (20cm x 10cm x 11cm).

Weight: 9lb (4.1kg).

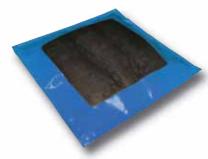
**17830-0012** 12 Volt DC, fuse 15 amp Oil Change Pump.

17830-0024 24 Volt DC, fuse 8 amp Oil Change Pump.

9200-0023-P Nitrile Impeller.

For service and spare parts listing see page 185.

# Oil Change Pumps



### Maintenance Pad

Environmental responsibility is a key factor today and the Jabsco Maintenance Pad uses proprietary technology to absorb, encapsulate and biodegrade used engine oil.

- Handles 5 Quarts (4.72 litres) of used engine oil.
- Passes EPA, TCLP 'Toxic Characteristic Leaching Potential' and 'One Drop Rule Tests'. \*Only available in North America.
- Also suitable for other hydrocarbon based

Size: 22" x 22" x 1.5"

(558mm x 558mm x 38mm) Weight: 2.5lb (5.5kg) empty

17890-0000 Maintenance Pad



### **Gear Puppies**

These robust pumps make oil and diesel transfer simple and easy for fixed installation systems. The Junior Gear Puppy can produce 3.5 gpm (14 lpm) and the Gear Puppy can produce up to 6.5 gpm (25 lpm) and handle viscosities up to 150cs

- Rugged bronze construction.
- Inlet filter supplied.
- Suitable for oils up to 150 Cs.
- Complies with USCG 183.410 and ISO 8846 MARINE (ignition protection).
- Self priming to 3ft (1m). 15 minute duty rating.

23230-Series 4" x 7" x 7" (9.5cm x 17.5cm x 17.8cm) Weight: 23220-Series 4.8lb (2.2kg). 23230-Series 7lb (3.2kg).

23220-2012 12 volt DC, fuse 10A, Junior Gear Puppy. 23220-2024 24 volt DC, fuse 5A

23220-Series: 3" x 6.5" x 5.5"

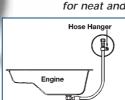
(8cm x 16.6cm x 13.6cm).

Junior Gear Puppy. 23230-2012 12 volt DC, fuse 15A, Gear Puppy.

23230-2024 24 volt DC, fuse 7.5A, Gear Puppy.

### **Permanent Oil Drain Hose Kit** The Jabsco Oil Drain Hose includes

a drain plug fitting, oil drain hose assembly, hose hanger and a cap. This provides an easy method of connecting to several pump types for neat and easy oil removal.



- Reinforced flexible oil rated drain hose.
- 1/2"-20 threaded oil drain fitting with two hose connection points to assure hose is oriented in desired direction.
- Hose hanger secures hose end above oil. ■ Threaded cap seals hose end.

Hose - 3/8" ID x 48" long Drain fitting - 1/2"-20 thread.

Weight: 1lb (0.5kg.) **18080-0000** Hose & Drain Fitting.

Carton: 12 Kits.

Not recommended for automobiles with drainplugs exposed to potential road hazard damage.



### Oil Changer System

The Oil Change System consists of a robust self-priming flexible impeller pump mounted to an easy to install base and coupled to a five port manifold, factory fitted with three full flow ball valves.

- The system includes a pump reversing switch to pump used oil out and new oil in.
- The system cover includes a hinged valve cover to protect them from being accidentally opened.
- The valve cover will not close after an oil change unless valves are securely closed.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protected).

5<sup>1</sup>/<sub>4</sub>" high x 10<sup>7</sup>/<sub>8</sub>" wide x 11" deep Size: (13cm x 28cm x 28cm). Ball Valves - 1/2" NPT.

Weight: 9lb (4.1kg).

**17820-0012** 12 volt DC, fuse 15 amp Oil Change System.

**17820-0024** 24 volt DC, fuse 8 amp Oil Changer System. 9200-0023 Replacement Nitrile

Impeller. 98024-0000 Additional 1/2" Ball Valve.

For service and spare parts listing see page 185.

# Oil Change & Diesel Transfer Pumps



#### **Engine Oil Drain Pump**

Polished brass hand pump connects directly to engine oil dipstick tube on many popular marine engines such as OMC and Mercruiser.

■ Screws onto threaded male 3/4" garden hose (GHT) fitting on top of dipstick tube.

■ Gives simple "one-hand" pumping.

■ Complete with 2ft (60cm) of <sup>1</sup>/<sub>2</sub>" (13mm) ID drain hose

Fitting: Connection for 3/4" GHT male thread.

10<sup>1</sup>/<sub>4</sub>" long x 1<sup>1</sup>/<sub>4</sub>" diameter (26cm x 3.2cm).

Weight: 1lb (0.5kg).

34060-0130 Engine Oil Drain Pump.



#### **Handy Boy Utility Pump**

Versatile polished brass multi-purpose hand pump.

■ Drain, fill or top up engine and gearbox oil.

Overcomes problem of hard to reach drain plugs and filler caps.

■ Oil and corrosion resistant brass neoprene construction with up to 11/2 gpm (6 lpm)

■ 1001 other uses on any boat.

Fitting: Connection for 1/2" (13mm) ID hose. Foot adaptor for 1/2" (13mm) ID hose

2 each 1/2" (13mm) ID hoses, 1 each 5/16" (6.5mm) probe, 1 each 1/4" (6mm)

12" long x 11/4" diameter (31cm x 3cm).

Weight: 2lb (0.9kg).

33799-0000 Handy Boy.



#### **Little Pal Utility Pump**

Compact polished brass multi-purpose hand pump.

■ Ideal for small engine and gearbox oil drain.

■ Simply pump old oil out with dipstick probe.

Oil and corrosion resistant brass and neoprene construction with up to 1 gpm (4 lpm) output.

■ Small enough to fit any tool box.

Fitting: Connection for 1/2" (13mm) ID hose. 1 x 1/4" (6mm) probe.

10<sup>1</sup>/<sub>4</sub>" long x 1<sup>1</sup>/<sub>4</sub>" diameter (26cm x 3cm).

Weight: 1lb (0.5kg).

34060-0010 Little Pal.



#### Sliding Vane 18680 - 6 gpm

Light duty, 30 minute rated diesel pump.

■ 6 gpm (23 lpm) at 10ft (3m) head.

■ 30ft (9m) maximum total head.

■ Self-priming up to 3ft (1m) vertical lift.

■ Duty cycle-30 minutes at 10ft (3m) at 86°F

■ Rugged bronze pump head.

■ Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for 1/2" NPT and 1" (25mm) hose.

7" long x 43/4"wide x 33/8" high (18cm x 12cm x 9cm).

Weight: 5.5lb (2.5kg).

**18680-0920** 12 volt DC model. 18680-0940 24 volt DC model. 90200-0001 Service Kit.

For service and spare parts listing see page 182.



# Sliding Vane 18680 - 6 gpm Reversible

Light duty, 30 minute rated diesel pump with integral reversing switch.

■ 5 gpm (19 lpm) at 10ft (3m) head.

■ 20ft (6m) maximum total head. ■ Self-priming up to 3ft (1m) vertical lift.

■ 22°F (-30°C) to 100°F (+40°C) operating temperature range.

■ Duty cycle-30 minutes at 10ft (3 metres) at

■ Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

 $\emph{Fitting:} \ \mbox{Connections for $^1/_2$" NPT and }$ 1" (25mm) hose.

8" long x 4<sup>3</sup>/<sub>4</sub>"wide x 3<sup>1</sup>/<sub>4</sub>" high (20cm x 12cm x 8cm).

Weight: 5.5lb (2.5kg).

18680-1000 12 Volt dc model, fitted with reversing switch.

90201-0000 Service Kit.

For service and spare parts listing see page 182.

# Diesel Transfer Pumps



#### Sliding Vane 18685 - 7 gpm

Continuously rated duty, AC diesel or light oil transfer pump.

■ 7.8 gpm (29.5 lpm) output at 3m (10ft) total head.

■ Self Priming up to 1.5m (5ft) vertical lift.

■ 20 ft. (6 m) maximum head.

Fitted with Thermal overload protection and 6ft power cord with 3 prong grounded

Fitting: Connections for 1/2" NPT (12mm) or 1" (25mm) ID hose.

91/2" long x 43/4" wide x 6" high (24cm x 12 cm x 15cm).

Weight: 141/2lb (6.5kg)

18685-0000 115 volt AC model,

1/8hp, 60Hz TENV, 3450 rpm (Non CE).

JABSCO\*

For service and spare parts listing

see **page 187**.



## **Slimline Pumps**

Rule has developed a family of compact combination Submersible and Inline pumps and Portable Pump Kits designed for a wide variety of uses, both onboard and ashore. There are four models in the Slimline Series which include strainers for use in submersible mode or, when the filter is removed, for use in the inline pumping mode. These pumps are capable of pumping hot or cold fresh water, seawater, antifreeze and even diesel.

The pumps can be used to pump bilge water from tight spaces, as deck showers, for general wash down, water and diesel transfer or engine winterizing.

- Delivers up to 500 gph (1892 lph).
- Pumps fresh and seawater, diesel and anti-freeze
- Wash down for cars, vehicles, anchors and decks.
- Deck shower.
- Under engine bilge pumping.
- Diesel refueling and transfer.
- Garden watering.
- Container filling and emptying.
- Sink draining.
- Engine winterizing.

iL500P 500 gph (1892 lph), 12 volt iL500P-24

24 volt. iL280P 280 gph (1059 lph),

500 gph (1892 lph),

iL280P-24 280 gph (1059 lph),

iL200P 200 gph (756 lph), 12 volt. iL200P-24 200 gph (756 lph), 24 volt.



#### WARNING

Sliding Vane Pumps must not be used for gasoline, petroleum products or any fluid with a flash point below 98°F (37°C).

# Diesel Transfer Pumps



#### **Sliding Vane 23870**

Light duty, 35 minute rated diesel

- 9 gpm (35 lpm) at 10ft (3m) head.
- 20ft (6m) maximum total head.
- Self-priming up to 9ft (2.8m) vertical lift.
- 22°F (-30°C) to 104°F (+40°C) operating temperature range.
- 35 minutes at 10ft (3m) at 86°F (30°C).
- IP55 Motor.
- Integral switch and fuse fitted as standard.
- Accessories available.
- ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for 3/4" (19mm) ID hose. 7" long x 5<sup>1</sup>/<sub>2</sub>" wide x 4<sup>1</sup>/<sub>2</sub>" high (19cm x 11cm x 14cm).

Weight: 4.4lb (2kg).

23870-1200 12 volt DC model, fitted switch, fuse 20 amp.

23870-1300 24 volt DC model, fitted switch, fuse 10 amp.

**SK399-0101** Service Kit.

For service and spare parts listing see page 187.



# **Sliding Vane VR050**

Continuously rated, diesel pump.

- 13.7 gpm (50 lpm) at 10ft (3m) total head.
- Self-priming up to 9.6ft (3m) vertical lift.
- Optional fitted switch, fuse and ports.
- 22°F (-30°C) to 104°F (+40°C) operating temperature range.
- IP55 motor.
- ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for 1" (25mm) ID hose, or <sup>3</sup>/<sub>4</sub>" BSP.

8<sup>1</sup>/<sub>2</sub>" long x 5" wide x 5<sup>1</sup>/<sub>4</sub>" high (23cm x 13cm x 15cm).

Weight: 5kg (11lb).

VR050-1122 1" (25mm) ID hose,

24 volt DC, fuse 10 amp, fitted switch.

**SK421-0000** Service Kit.

For service and spare parts listing see page 187.



# **Sliding Vane VR100**

Heavy duty, continuously rated, diesel pump.

- 28 gpm (105 lpm) at 10ft (3m) total head.
- Self priming up to 16ft (5m) vertical lift.
- Optional fitted switch, fuse and ports. ■ 22°F (-30°C) to 104°F (+40°C) operating
- temperature range.
- IP55 and thermal protected motor.
- ISO 8846 MARINE (Ignition Protection).

Fitting: Connections for 11/4" (32mm) ID hose, or 1" BSP.

10<sup>1</sup>/<sub>2</sub>" long x 5<sup>3</sup>/<sub>4</sub>" wide x 7<sup>1</sup>/<sub>4</sub>" high (27cm x 14.5cm x 18cm).

Weight: 19.8lb (9kg).

VR100-1122 11/4" (32mm) ID hose,

24 volt DC, fitted with 20 amp switch and circuit

breaker.

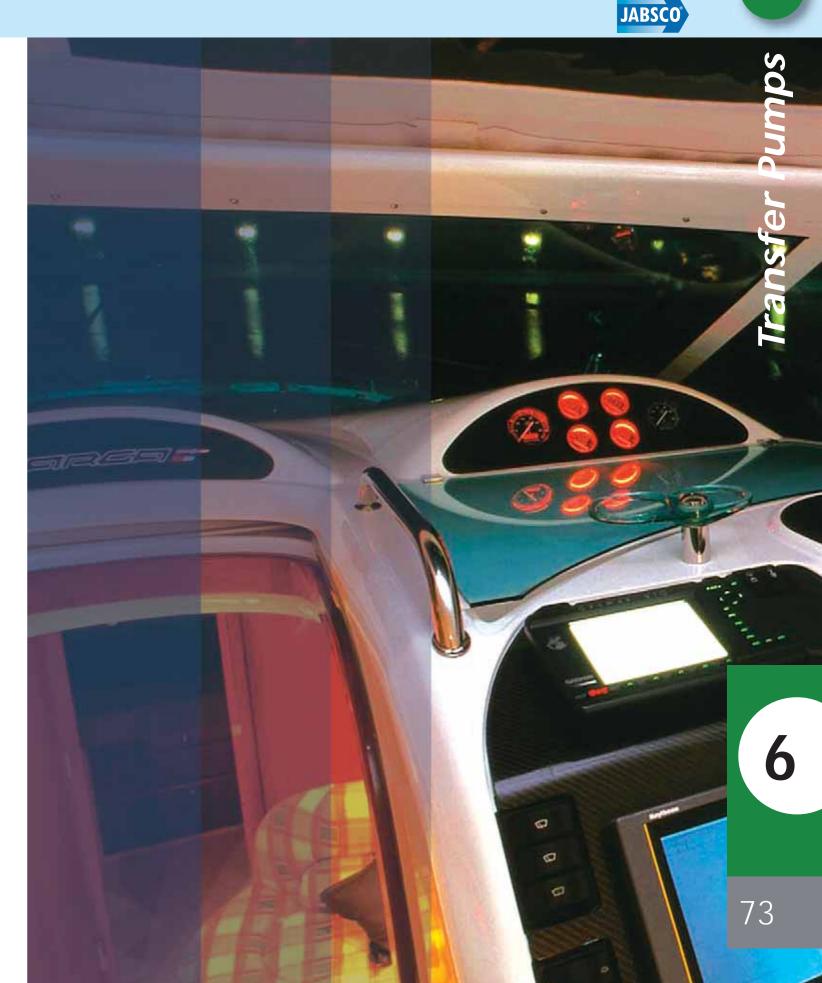
**SK422-0001** Service Kit.

For service and spare parts listing see page 187.



#### WARNING

Sliding Vane Pumps must not be used for gasoline, petroleum products or any fluid with a flash point below 98°F (37°C).



# Introduction



#### **Ballast Pumps**

Today's Wakeboard and Ski tow boats need to be able to take on water ballast to modify their wake formation. A development of our tried and tested Puppy Pumps lets these specialist craft rapidly take on and dump ballast, while modern electronics guard against dry running damage to the impeller.



#### **Shower & Sink Drain**

Jabsco and Rule's broad range of pump types means that we can provide a choice of solutions according to your needs and budget. Diaphragm pumps such as 50880 and PAR-Max are the choice of charter operators - quiet and dry running. Many knowledgeable owners still appreciate the ability of our Puppy pumps to handle a wide



#### **Circulation Pumps**

Centrifugal pumps are the correct product for closed circuit circulation systems, such as Livewell Circulation, Washdown, Central Heating and other flooded suction applications. Jabsco offers purpose designed pumps capable of arduous commercial duty.



#### **AC Pumps**

Jabsco bronze bodied AC motor pumps are self-priming, portable and versatile, making them ideal for a wide range of applications wherever AC power is available.



#### **Specialty Products**

Our Drill pumps are old favorites whose multiple uses keep them in constant demand.



# **Shower Drain Pump**

Robust diaphragm pump suitable for shower and sink drain applications with a multi-positional pump head.

- 4.2 gpm (16 lpm) open flow output at 3ft
- Self-priming up to 10ft (3m) vertical lift allows mounting above wet bilges.
- Flexible Installation.
- Compact and simple design.
- Filter-less
- Quiet running.
- Capable of extensive dry running.
- Corrosion resistant parts.

- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection):
- ISO 8849 MARINE (Bilge Pump Standard).

Fittina: Connections for 3/4" (19mm) ID Hose. 11.7" long x 5.9" wide x 4.4" high (29.7cm x 15cm x 11.1cm).

Weight: 6lb (2.7kg).

**50880-1000** 12 volt DC model, fuse 10 amp.

**50880-1100** 24 volt DC model, fuse 5 amp

**SK880** 

For service and spare parts listing see page 153.

# Shower & Sink Drain Pumps





#### **PAR-Max Shower Drain Pump**

New generation, long life fully serviceable shower drain pump.

- 3.5 gpm (13.2 lpm) at 3ft (1m) head.
- Self-priming up to 10ft (3m) allows mounting above wet bildes.
- Diaphragm design allows extended dry
- Continuous rated, heavy duty motor sealed for harsh bilge environments
- Thermal overload protection automatically stops the motor if it overheats due to overloading, with auto re-start feature.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).

- Complete with Pumpgard.
- Oil resistant elastomers.

Fitting: Connections for 3/4" (19mm) ID hose. 7.7" long x 4.2" wide x 4.1" high (19.6cm x 10.6cm x 10cm).

Weight: 5.0lb (2.1kg).

32601-0092 12 volt DC model,

32601-0094 24 volt DC model,

fuse 7 amp **18912-3050** Diaphragm Kit.

For service and spare parts listing see page 197.



#### **Shower Drain**

A compact, full capacity shower drain system. Automatically turns on after the water starts and shuts off when the water is removed. Activated by a non-mercury Rule-A-Matic® Plus float switch. Available with one or three

combinations of inlet hose. Other features include a clear screw down cover, a removable strainer for easy cleaning and an internal check valve to prevent back flow.

inlet ports which offer varying

Model	Description	Discharge (inches/mm)	Inlet Ports (inches/mm)	Size (length x width x height) (inches/mm)
98A	Multi-Port Inlet Pump	3/4"	3/4",3/4",1",1-18",1-1/2"	8-1/4" x 11-1/4" x 5-1/2"
	800 GPH (3028 LPH)	(19mm)	(19, 19, 25, 29, 38mm)	210 x 241 x 140mm
98A-24	Multi-Port Inlet Pump	3/4"	3/4",3/4",1",1-18",1-1/2"	8-1/4" x 11-1/4" x 5-1/2"
	800 GPH (3028 LPH) 24-volt	(19mm)	(19, 19, 25, 29, 38mm)	210 x 286 x 140mm



# **Water Puppy Shower Drain Pump**

Good flow rate, continuously rated pump.

- 8 gpm (32 lpm) at 10ft (3m) total head.
- Self-priming up to 4ft (1.2m) allows mounting above wet bilges.
- Shower debris presents no problem to this bronze bodied, flexible impeller design.
- Simple design means fewer wearing parts all user serviceable
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).

Fitting: Connections for 1/2" male threaded fittings, and for 1" (25mm) ID hose 7<sup>1</sup>/<sub>2</sub>" long x 4 <sup>3</sup>/<sub>4</sub>" wide x 3<sup>3</sup>/<sub>8</sub>" high

(19cm x 12cm x 8cm). Weight: 3kg (61/2lb).

18660-0123 12 volt DC model,

fuse 15 amp (Non CE). 6303-0003-P Replacement Nitrile Impeller.

For service and spare parts listing see page 192.



# PAR 37202 Series 2 Shower Drain Pump

Quiet running and corrosion resistant bilge, shower and sink drain pump.

- 3.4 gpm (13 lpm) open flow output at 3ft (1m) head
- Self-priming up to 6ft (2m) vertical lift allows mounting above wet bilges.
- Quiet running.
- Corrosion resistant materials throughout.
- Complete with Pumpgard.
- Diaphragm design allows extended dry running.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

■ ISO 8849 MARINE (Bilge Pump Standard). Fitting: Connections for 19mm (3/4") ID hose.

5<sup>1</sup>/<sub>4</sub>" wide x 5<sup>3</sup>/<sub>4</sub>" high x 7<sup>1</sup>/<sub>2</sub>" deep (13cm x 15cm x 19cm).

Weight: 51/2lb (2.5kg).

37202-2012 12 volt DC model, fuse 7 amp.

37202-2024 24 volt DC model,

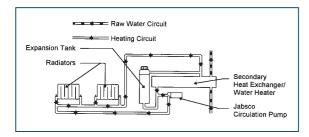
50095-1000 Service Kit.

For service and spare parts listing see page 188.

Purpose

eneral

Jabsco has a range of circulation pumps for use in low pressure circulation application such as marine central heating systems. Jabsco circulation pumps are designed for reliability and ease of use.



#### **Marine Central Heating System**

This system provides central heating which works just like the heating system in the home. Jabsco circulation pumps can be used to circulate heated coolant water heater from an engine's re-circulating fresh water system through radiators in the vessel living spaces. These radiators can be individually adjusted to provide the best and most comfortable conditions.



#### Cyclone<sup>®</sup> Circulation Pump Robust, high efficiency and flow, long life circulation pumps. Typical applications include Hot & Cold water systems,

#### windscreen washing, livewell and bait tank systems and liquid transfer. ■ 29 gpm (110 lpm) maximum flow. Low and high pressure versions available.

- Robust stainless steel body and anti-clogging design impeller.
- Only one tool needed for all servicing.
- ISO 8846 MARINE & USCG Regulations for Ignition Protection
- ISO 8849 MARINE Bilge Pump Standard.

Fitting: Connections for 3/4" NPT or BSP.

50840-series: 6" long x 6<sup>1</sup>/<sub>2</sub>" wide x 5" high (15cm x 16cm x 12cm). 50870-series: 9" long x 41/2" wide x 5" high (22cm x 11cm x 12cm).

Weight: 50840 - 15 lb (6.8 kg). 50870 - 23 lb (10.5 kg)

#### Low Pressure Pumps

**50840-0012** 12 volt DC, NPT ports, fuse size 10 amp. **50840-0024** 24 volt DC. NPT ports. fuse size 7 amp

**50840-2012** 12 volt DC, BSP ports, fuse size 10 amp. **50840-2024** 24 volt DC, BSP ports,

fuse size 7 amp.

Higher Pressure Pumps

**50870-0012** 12 volt DC, NPT ports, fuse size 25 amp.

**50870-0024** 24 volt DC, NPT ports, fuse size 13amp.

**50870-2012** 12 volt DC, BSP ports, fuse size 25 amp.

**50870-2024** 24 volt DC, BSP ports,

For service and spare parts listing see page 186.

# **Magnetic Drive Circulation Pumps**

The Jabsco Magnetic Drive Brushless DC Pumps offer exceptional life and reliability. The motors last in excess of 10,000 hours and the seal-less pump heads remove any chance of leaks.

- Up to 6 gpm (28 lpm) open flow.
- Rugged and simple design.
- Versatile, will handle high temperatures and
- Designed for continuous use.

Fitting: 59510: 3/4" (19mm) hose. 59520: 1/2" BSP - brass head. 59530: 3/4" (19mm) hose - normal head 59510: 3.8" long x 3.4" wide x 2.7" high (97cm x 85cm x 69cm)

59520/30: 3.7" long x 3.5" wide x 3.5" high (95cm x 85cm x 85cm)

Weight: 59510: 0.5lb (0.25kg). 59520/30: 1.5lb (0.68kg).

**59510-0012** 12 volt DC, fuse size 2 amp. **59520-0000** 8-24 volt DC, fuse size 2.5 amp.

**59530-0000** 8-24 volt DC, fuse size 2.5 amp.

# Speciality Products



17250-0003

#### **Drill Pumps**

Jabsco Drill Pumps provide a very versatile means of transferring fluid almost anywhere an electric drill with 1/4" to 3/8" chuck can be operated. They provide easy powered pumping almost anywhere a hand utility pump might be used.

- Pumps up to 3.5 gpm (13 lpm).
- Self-priming to 3ft (1m).
- 1/4" (6.5mm) diameter shaft.
- Supplied with <sup>3</sup>/<sub>4</sub>" Garden hose thread port
- Model 17215-0000 includes accessories for Oil Changing.

Fitting: Connections for 1/2" (13mm) ID hose and

Explosion hazard. Pumps with AC motors can spark. Explosion and death can occur. Do not use where flammable vapors are present

3/4" GHT female threaded fittings.

3<sup>5</sup>/<sub>16</sub>" long x 3<sup>1</sup>/<sub>2</sub>" wide x 2<sup>3</sup>/<sub>16</sub>" high (84mm x 89mm x 56mm)

Weight: .5lb (0.2kg).

**17250-0003** Pump (boxed) with two Garden

17215-0000 Pump (Poly bagged with header card) with Garden Hose Port Adapters and 1/4" x 40" Probe

plus 3 ft of 1/2" Hose for changing oil through a dipstick

JABSCO\*

Carton: 12 bagged or boxed units.

17255-0003-P Replacement Nitrile Impeller and

Always use a RCD circuit breaker when using electrical equipment near water.

Always ensure that equipment is properly earthed.



#### **Fish Box Evacuation Pump**

The new fish box evacuation pump is perfect for emptying a fish box, easily passing debris such as bait residue, particles of ice and fish scales that is often left after a days fishing.

- 5 gpm (19 lpm) output.
- Self-priming up to 10ft (3m).
- Capable of extensive dry running.
- Compact and simple design.
- Quiet running.
- Flexible Installation
- Corrosion resistant parts.

- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 8849 MARINE (Bilge Pump Standard).

Fitting: Connections for 1<sup>1</sup>/<sub>2</sub>" (38mm) and 1" (25mm) ID hose

10.9" long x 6.1" wide x 4.4" high (27.7cm x 15.5cm x 11.1cm).

Weight: 6lb (2.7kg).

**50900-1000** 12 volt DC model, fuse 10 amp.

**50900-1100** 24 volt DC model, fuse 5 amp.

SK900 Service Kit.

#### 53080 Dockside Utility Pump - 230v

Heavy duty 220 volt AC general utility for dockside pump-out duties.

- 1056 gph (4000 lph) output at 10ft (3m) total
- Built in dry running protection for 30 minutes after initial prime.
- Primes from dry.
- Handles hard and soft solids without clogging.
- Choice of nitrile impeller for oil based products or neoprene for water based products.

Fitting: Connections for 11/2" BSP.

**Size:** 13" long x  $9^{1/2}$ " wide x  $9^{1/2}$ " high (33cm x 24cm x 24cm).

Weight: 15kg (33lb).

**53080-2003** 220 volt AC 50Hz model,

53080-2001 220 volt AC 50Hz model, neoprene impeller.

SK411-0003 Service Kit. Nitrile. SK411-0001 Service Kit, Neoprene.

Not available in the USA.



#### 53040 Dockside Utility Pump - 230v

Heavy duty 220 or 110 volt AC general utility for dockside pump-out duties.

- 528 gph (2000 lph) output at 10ft (3m) ■ Built in dry running protection for 30 minutes
- after initial prime Primes from dry.
- Handles hard and soft solids without clogging.
- Choice of nitrile impeller for oil based products or neoprene for water based products.

Fitting: Connections for 1" BSP.

11<sup>1</sup>/<sub>2</sub>" long x 8<sup>1</sup>/<sub>4</sub>" wide x 8<sup>3</sup>/<sub>4</sub>" high. (29cm x 21cm x 23cm).

Weight: 9.5kg (21lb)

**53040-2003** 220 volt AC 50Hz model, Nitrile Impeller.

**53040-2021** 220 volt AC 50Hz model, Neoprene Impeller

**53040-2103** 110 volt AC model Nitrile Impeller

SK409-0003 Service Kit. Nitrile. SK409-0021 Service Kit. Neoprene.

# Speciality Products



#### **High Speed Inflator/Deflator**

The Rule High Speed inflator/deflator ■ 12 volt, 25 amp, maximum 2.6psi, 20 CFM. inflates a typical 4 man dinghy in as little as one to two minutes. Adjustable nozzles have been included for most inflatables and valve types. Inflator kit available for replacement adapters.

- 10ft. (3m) cable length with battery clips.
- Pre-lubricated and sealed bearings to ensure long life.
- Robust fan drive belt for long life.
- Adjustable nozzles for most inflatables and valve types included.
- Grip pad for one handed operation.
- For replacement adapters, Model iD20K Inflator Kit available

iD20 Inflator/Deflator with Adapters. iD20K Replacement Adaptor Kit.



#### **Portable Pumps**

Constructed of sturdy ABS plastic with comfort-grip handle providing smooth firm strokes. Available in 24" (610mm) with hose and 48" (1220mm) with hose.

8 gpm (30 lpm) - with 24" (610mm)

168 10 gpm (38 lpm) - with 48"

# **General Purpose Centrifugal Pumps**

The Rule General Purpose Pump is designed for use as a washdown pump and/or to circulate water to your livewell tanks. Heavy duty construction for commercial or pleasure boat use. 1½" (38mm) inlet and 1½" (38mm) discharge outlet. The Rule General Purpose Pump must be mounted below the waterline. It does not deliver high pressure, nor is it self priming. It pumps lots of water but at low pressure. 12 volt DC unless noted.

NON-AUTOMATIC

17A 3800 gph (14380 lph). 18A 3700 gph (14002 lph) (24 volt).

19A 3700 gph (14002 lph) (32 volt)







#### 12210-Series Utility Pumps - 115v

The 12210-Series Pumps are the most compact self-priming flexible impeller 115 volt AC Utility Pumps Jabsco offers.

- Bronze Pump head.
- 3.4 gpm (12.8 lpm) output at 10ft (3m)
- Replaceable brushes
- Intermittent duty cycle.
- 6 foot power cord with grounded plug.

Fitting: 3/8" NPT internal thread.

Size: 6<sup>7</sup>/<sub>8</sub>" long x 4" wide x 3<sup>5</sup>/<sub>8</sub>" high. (175mm x 102 mm x 92 mm).

Weight: 5lb (2.3kg).

**12210-0001** 115 volt AC with Neoprene Impeller (Non CE).

**12210-0003** 115 volt AC with

Nitrile Impeller (Non CE).

1414-0001 Replacement Neoprene Impeller.

1414-0003 Replacement Nitrile Impeller.



#### 18610-Series Utility Pumps - 115v

The 18610-Series pumps are very versatile moderate flow rate, portable self-priming Utility Pumps suitable for continuous duty applications.

- Bronze pump head.
- 5.8 gpm (22 lpm) output at 10ft (3m)
- Continuous duty motor with thermal over-load protection.

Convenient carrying handle.

■ 8 foot power cord with grounded plug.

Fitting: 1/2" NPT internal thread. 1" hose barbed O.D.

Size:

9" long x 5<sup>5</sup>/<sub>8</sub>" wide x 7<sup>5</sup>/<sub>16</sub>" high (229mm x 143mm x 186mm).

Weight: 12lb (5.4kg).

**18610-0001** 115 volt AC with

Neoprene Impeller (Non CE). **18610-0003** 115 volt AC with

Nitrile Impeller (Non CE).

7273-0001 Replacement Neoprene Impeller. 7273-0003 Replacement Nitrile Impeller.



# 11810-Series Utility Pumps - 115v

The 11810-Series pumps are robust, portable self-priming Utility Pumps with a substantial flow rate.

- Bronze Pump head.
- 9.5 gpm (36 lpm) output at 10ft (3m)
- Continuous duty motor with thermal over-load protection.
- 8 foot power cord with grounded plug.
- Convenient Carrying Handle.
- Available with Open Drip Proof or Totally Enclosed Fan Cooled Motor.

Fitting: 1/2" NPT Internal thread. 3/4" Garden Hose Thread O.D. 10<sup>1</sup>/<sub>2</sub>" long x 7<sup>1</sup>/<sub>4</sub>" wide x 7<sup>3</sup>/<sub>4</sub> high (267mm x 184mm x 197mm).

20lb (9.1kg) ODP Motor. 25lb (11.4kg) TEFC Motor.

11810-0003 115 volt AC with Nitrile Impeller and Open Drip Proof Motor

(Non CE).

**11810-0011** 115 volt AC with Neoprene

Impeller and totally enclosed Fan Cooled Motor (Non CE).

11810-0013 115 volt AC with Nitrile Impeller

and totally enclosed Fan Cooled Motor (Non CE).

5929-0001 Replacement Neoprene Impeller.

5929-0003 Replacement Nitrile Impeller.



#### 6050-Series Utility Pumps - 115v

The 6050-Series pumps are the highest capacity, self-priming, portable Utility Pumps offered by Jabsco.

- Bronze Pump head.
- 23 gpm (87 lpm) output at 10ft (3m)
- Continuous duty motor with thermal over-load protection
- Motor wired to operate with 115v AC and can be converted to 230v AC.
- Available with Open Drip Proof or Totally Enclosed Fan Cooled Motor.
- 8' power cord with grounded plug.

**Explosion hazard.** Pumps with AC motors can spark. Explosion and death can occur. Do not use where flammable vapors are present.

Convenient carrying handle.

Fitting: 1" NPT Internal thread. Size: 13" long x 8" wide x 85/8" high (229mm x 143mm x 186mm).

Weight: 35.5lb (16.1kg).

6050-0003 115 volt AC with Nitrile Impeller and Open Drip Proof Motor

(Non CE). 6050-0013 115 volt AC with Nitrile Impeller

and totally enclosed Fan Cooled Motor (Non CE).

6056-0003 Replacement Nitrile Impeller.



# Speciality Products





#### 110 Volt Pump

Designed to remove water from basements, garages, stairwells, utility rooms, boats, and other utility applications. Available in Non-Automatic & Automatic versions utilizing standard 110 volt AC current. UL Listed.

**A53S** 

Automatic, 1800 gph (6814lph), 8' (2.4m) cord, Garden Hose & Rigid Pipe, #57 adapters.

A53S-24

Automatic, 1800 gph (6814 lph), 24' (7.3m) cord, Garden Hose & Rigid Pipe, #57 adapters.

A53D

1800 gph (6814 lph), 8' (2.4m) cord, Garden Hose & Rigid Pipe, #57 adapters.

Not available in Europe.



# **Pool Cover Pump with Leaf Protector**

The finest pool cover pump ever designed. Features a powerful 1800 GPH automatic submersible pump with a specifically designed strainer base that filters out leaves and debris. Installs easily with garden hose. UL Listed.

**H53SP-24** 1800 gph (6814 lph) 24'

Pool Cover Strainer Base.

Not available in Europe.

\*Patent Pending.



# 500/1100 GPH Pool Cover Pump

Fully automatic and utilizes the same water sensing technology as the flagship 1800 gph model. Place the pump on the pool cover where water accumulates, attach a garden hose to it and plug it into a 110v grounded outlet. The pump turns on when needed, and the specially designed wide strainer base filters out leaves and debris.

27PP\*

1100 gph (4162 lph) 24' cord.

25PP\*

500 gph (1893 lph) 24' cord. **1000830-01** 500/1100 gph (1893/4162 lph) Pool Cover Strainer Base.

\*27PP and 25PP are not available in Europe.

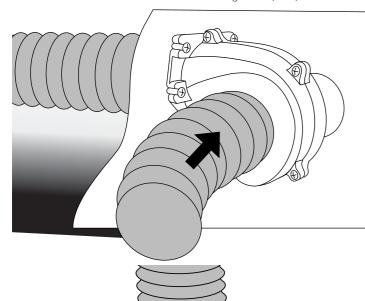


Blower

Ventilation

**Jabsco DC blowers** are designed to remove fumes from the engine compartments of gasoline powered boats prior to start-up and therefore conform to ISO 8846 MARINE and USCG Regulations for ignition protection. They are listed as N.M.M.A. type accepted and comply with ISO 9097 MARINE and are CE marked. AC models are not ignition protected.

Jabsco blowers can also be used for air intake or extraction in galleys, bilges, accommodation and head compartments. Only the heavy duty blowers are designed for continuous duty operation in commercial or heavy use applications. Blowers should not be installed close to sources of direct heat exceeding 180°F (55°C).



#### **Flangemount Blowers**

Flangemount Blowers are of a radial design which gives the highest output in more complex installations with longer ducting lengths and/or multiple bends in the ducting. They are generally mounted directly onto a flat bulkhead using a mounting collar to connect to the discharge ducting. This allows a very neat installation on an engine room bulkhead.

#### **Flexmount Blowers**

Flexmount Blowers are also of radial design but are installed by attaching a mounting collar around the motor (which is supplied with the blower) to any convenient solid surface. They can be rotated inside the collar to allow the shortest ducting lengths and most convenient routings in confined spaces. Both ports are designed for slip-on flexible ducting

# **Blower Selection Guide**

Engine Compartment	Ducting Size	Туре	Voltage	Blower
Volume				Model
0-2m³ (0-75ft³)	3" (75mm)	Flangemount	12v	35115-0020
	3" (75mm)	Flexmount	12v	35515-0010
2-2.5m³ (75-90ft³)	3" (75mm)	Flangemount	12v	34739-0010
	3" (75mm)	Flangemount	24v	34739-0020
	3" (75mm)	Flexmount	12v	36740-0000
	3" (75mm)	Flexmount	12v	36740-0010
2.5-5m³ (90-220ft³)	4" (100mm)	Flangemount	12v	35400-0000
	4" (100mm)	Flangemount	24v	35400-0010
	4" (100mm)	Flexmount	12v	35440-0000
	4" (100mm)	Flexmount	24v	35440-0010
	4" (100mm)	dc Flangemount Heavy Duty	12v	35760-0092
	4" (100mm)	dc Flangemount Heavy Duty	24v	35760-0094
	4" (100mm)	dc Flexmount Heavy Duty	12v	35770-0092
	4" (100mm)	dc Flexmount Heavy Duty	24v	35770-0094

This guide is based on International Standard ISO 11105 Small craft -Ventilation of gasoline engine and/or gasoline tank compartments which specifies minimum airflow for given engine compartment size.

# Heavy Duty Radial Blowers



#### **Heavy Duty Flangemount Blowers**

Heavy Duty Blowers are designed for applications such as commercial or high use engine room ventilation and extraction where a long life requirement demands heavy duty motors with long brush life. Built to provide the same high outputs as our standard specification blowers.

- 5,000 hr motor life for the heaviest of applications.
- Continuous duty.
- Efficient high volume air flow.
- Outlet flange mounts directly on bulkhead.
- Slip on inlet ducting connection.
- Low current draw.
- Corrosion resistant materials throughout.
- Dimensionally stable quiet running Delrin

- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection) DC only.
- ISO 9097 MARINE (Electric Fans).

Fitting: 4" (100mm) ducting. 9<sup>1</sup>/<sub>2</sub>" long x 8<sup>3</sup>/<sub>4</sub>" wide x 9" high (24cm x 22cm x 23cm).

Weight: 6lb (2.7kg) DC

8lb (3.6kg) AC

For 250cfm (7.1m3/min) output -12, 24, 115V.

35760-0092 12 volt DC flangemount, fuse 15 amp

35760-0094 24 volt DC flangemount, fuse 10 amp.

36760-0115\*115 volt AC 60Hz flangemount, fuse 2 amp

\*Not available in Europe.



# **Heavy Duty Flexmount Blowers**

Flexmount Blowers are built to the same high specification as the Heavy Duty Flangemount Blowers for use as air intake or extraction systems in engine rooms, fuel compartments, galleys or heads.

■ 5,000 hr motor life for the heaviest of applications.

■ Continuous duty.

■ Efficient high volume air flow.

- Flex mounting for 360° adjustable outlet
- Slip on inlet ducting connections.
- Low current draw.
- Corrosion resistant materials throughout.
- Dimensionally stable quiet running Delrin rotors
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection) - DC only.
- ISO 9097 MARINE (Electric Fans).

Fitting: 4" (100mm) ducting.

9" long x 9<sup>1</sup>/<sub>2</sub>" wide x 9<sup>3</sup>/<sub>4</sub>" high (23cm x 24cm x 25cm).

Weight: 7lb (3.2kg) DC

For 250cfm (7.1m³/min) output -12, 24, 115V.

35770-0092 12 volt DC flexmount, fuse 15 amp

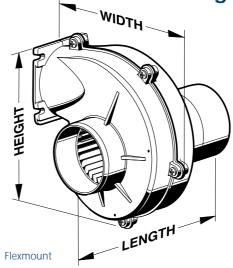
35770-0094 24 volt DC flexmount,

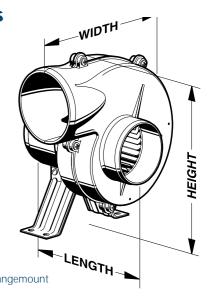
fuse 10 amp.

36770-0115\* 115 volt AC 60Hz flexmount, fuse 2 amp

\*Not available in Europe







Blower

Ventilation

# Radial Blowers



#### **Flangemount Blowers**

Range of high volume air intake or extraction blowers for engine room, fuel compartment, galley or heads.

- Outlet flange mounts directly on bulkhead.
- Slip-on inlet ducting connection.
- Low current draw.
- Dimensionally stable quiet running Delrin
- Corrosion resistant materials throughout.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).
- ISO 9097 MARINE (Electric Fans).

For 105cfm (3m3/min) output.

Fitting: 3" (75mm) ducting.

6<sup>3</sup>/<sub>4</sub>" long x 4<sup>3</sup>/<sub>4</sub>" wide x 5<sup>1</sup>/<sub>2</sub>" high (17cm x 12cm x 14cm).

Weight: 4lb (1.8kg).

**35115-0020** 12 volt DC flangemount,

fuse 6 amp.

#### For 150cfm (4.2m³/min) output.

Fitting: 3" (75mm) ducting.

8" long x 63/4" wide x 73/4" high (20cm x 17cm x 20cm).

5lb (2.3kg).

**34739-0010** 12 volt DC flangemount, fuse 10 amp.

**34739-0020** 24 volt DC flangemount,

fuse 5 amp.

#### For 250cfm (7.1m³/min) output.

Fitting: 4" (100mm) ducting.

83/4" long x 83/4" wide x 9" high (22cm x 22cm x 23cm).

Weight: 6lb (2.7kg).

**35400-0000** 12 volt DC flangemount,

fuse 15 amp.

**35400-0010** 24 volt DC flangemount,

fuse 7.5 amp.



In-line Blowers

#### **In-line Blowers**

Rule® In-line Blowers provide ventilation for bilges, engine compartments, galleys and heads. Designed for efficient, high output operation, these blowers feature our exclusive front and rear shaft seals and corrosion resistant motor housings for long life. Compact and easily installed on any flat surface, Rule® In-line Blowers provide higher air flow and lower amp draw.

- Efficient high volume air flow.
- Quiet operation.
- Low amp draw.
- Slip on inlet and outlet ducting connections.
- Sealed motor shaft for moisture protection.
- Corrosion resistant nickel plated motor housing.

■ ABYC - H2: ISO 9097.

■ IMCI (CE).

■ N.M.M.A. type accepted.

■ USCG 183.410 Compliant; Ignition

Fitting: 3" (75mm) ducting **Size:** 5" long x 3" wide x 33/16" high (12.7cm x 7.6cm x 8.1cm)

140 13.6 volt, fuse 4 amp. 140-24v 27.2 volt, fuse 2.5 amp.

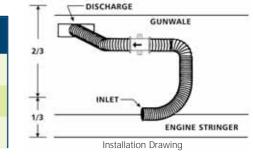
Fitting: 4" (100mm) ducting

**Size:** 6" long x 4" wide x 43/16" high (15.2cm x 10.2cm x 10.6cm)

240 13.6 volt, fuse 4 amp. 240-24v 27.2 volt, fuse 2.5 amp.

This guide is based on International Standard ISO 11105 for small craft - ventilation of gasoline engine and/or gas tank compartments which specifies minimum airflow for given engine compartment size.

3"	In-Line	12v	140
3"	In-Line	24v	140-24v
3"	In-Line	12v	140
3"	In-Line	24v	240-24v
4"	In-Line	12v	240
4"	In-Line	12v	240-24v
	3" 3" 3" 4"	3" In-Line 3" In-Line 3" In-Line 4" In-Line	3" In-Line 24v 3" In-Line 12v 3" In-Line 24v 4" In-Line 12v





# **Flexmount Blowers**

Range of high volume air intake or extraction blowers for engine room, fuel compartment, galley or heads.

- Flexmounting for 360° adjustable outlet.
- Slip-on inlet and outlet ducting connections.
- Low current draw.
- Dimensionally stable, quiet running Delrin
- Corrosion resistant materials throughout. ■ Complies with USCG 183.410 and ISO 8846
- MARINE (Ignition Protection).
- ISO 9097 MARINE (Electric Fans). For 105cfm (3m³/min) output.

Fitting: 3" (75mm) ducting.

6 3/4" long x 5" wide x 5 1/2" high (17cm x 13cm x 14cm).

Weight: 31/2lb (1.6kg).

**35515-0010** 12 volt DC flexmount, fuse 6 amp.

#### For 140cfm (4.0m³/min) output.

Fitting: 3" (75mm) ducting.

81/4" long x 73/4" wide x 9" high (21cm x 20cm x 23cm).

5lb (2.3 kg) Weight:

**36740-0031** 115 volt AC flexmount,

fuse 1.25 amp.

#### For 150cfm (4.2m³/min) output.

Fitting: 3" (75mm) ducting. **Size:** 8" long x 81/4" wide x 9" high (20cm x 21cm x 23cm).

Weight: 51/2lb (2.5kg).

**36740-0000** 12 volt DC flexmount,

**36740-0010** 24 volt DC flexmount,

fuse 5 amp.

#### For 250cfm (7.1m³/min) output.

Fitting: 4" (100mm) ducting.

9<sup>1</sup>/<sub>8</sub>" long x 9<sup>3</sup>/<sub>16</sub>" wide x 9<sup>5</sup>/<sub>8</sub>" high (23.2cm x 23.4cm x 24.5cm).

Weight: 7lb (3.2kg).

**35440-0000** 12 volt DC flexmount,

fuse 15 amp.

35440-0010 24 volt DC flexmount, fuse 7.5 amp.



Searchlights

# Introduction

A marine searchlight has to be capable of performing a range of tasks from locating buoys to illuminating a narrow channel and occasionally, searching for a man overboard. Therefore it needs to be designed to offer the best combination of beam spread (width) and intensity (length), for both shorter and longer range work. Typically, our spot beams have a 7° beam spread as opposed to 40° on a flood beam and will consequently reach at least 3 times further.

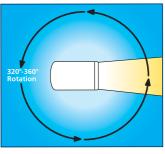
We quote performance of our searchlight range in two ways; Candlepower and Lux. Candlepower is a useful guide to actual light produced but does not measure the efficiency of reflector design to project that light at the target. The most relevant comparison quide is LUX, which is the measurement of actual light available at a given distance. In order to be able to distinguish a reasonable level of detail, a level of one Lux is generally considered to be necessary.

Model No	Description	Range at 1 Lux	Candle Power
60020	135 SL RCL	865ft (262 Metres)	100,000
61050	155 SL RCL	885ft (268 Metres)	100,000
62026H	5" (130mm) RCL	990ft (300 Metres)	72,000
60010	255 SL RCL	1040ft (315 Metres)	200,000
60080	146 SL RCL	1275ft (386 Metres)	175,000
63022	6" (150mm) RCL	1380ft (418 Metres)	200,000
63042	6" (150mm) RCL	2210ft (680 Metres)	600,000
62040-4002	7" (180mm) RCL	1380ft (418 Metres)	230,000
6323	233 SL	1452ft (443 Metres)	200,000
62042	8" (200mm) RCL	2375ft (719 Metres)	500,000

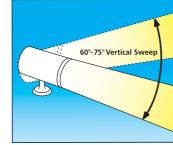
#### Searchlight **Performance Data**

#### **Remote Control Lights**

The advantage of the Remote Control is that it allows you to direct the light in the best location for maximum effectiveness. They are an increasingly popular addition on power boats, helping locate buoys, moorings and channel markers. Control is by joystick or touchpad. Secondary remote control kits can be bought for most models which allow control from either the flybridge or main helm.



320°-360° Continuous



40°-75° Vertical Sweep



Control & 15' cable included with all Remote Control Lights, Extension Cables also available.



Dual Station Kits also available.



## **Floodlights**

Bracket mounted floodlights give good service in deck illumination, especially on small fishing boats and commercial craft.

Flush mount floodlights provide a clean installation ideally suited for leisure craft. Two beam shapes are available, trapezoidal for deck illumination with sharp beam pattern edges and flood for deck illumination and transom mouting with diffused beam pattern edges. In each case bulb adjustment allows the beam to be directed to the required area.



#### 233 SL Dual Beam Searchlight

Our new innovative searchlight has a clean, modern look with a multitude of new features. The quick release bayonet fitting and wireless remote makes installation extremely easy and significantly reduces costly cabling. The Dual 55w Halogen bulbs give in excess of 200000CP and the patented focus mechanism allows the beam pattern to be progressively moved from a high intensity spot to a wide angle flood. Up to 3 additional wireless controllers can be added with out the need for a junction box for multi station control installation.

1 lux at 1452ft (443m) with 200000 Candle Power (spot beam pattern).

- 200,000 Candlepower.
- Continuous 360 degree range.
- Waterproof Wireless electronic control system.
- Quick release bayonet base.
- Spot to Flood and any beam configuration in-
- Fast and slow speeds.
- Auto sweep function 10 degrees each side of initial spot
- 27 degree vertical range.

Size: 93/8" (24cm) wide x 95/8" (24cm) long x 8" (20cm) high

Weight: 6lb (2.7kg).

**60233-0012** 12 volt DC, fuse 10 amp. **60233-0024** 24 volt DC, fuse 5 amp.



#### **Wireless Remote Control** Additional Control Station

This wireless control serves as both the primary control and additional controls.

- Up to four controls can be mounted from various positions on the boat eliminating costly cable
- Searchlight can be operated from any control panel without need for selector panel.

63233-1224 12/24 volt DC (233 SL).



63022 and 63042



63020 Short Base

#### 6" (150) RC Searchlight

Brilliant Remote Control Searchlights with digital multi-function processor control, plus optional xenon HID (High Intensity Discharge) light source. Truly the ultimate searchlight.

1 lux at 2210ft (680 metres) - HID models with 600,000 candlepower spot beam

1 lux at 1380ft (418 metres) - Sealed beam models with 200,000/50,000 candlepower spot/flood beam.

- Full 360° horizontal rotation, 70° vertical sweep.
- Water resistant electronic touch-pad remote control including joystick option.
- Automatic 20° sweep search feature.
- Two-speed movement Fast for searching, Slow for pinpointing target.
- In emergency, offers automatic transmission of "SOS" distress signal through 360°.
- Complete with 15ft (4.5m) cable, with optional extension cables.
- Exceptionally durable chrome or brass housing and base (except 63020 - chrome on zinc base).
- Optional secondary electronic remote control panel for dual helm stations. Provides instant command from each panel without need to select station.

11" long x 6" wide x 13" high (28cm x 15cm x 33cm) except 63020 - 9" (23cm) high.

Weight: 11lb (5kg)

63042-1224 12/24 volt DC HID,

fuse 20 amp. 63022-0012 12/24 volt DC sealed beam, fuse 15 amp

63020-0012 12/24 volt DC sealed beam, fuse 15 amp (USA only).

64046-0007 Replacement HID bulb, 12 volt DC, 600,000 cp.

64046-0008 Replacement HID bulb, 24 volt DC, 600,000 cp.

**64046-0006** Replacement sealed beam 12/24 volt DC, 200,000/50,000 cp.



Searchlights

# JABSCO<sup>®</sup>

Remote Control



130 (5") Shortbase



180 (7") and 200 (8")

#### 5" (130), 7" (180) & 8" (200) **RC Searchlights**

Remote mounting searchlights electrically controlled from helm station for leisure, commercial and patrol crafts.

- lux at 990ft (300 metres) 5" (130mm).
- lux at 1380ft (418 metres) 7" (180mm).
- lux at 2375ft (719 metres) 8" (200mm).
- 5" (130mm) has both spot and flood beams.
- 7" (180mm) and 8" (200mm) model have spot beam only
- Single joystick controls both 70° vertical and 450° horizontal sweep.
- Variable speed control enables fast search and yet precise targeting.
- Optional secondary full control panel for
- Internal brake sytem holds beam firmly on target ■ Heavily chromed all brass beam housing and
- base unit. ■ 8ft (2.5m) wiring cable, with optional

#### 5" (130mm) Remote Control Searchlight

Size: 83/4" long x 51/2" wide x 11" high (22cm x 14cm x 28cm).

Weight: 8lb (3.6kg).

extension cables.

62026-4002H 12 volt DC, 9 lux at 330ft (100m), fuse 10 amp.

62022-4002H\*12 Volt dc, 9 lux at 330ft (100m), fuse 10 amp. (short base).

67296-0000 Replacement Sealed Beam, 12 volt DC, 100/50,000 cp.

\*Not available in Europe

#### 7" (180mm) Remote Control Searchlight

Size: 11" long x 7" wide x 13" high (28cm x 18cm x 33 cm).

Weight: 9lb (4.1kg).

62040-4002 12 volt DC, 18 lux at 330ft (100m), fuse 20 amp.

**62040-4006** 24 volt DC, 18 lux at 330ft (100m), fuse 10 amp.

> 67262-0000 Replacement Sealed Beam, spot, 12 volt DC,

225,000/500,000 cp.

18753-0447 Replacement Sealed Beam. flood only, 24 volt DC, 230,000 cp.

#### 8" (200mm) Remote Control Searchlight

11" long x 8<sup>1</sup>/<sub>4</sub>" wide x 14<sup>1</sup>/<sub>4</sub>" high (28cm x 21cm x 36 cm).

Weight: 11lb (5kg).

**62042-4006** 24 volt DC, 52 lux at 330ft (100m), fuse 10 amp.

98040-0520 Replacement Sealed Beam, 24 volt DC, 500,000 cp.



146 SL RC Searchlight

135 SL RC Searchlight

A remote control searchlight, developed with the 20 to 50ft

a greatly reduced cost.

1 lux at 865ft (262 metres).

(7-15m) powerboat in mind, with

many benefits of existing units at

■ Easily replaceable halogen sealed beam

■ Supplied complete with joystick remote

Optional secondary full control panel for

delivers 100,000 candle power.

A high performance searchlight for medium sized yachts, remotely controlled from helm station.

- Easily replaceable halogen sealed beam delivers 175,000 candle power.
- 1 Lux at 1275ft (386 metres).

dual helm stations

- Supplied complete with water resistant joystick remote control.
- Tough, corrosion resistant Lexan housing. ■ Full, 360° horizontal rotation, 60° vertical
- Optional secondary full control panel for

- Complete with 15ft (4.5m) cable, with optional extension cables

■ 320° horizontal rotation, 75° vertical

■ All materials are non-corrosive

7" wide x 8<sup>1</sup>/<sub>8</sub>" long x 7<sup>7</sup>/<sub>8</sub>" high (18cm x 18.5cm x 21cm).

Weight: 6lb (2.7kg).

**60020-0000** 12 volt DC, fuse 10 amp. **60020-0024** 24 volt DC, fuse 5 amp. **18753-0178** Replacement sealed beam,

Complete with 15ft (4.5m) cable, with

(22cm x 26cm x 26cm).

**60080-0012** 146SL 12 volt DC,

60080-0024 146SL 24 volt DC,

 $8^{1}/_{2}$ " wide x  $10^{1}/_{8}$ " long x  $8^{15}/_{16}$ " high

fuse 10 amp.

fuse 5 amp.

12/24 volt DC, 175,000 cp.

18753-0455 Replacement Sealed Beam,

optional extension cables.

12/24 volt DC, 100,000 cp.

#### 255 SL RC Searchlight A stylish dual bulb searchlight for

medium to larger yachts, remotely controlled from helm station.

- Easily replaceable halogen sealed beams deliver 200,000 candle power.
- 1 lux at 1040ft (315 metres).
- High tech design and styling for powerboats.
- Supplied complete with water resistant joystick remote control
- Full, 360° horizontal rotation, 60° vertical Optional secondary full control panel for
- dual helm stations ■ Tough, weatherproof and corrosion resistant

■ Complete with 25ft (7.5m) cable, with

10<sup>1</sup>/<sub>2</sub>" wide x 10<sup>15</sup>/<sub>16</sub>" long x 8<sup>13</sup>/<sub>16</sub>" high (27cm x 28cm x 23cm).

Weight: 21lb (9.6kg).

60010-2012 255SL 12 volt DC, fuse 10 amp.

60010-2024 255SL 24 volt DC, fuse 5 amp.

18753-0336 Replacement Sealed Beams,

12/24 volt DC, 100,000 cp. ea.



## 155 SL RC Searchlight

Our leading light for style, performance and value. Sweeping curves complement the latest pleasurecraft profiles. Fingertip control of the watertight halogen sealed beam will pick out hazards nearly 900ft away. Just check out the value!

- Easily replaceable 5" (130mm) halogen sealed beam delivers 100,000 candlepower.
- 1 lux at 885 ft (268 metres).
- Full 360° horizontal rotation, 75° vertical
- Complete with joystick remote control (12 volt DC model) or optional electronic touch-pad remote control including joystick (12/24 volt DC).
- Electronic control includes automatic 20° sweep feature, two speed movement - Fast for searching, Slow for pinpointing target, plus automatic transmission of "SOS" distress signal through 360° in emergency (12/24 volt DC model only).

- Complete with 15ft (4.5m) cable, with optional extension cables.
- Tough thermoplastic housing and base.
- Optional secondary remote control panel for dual helm stations - Instant comand from each panel without need to select station (12/24 volt DC model only).

Size: 63/8" wide x 8" long x 8" high (16cm x 20cm x 20cm).

Weight: 5lb (2.3kg).

**61050-0012** 12 volt DC, fuse 10 amp. 61050-1224 12/24 volt DC, fuse 10 amp (electronic control).

18753-0528 Replacement sealed beam 12/24 volt DC, 100,000 cp.



#### **Wireless Remote Control**

Adds wireless remote control to most\* new or existing Jabsco Searchlight installations. It may be used as well as, or instead of, secondary remote control panels.

- True 8-way directional control with instant
- On/off and spot/flood selection (for applicable models) plus LED battery check.
- New searchlights may be installed for wireless only control.
- Up to 4 wireless remote controls may be used with one searchlight.

\*Not suitable for use with 155\$L (61050-1224) or 6" RC (12V or 24V)

**Size:** Control: 3" long x 13/4" wide x 7/8" deep (76mm x 45mm x

Reciever: 4" long x 3° wide x 7/8" deep (102mm x 79mm x 20mm)

Weight: Control: 0.09lb (0.04kg).

Reciever: 0.44lb (0.20kg).

60000-0000 Control c/w Receiver 12 volt DC.

60000-0024 Control c/w Receiver

24 volt DC.



Remote Control

## **Secondary Remote Control Kits**

Secondary Remote Control kits allow searchlights to be operated from both upper and lower helm stations.

Kit includes secondary control panel, station selector panel V splices and butt connectors.

Secondary harness must be selected from Extension Harness options.

**43670-0005** 12 volt DC (135 SL). 24 volt DC (135 SL).

43670-0004 12 Volt dc (146 SL, 255 SL, 155 SL, 5", 7", 8" RC).

24 volt DC (146 SL).

**18753-0335** 24 volt DC

(255 SL, 7", 8" RC).



# **Secondary Remote Control Kits** (Electronic)

Secondary Remote Control kits allow searchlights to be operated from both upper and lower helm stations. Kit includes secondary control panel, Y-adaptor and 15ft (4.5m) cable. Secondary harness must be selected from Extension Harness options.

■ Can be operated from any control panel without need for selector station.

**64044-0000** 12/24 Volt dc (6" RC, 155

SL w/electronic control).



#### **Extension Harness**

Extension harnesses enable remote controls to be fitted further from the light than standard cables allow, and are needed to install secondary remote control kits.

■ For 135 SL, 146SL, 155SL (12 volt DC). 255SL, 5" (130), 7" (180) RC models.

43990-0013 10ft (3m) Harness. 43990-0014 15ft (4.5m) Harness. 43990-0015 25ft (7.6m) Harness. 43990-0016 35ft (10.7m) Harness.

7" high x 5" wide x 6" long

Weight: 3.5lb (1.6kg).



#### **Extension Harness (Electronic Controls)**

Extension harnesses enable remote controls to be fitted further from the light than standard cables allow, and are needed to install secondary remote control kits.

- For 155 SL (12/24 Volt dc) and all 6" (150mm) RC models.
- For 233 SL (12/24 Volt dc).

64042-1011 10ft (3m) Harness. **64042-1007** 15ft (4.5m) Harness.

64042-1008 25ft (7.6m) Harness. 64042-1009 50ft (15.2m) Harness.



#### **Xenon Floodlights**

Bracket mounted xenon floodlights that deliver 4 times the light output of halogen floodlights and last up to 5 times longer. Typically used for deck lighting, emergency lighting, launching and docking, and commercial fishing boat applications.

- Compact size.
- 5000 hour life.
- 4 times brighter than halogen.
- Completely sealed from moisture and dirt.
- Direct replacement for most add-on incandescent and halogen lamps.
- Isolation mounted to withstand vibration

(17cm x 13cm x 15cm). 63142-0012 12 volt DC HID (xenon). 63142-0024 24 volt DC HID (xenon).

earchillight



#### **Deck Floodlights - Ultra Bright Model**

A range of compact, purpose designed floodlights for deck, cockpit or boarding point on leisure, commercial, fishing and safety craft available in two sizes.

- Special trapazoidal beam pattern, designed to be mounted above one end of horizontal area to be illuminated, spreads light evenly over the surface.
- Sharp cut off enables accurate selection of area to be illuminated minimizing stray light.
- Blue Bulb technology improves visibility in low light conditions.
- Sealed beam tungsten halogen bulb, with 450 hour average life.
- Choice of white or black tough polypropylene
- Stainless steel universal mounting bracket.

Size: 4" long x 6" wide, (15.5cm x 10cm).

Weight: 1.4lb (0.7kg).

45900-4000\* 12 volt DC Ultra Bright white,

fuse 6 amp.

45900-5000\* 12 volt DC Ultra Bright black,

**45900-0000** 12 volt DC white, fuse 6 amp.

45900-2000\* 12 volt DC black, fuse 6 amp. **45900-0001** 24 volt DC white, fuse 3 amp. 45903-4000\* Replacement Sealed Beam,

12 volt DC, 65 watt. 45903-0000 Replacement Sealed Beam,

12 volt DC, 30 watt.

**45903-0001** Replacement Sealed Beam, 24 volt DC, 60 watt.

Size: 3" long x 5" wide, (13cm x 8cm).

Weight: 1lb (0.5kg).

**45900-1000** 12 volt DC white, fuse 6 amp. 45900-3000\* 12 volt DC black, fuse 6 amp. 45903-0002 Replacement sealed beam, 12 volt DC.

\*Not available in Europe.



# **Flush Mount Floodlights**

The new Jabsco flush mount floodlight features a small footprint design with a dual gasket design to ensure weatherproof installations.

- Sealed beam "flood" provides a very even beam pattern with no hot spots.
- Clean edge cut-offs prevent stray lighting.
- Sealed beam 50 watt tungsten halogen bulb with 450 hour average life.
- Small footprint design.
- Tough, white U.V. stable housing will not

- Weatherproof mounting gasket and cable seal for leak-free installation.
- Shock and vibration resistant construction. **Size:**  $4^{1}/4^{11}$  high x  $6^{7}/8^{11}$  wide x  $2^{3}/4^{11}$  deep (108mm x 232mm x 38mm).

Weight: 1.0lb (.45kg).

45930-2012 Floodlight with flood beam 12 volt DC, fuse 5 amp.

**18753-0351** Replacement Flood Sealed Beam, 12 volt DC.



Flush Mount Floodlights unobtrusively light up deck, cockpit or boarding point.

- Available with two bulb types flood (for glare free below deck mounting) or trapazoidal (for deck illumination).
- Easily adjustable light angle, up to 7\* horizontally and 12° vertically.
- Sealed beam 50 watt tungsten halogen bulb, with 450 hour average life.
- Tough polypropylene housing.

8<sup>7</sup>/<sub>8</sub>" long x 6<sup>9</sup>/<sub>16</sub>" high x 3<sup>3</sup>/<sub>16</sub>" deep (22.5cm x 17cm x 8cm).

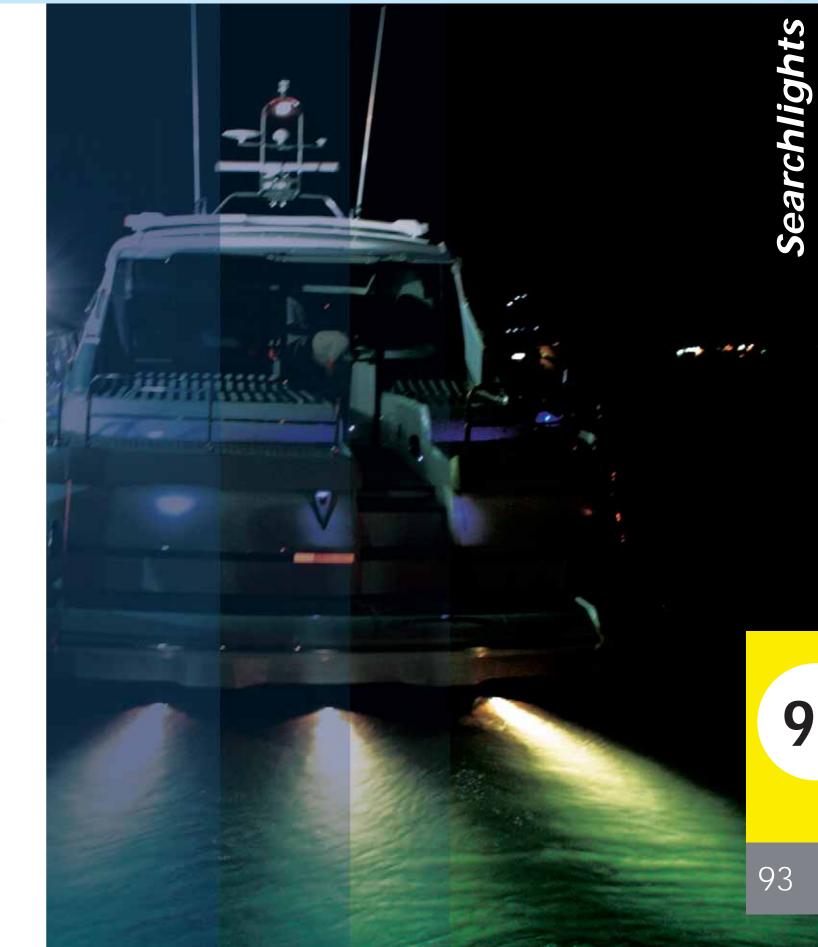
Weight: 3.3lb (1.5kg).

45960-0000 Floodlight with trapazoidal beam 12 volt DC, fuse 5 amp.

45960-0001 Floodlight with flood beam 12 volt DC, fuse 5 amp.

18753-0352 Replacement trapazoidal sealed beam, 12 volt DC.

18753-0351 Replacement flood sealed beam, 12 volt DC.



# **General Introduction**

# Jabsco original Flexible Impeller Pumps - Pedestal, Clutch & Engine Cooling

#### How it works:



Flexible vanes create increased volume when leaving the eccentric cam creating a vacuum thus drawing in liquid, instantly priming the pump.



As the flexible vanes rotate, the liquid is carried through the pump from the inlet to outlet port, each successive vane drawing in liquid.



When the flexible vanes again contact the eccentric cam they bend with a squeezing action which provides a continuous, uniform discharge of liquid.

#### Features:

- Versatile: The flexible impeller pump combines the priming feature of positive displacement type pumps with the general transfer ability of centrifugals. It will pump either thin or viscous liquids and can handle more solids in suspension than other types of rotary pumps. It operates at low or high speeds can be mounted at any angle and pumps in either direction with equal efficiency.
- Self-Priming: Pumps instantly, with dry suction, lifts up to 10ft (3m); up to 25ft (8m) when wetted. Permits cleaner, safer installations. No foot valve required.
- Simplicity: One moving part a tough, long-lived, wear-resistant flexible impeller, lubricated by the liquid being pumped. No metal-to-metal pumping action no gears to jam, clog or become noisy.
- More Capacity: Flexible impeller pumps, in general, require less space because they deliver greater flow for weight, size and price than other types of pumps.

The data given for the engine cooling systems and pump selection is for guidance only. It does not cover High Performance Engines. You should always consult the Engine Marinizer.

#### **Pressure Ranges**

Standard Impellers

Suitable for continuous operation up to the following limits:

- 1/4", 3/8" and 1/2" port sizes to 40ft (12m) head, 17.3psi (1.2 bar).
- 1" to 2" port sizes to 70ft (20m) head, 30.3psi (2 bar).

Special high pressure impellers

Available for certain models. Impeller life will be extended by operating in the lower portion of recommended pressure range.

#### Temperature Range

■ 45° to 180°F (7°-80°C)

For fluids less than 45°F (7°C) consult with the factory.

#### Operating Speeds

Plain Bearing Pumps

■ Do not exceed 2100 RPM Ball Bearing Pumps

■ 1/4" or 1/2" ports: 3600 RPM max.

■ 3/4" or 1" ports: 3000 RPM max. ■ 1<sup>1</sup>/<sub>4</sub>" ports: 2200 RPM max.

■ 2" ports: 2200 RPM max.

# Engine Cooling Introduction

**JABSCO** 

It is important that Jabsco engine cooling pumps and systems are matched during the design of ship's engine installations. Once installed, safety margins must be safeguarded, i.e. the emphasis must be on PREVENTIVE, not corrective maintenance.

Cooling systems most commonly used for marine propulsion engines are:

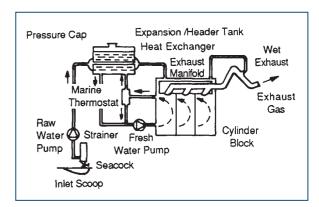
■ Heat exchanger cooling

■ Keel cooling

■ Direct cooling

#### **Heat Exchanger Cooling**

This is also known as a closed system, i.e. the primary cooling circuit is isolated from the surrounding atmosphere. A centrifugal pump circulates fresh, treated water through the cylinder block passages and around the tube stack of a heat exchanger. The Jabsco raw water pump draws raw water (from sea or lake) through the ship's hull inlet and pumps it through the heat exchanger tubes where it removes the heat transmitted from the primary circuit before discharging overboard.



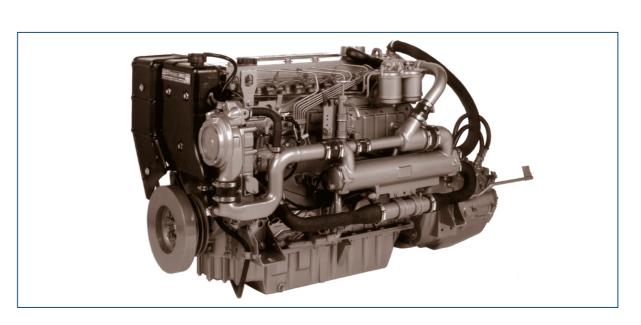
The heat exchanger, which can be single-pass or two-pass type, should be capable of handling approximately 10% more than the maximum engine heat rejection rate and may be fitted separately or as an integral part of the expansion/header tank. This tank allows venting of air or combustion gases absorbed by the cooling water during engine operation and provides a positive pressure on the fresh water pump inlet. This pump, fitted in the coldest part of the primary circuit, has a capacity which will maintain a water temperature differential of approximately 45° F (8°C) across the cylinder block at full load. The engine operating temperature is regulated by a marine thermostat to about 185° F (85°C) on most engines. To provide an adequate safety margin for commercial diesel engines, which may be expected to operate more than 2500-3000 hours per year, size and rpm of the Jabsco raw water pump should be selected to give a flow capacity of approximately 15 GPM for every 100 HP maximum engine load and rpm.

If an exhaust manifold is fitted in the raw water or fresh water circuit, the raw water pump flow capacity should be 10-15% higher.

**Additional coolers**, such as oil coolers, charge air coolers, must be fitted AFTER the pump but in a compromise between reliability, size and weight, and pump delivery. Head should be about 10–13 psi of water at maximum rpm.

**Safety margins in pump inlet systems**, are extremely critical so any restrictions or bends, other than seacock and inlet strainers, are to be avoided at all costs (see also Suction Systems).

Raw water from the exhaust manifold is often injected into the exhaust pipe (AFTER an exhaust elbow to prevent raw water flowback into the cylinders) which may then be ducted through areas where a hot pipe would create a hazard. This is known as a WET EXHAUST system. In addition, mixing of water with exhaust gases will reduce exhaust noise. However, on small engines the raw water flow should not be less than  $2^{1}/2-4$  GPM for adequate silencing.



# **Engine Cooling Introduction**

# Pressure Cap Expansion/Header Tank Marine Exhaust Thermostat Manifold Dry Exhaust Exhaust Gas Cylinder Block Keel Pipes Water Pump

## **Keel Cooling**

In principle this is similar to a heat exchanger cooled system but raw water circuit and heat exchanger have been replaced by pipes attached externally to the vessel's keel.

**Pipe bore and surface area** must be adequate for effective dissipation of heat from the primary circuit to sea or river water. In some installations where, due to system pressure losses through keel pipes, cylinder block and exhaust manifold, the flow capacity of the centrifugal circulating pump is insufficient, a Jabsco pump may be used (flow capacity approximately 30 GPM for every 100 HP at maximum engine load and rpm). Alternatively, the ship's steel hull may be used as the cooling surface and the heat transmitted directly to the surrounding sea or river water from a tank welded inside to the bottom.

**The "dry" exhaust** can be made a "wet" exhaust by a separate raw water pump.

**The expansion/header** tank may be fitted separately in which case it must be connected directly to the circulating pump inlet and the primary circuit adequately vented into the tank.

# Marine Thermostat with Bleed Hole Back Pressure Valve 35kPa Sea Water Pump Strainer Seacock Inlet Scoop

# **Direct Cooling**

**Raw water** is pumped directly through the engine block. However, as the temperature of the water entering the block is ambient, the outlet temperature needs to be much lower than in an indirect cooled engine, to reduce the formation of scale and salt deposits and thermal stresses in the cylinder block.

**Lower operating temperature** means that engine performance will be considerably less efficient and direct cooling systems should therefore not be used on commercial craft engines.

For weekend pleasure craft engines which operate no more than 50-100 hours per year, reliability margins will probably be maintained for a number of years until deposits in the engine cooling passages will begin to affect heat transfer to the cooling water.

**Engine operating temperature** is best controlled by a marine thermostat, rather than a manually operated valve.

For cold engine start, the thermostat will be closed and most of the cooling water (about 10 GPM for every 100 HP at full load and speed) will bypass the engine via a spring loaded back pressure valve and discharge into the exhaust manifold. A small bleed hole in the thermostat will ensure a slow circulation of cooling water through the cylinder block to prevent 'hot spots' while the engine is warming up.

# Engine Cooling Introduction

# JABSCO<sup>®</sup>

#### **Safety Margins**

**The raw water flow capacities** indicated earlier are for diesel engine cooling systems and include a safety margin of some 30% to ensure adequate engine cooling under adverse operating conditions.

As gasoline engines, unlike diesel engines, have a high heat rejection rate at idling speed, an increase in pumpflow capacity of some 10% at maximum rpm is recommended.

While flow capacities can be affected by salt deposits or scale in pipes due to operation in tropical regions, seawater pollution or age and wear of pumps and systems in general, this is usually a gradual process with ample warning that preventive maintenance becomes desirable.

Far more serious is a reduction in cooling water flow due to adverse conditions caused by inadequate system.

When marine vegetation such as seaweed gets stuck in seawater inlet strainers of insufficient mesh or hole size, this can cause a significant reduction of the cooling water supply to the pump.

On the other hand, no amount of pump flow capacity will safeguard against a sudden but total blockage, for example, a plastic bag covering up the hull inlet. System safety margin can be substantially increased by providing two separate hull inlets usually on either side of the keel joining the pump inlet pipe below the water line. In actual practice the likelihood of both inlets being covered simultaneously has been found to be insignificant.

As heat exchanger and cooler manufacturers' recommendations for a given engine performance and corresponding pump flow will include appropriate safety margins for minimum and maximum flow, it should be kept in mind that excessive water velocities through the heat exchanger pipes due to "over kill," i.e. fitting oversize cooling pumps, may cause pipe erosion and accelerated pump wear through excessive pump operating pressures.

**Low water velocities** through heat exchanger tubes, on the other hand, could result in the formation of sludge. Therefore, too small a pump (insufficient safety margins) may cause inefficient operation of heat exchangers and coolers for much of the time.

# **Suction System**

To provide reliable performance under seagoing conditions, a raw water cooling pump must operate in a correctly designed cooling system. It is, therefore, essential that cooling water should reach the pump without having to overcome undesirable resistance or restrictions

The following general rules are given for guidance.

Suction pipe bore must not be smaller than the pump inlet connection but if total suction pipe exceeds 10 feet in length the bore should be one size larger, particularly if the pump is operated at high speeds (see performance graphs). Use the same size bore pipe throughout, i.e. avoid sudden enlargements or contractions. Use long tapered sections of pipe at any change in pipe bore.

The suction pipe run should be as straight as possible, i.e. avoid unnecessary bends. Do not use square or standard elbows, instead use long sweep bends.

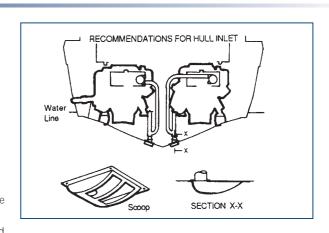
**DO NOT** fit gearbox or engine oil coolers in the pump suction system. Always install after the pump.

**Seacocks** of the same nominal size as the suction pipework should be of the ball or plug type giving full through bore in the open position. The handle position should clearly indicate whether seacocks are open or closed.

**Seawater inlet strainers** should have a hole or mesh size of at least <sup>1</sup>/<sub>8</sub>" diameter and up to <sup>3</sup>/<sub>16</sub>" for larger pumps but smaller than the heat exchanger tube bore.

Check frequently that inlet strainer is not clogged. If in doubt clean thoroughly.

Fast boats (over 12-15 knots) and planing craft, must be fitted with inlet scoops positioned in a permanently wetted area of the ship's hull, to create sufficient inlet pressure at higher boat speeds. Flush inlet fittings are not suitable for fast boats.



Flexible Impeller

# Engine Cooling Introduction

#### **Pump Selection**

Most proprietary marine engines are already fitted with specially adapted flange mounted Jabsco cooling pumps driven by gears or couplings of various descriptions.

A belt drive from the crankshaft pulley will enable almost any standard foot mounted bronze Jabsco pump to be selected provided that the required cooling flow rate is obtained without operating the pump at excessive speeds (see also performance graphs).

Global cooling water requirement for each 100 HP at maximum engine load and rpm (see under Engine Cooling Systems).

#### **Diesel Engines**

Direct cooling: 12 usgpm (45 lpm) (raw water).

Heat exchanger cooling: 18 usgpm (68 lpm) (raw water).

Keel cooling: 36 usgpm (136 lpm)

(fresh water).

#### **Gasoline Engines**

Increase diesel engine figures by about 10%.

If exhaust manifolds are water cooled increase pump capacity by a further 10-15%.

#### **Pump Types**

Selection may depend upon pump speed, space available and type of drive.

#### Plain Bearing Pumps

Maximum operating speeds.

 Belt drive:
 1500-2000 rpm.

 Direct drive:
 2000-2500 rpm.

The stainless steel shaft runs directly on the seawater resistant bronze body material containing 10% lead. Shaft sealing is invariably graphite impregnated gland packing which offers low cost reliability where a slight leakage, necessary for gland lubrication, is acceptable.

#### **Ball Bearing Pumps**

For pump speeds in excess of 2500 rpm ball bearing pumps should be used. Depending on size and duty, speeds of up to 5000 rpm are possible but special attention to suction system conditions is then required (consult Jabsco).

Ball bearing pumps are available in heavy duty and compact types.

#### Heavy Duty Pumps

This range is designed with two spaced bearings and mechanical rotary face seals to meet high reliability criteria under adverse operating conditions, i.e. excessive belt tension, high operating pressure, abrasive conditions such as are found in shallow waters or in-shore operation. Pump bodies are either bolted to a bearing housing or body and bearing housing are a single integral casting. These types of pumps are often unique to the application but some varying pump types can share common bearing housings.

#### Compact Pumps

This pump range is fitted with double row ball bearings providing a low cost compromise between overall pump length and a limited heavy duty capability.

Bearings are shielded, ensuring permanent lubrication by the special grease.

# Angular Deviation Radial Deviation Correct Alignment

#### **Pump Drive Failure**

The majority of pump failures are caused by badly designed pump systems. Secondary causes of pump problems are unsatisfactory drive arrangements.

# Engine Cooling Introduction

# JABSC0°

#### **Pump Drives**

#### **Direct Drives**

Misalignment between pump and drive shafts is a common cause of pump failure.

A flexible coupling is only "flexible" within limitations specified by the manufacturer. Excessive misalignment, particularly at high pump speeds, can cause noise, knocking, vibration, premature bearing failure, usually followed by pump leakage.

#### Belt Drives

The pump speed is determined by the engine pulley diameter and the need to maintain the pump pulley at a practical maximum size. Some engine crankshaft pulleys incorporate vibration dampening membranes resulting in large diameters at the V groove. To lower pump speed relative to engine speed, it is necessary to use a pulley on the pump that is larger than the drive pulley. High engine speeds may, therefore, require oversize pump pulleys which preclude the practicality of a belt drive. Calculating a suitable size pump pulley (example):

# $\frac{\textit{Drive pulley diameter}}{\textit{Pump pulley diameter}} \ \textit{x Engine speed} = \textit{Pump speed}$

Excessive drive belt tension will cause rapid belt wear and may result in premature bearing failure. It should be possible to deflect a correctly tensioned belt between pulleys approximately 1/x=3/4\* by applying finger pressure.

While excessive belt tension may be due to inadvertent overtightening, it should always be verified that it did not result from an inherent fault in the installation, e.g. if pump flow is insufficient due to a slipping belt caused by insufficient contact area between belt and pulley, any amount of tightening would not solve the problem permanently. Ideally, the contact area should be about 120° but not less than 90°.

If the engine is installed on flexible mountings, a belt driven pump must be mounted on the engine, never bolted to the vessel's structure. This is to avoid tensioning or slackening of the drive belt due to relative movements of the engine (see also crankshaft mounted pumps).

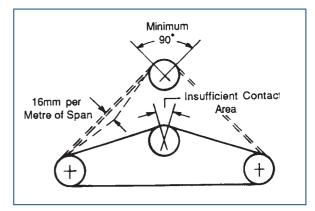
#### Gear Drives

Drive gears fitted to 'heavy duty' flange mounted pumps are supported by the pump ball bearings and driven by one of the engine gears.

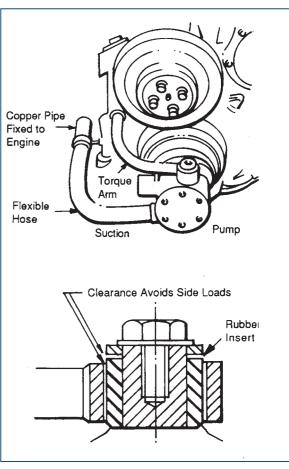
#### Crank Pulley Mounted Drive

A number of Jabsco pumps specially developed for high speed operation on gasoline and diesel engines, are fitted with a multi-positional bearing housing bolted directly to the crankshaft pulley, thus eliminating mounting brackets, belts and pulleys.

As the pump body is supported by the ball bearing only, it must be prevented from rotating by means of a torque arm, designed and installed so as to avoid any side load on the bearing. Inlet and outlet hoses must be flexible, i.e. of adequate length (at least 10 times the hose diameter) so that the pump can be rotated freely over a few degrees by finger pressure only.



Belt Drives



Crank Pulley Mounted Drive Installation Example

Flexible Impeller

Flexible impeller pumps are self-priming and therefore, are ideal for engine cooling, wash-down, circulation and many general purpose on-board or dockside applications. The bronze bodies and stainless steel shafts are well suited for marine environments. They can operate in either rotational direction. A variety of models are available with flows from 3 usgpm (11 lpm) to 83 usgpm (314 lpm) and with different port orientations to suit virtually any pumping requirement. Most models have replaceable cams and wearplates for extended product life.

#### Designed for North American Market



#### 2760 Series

This pump offers all the benefits of flexible impeller pumps in a compact size with moderate flow rate and has vertically oriented ports.

- 3.7 usgpm (14 lpm) at 10ft (3m) total head
- Self-priming to 10ft (3m) vertical lift.
- Neoprene or Nitrile impeller.
- Double-row ball bearing.

Fitting: 1/4" NPT.

Size: 39/16" long x 25/18" wide x 27/16" high.

Weight: 11/12lb (0.7kg).

2760-0001 Pump with Neoprene Impeller, Full Cam and

2760-0003 Pump with Nitrile Impeller,

Full Cam and Lip Seal

For service and spare parts listing see page 154.



#### 2620 Series

This pump offers all the benefits of flexible impeller pumps in a compact size with moderate flow rate and ports oriented at approximate 45° anales.

- 5.8 usgpm (22 lpm) at 10ft (3m) total head @ 1750 rpm
- Self-priming to 10ft (3m) vertical lift.
- Lip seal.
- Neoprene or Nitrile impeller.
- Two single row ball bearings.

Fitting: 3/8" NPT.

Size: 3<sup>15</sup>/<sub>16</sub>" long x 3<sup>1</sup>/<sub>18</sub>" wide x 3<sup>9</sup>/<sub>32</sub>" high.

Weight: 23/4lb (1.3kg).

Pump with Neoprene

Impeller, Full Cam and

Pump with Nitrile Impeller,

2620-1013 Full Cam and Lip Seal.

For service and spare parts listing see page 154.



#### 5320-0011

This pump offers all the benefits of flexible impeller pumps in a compact size with moderate flow rate and has vertically oriented ports.

- 5.8 usgpm (22 lpm) at 10ft (3m) total head @ 1750 rpm
- Self-priming to 10ft (3m) vertical lift.
- Lip seal.
- Neoprene impeller fitted as standard.
- Two single row ball bearings.

Fitting: 3/8" NPT.

**Size:**  $5^{15}/_{16}$ " long x  $3^{1}/_{2}$ " wide x  $3^{5}/_{18}$ " high.

Weight: 11/2lb (0.7kg)

**5320-0011** Pump with Neoprene Impeller, Full Cam and

For service and spare parts listing see page 154.

#### Designed for North American Market



#### 1673 Series

This pump offers all the benefits of flexible impeller pumps in a compact size with moderate flow rate and horizontally oriented ports.

- 11.3 usgpm (43 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift.
- Lip seal.
- Neoprene or nitrile impeller.
- Two single row ball bearings.

Fitting: 1/2" NPT.

**Size:**  $4^{7}/_{16}$ " long x  $4^{1}/_{8}$ " wide x  $3^{13}/_{16}$ " high.

Weight: 41/4lb (2kg).

**1673-1001** Pump with Neoprene Impeller, Full Cam and

Lip Seal.

1673-1003 Pump with Nitrile Impeller, Full Cam and Lip Seal.

For service and spare parts listing see page 153.





#### 3890-9011

This pump offers all the benefits of flexible impeller pumps in a compact size with moderate flow rate and vertically oriented ports.

- 11.3 usgpm (43 lpm) at 10ft (3m) total head @ 1750 rpm.
- Self-priming to 10ft (3m) vertical lift
- Mechanical face seal.
- Neoprene impeller fitted as standard.
- Double-row ball bearing.

Fitting: 3/4" NPT.

Size: 53/16" long x 4" wide x 4" high.

Weight: 4lb (1.8kg).

3890-9011 Pump with Neoprene Impeller, Full Cam and Mechanical Seal.

For service and spare parts listing see page 155.



#### 5330-9001

This pump offers all the benefits of flexible impeller pumps in a mid-size package with substantial flow rate and vertically oriented ports.

- 26 usgpm (98 lpm) at 10ft (3m) total head @ 1750 rpm (full cam model)
- Self-priming to 10ft (3m) vertical lift.
- Mechanical face seal.
- Neoprene impeller fitted as standard.
- Double-row ball bearing.

Fitting: 1" NPT. Size: 7" long x 43/4" wide x 4" high.

Weight: 7 lb (3.2 kg).

5330-9001

5330-9101 Pump with Neoprene Impeller, Full Cam and

Mechanical Seal.

Pump with Neoprene Impeller, 2/3 Cam and Mechanical Seal.

For service and spare parts listing see page 156.

Flexible Impeller

# JABSC0°

#### Designed for North American Market

# JABSC JABSC

# 777 Series Bronze Pedestal Flexible Impeller Pump

Utilises neoprene impellers for water and general purpose pumping. Utilises nitrile impellers which is ideal for oil based products. For reduced flow, choose the half cam version. The choice of a mechanical seal extends pump life. Do not pump gasoline or other flammable liquids. Do not run dry.

■ 23 gpm (87 lpm).

■ Bronze body.

Neoprene or Nitrile impeller.

■ Stainless Steel shaft.

Fitting: 1" NPT (F).

Maximum Pressure: 26 psi or 60 ft of head. Prime Dry, Wet: 8-10 ft (2.4-3m), 20-22

ft (4.6-6.7m).

**Liquid Temp:** 45-160°F (8-70°C), Neoprepe, 50-160°

Neoprene, 50-160°F (10-82°C), Nitrile. Size: 3%6" x 4¾" x 65%6" (90 x 120 x

Weight: 5.8lbs (2.6kg).

777-0001

777-0003

Pump with Neoprene Impeller, Full Cam and Lip

Seal.

Pump with Nitrile Impeller,

Full Cam and Lip Seal.

777-9001 Pump with Neoprene

Pump with Neoprene Impeller, Full Cam and

Mechanical Seal.
777-9003 Pump with Nitrile Impeller,

Full Cam and Mechanical

777-9051 Pump with Neoprene

Impeller, Half Cam and Mechanical Seal.

For service and spare parts listing see **page 156**.



#### 6400 Series

This pump offers all the benefits of flexible impeller pumps in a mid-size package with substantial flow rate and horizontally oriented ports.

■ 62 usgpm (235 lpm) at 10ft (3m) total head @ 1750 rpm.

Self-priming to 10ft (3m) vertical lift.

■ Mechanical face seal.

■ Neoprene or nitrile impeller.

■ Double-row ball bearing.

Fitting: 11/4" NPT.

**Size:**  $8^{1}/_{16}$ " long x  $5^{7}/_{8}$ " wide x  $4^{7}/_{8}$ " high.

**Weight:** 10<sup>1</sup>/<sub>2</sub>lb (4.8kg).

6400-0004

Pump with Neoprene Impeller, Full Cam and Mechanical Seal.

6400-0051

Pump with Neoprene Impeller, Half Cam and Mechanical Seal.

6400-1051

Pump with Neoprene Impeller, Half Cam, Mechanical Seal, and S

Mechanical Seal, and Short Shaft for caterpillar engines.

For service and spare parts listing

see page 156.



#### 7420 Series

This pump offers all the benefits of flexible impeller pumps in a mid-size package with substantial flow rate and vertically oriented ports.

62 usgpm (235 lpm) at 10ft (3m) total head
 2 1750 rpm.

■ Self-priming to 10ft (3m) vertical lift.

Mechanical face seal.

Neoprene impeller.

■ Double-row ball bearing.

Fitting: 1<sup>1</sup>/<sub>4</sub>" NPT.

**Size:** 8<sup>1</sup>/<sub>16</sub>" long x 5<sup>1</sup>/<sub>8</sub>" wide x 5<sup>1</sup>/<sub>16</sub>" high. **Weight:** 10<sup>1</sup>/<sub>2</sub>lb (4.8kg).

7420-0004 Pump with Neoprene

Impeller

Impeller, Full Cam and Mechanical Seal. Pump with Neoprene

7420-1001

Impeller, Full Cam, Mechanical Seal, and Short Shaft for caterpillar engines.

For service and spare parts listing see **page 158**.

# Pulley Driven Pumps

#### **Designed for North American Market**

#### 18370-0000



This pump is the largest pedestal mount flexible impeller utility type pump and provides the greatest flow rate and horizontally oriented ports.

■ 83 usgpm (314 lpm) at 10ft (3m) total head @ 1750 rpm.

■ Self-priming to 10ft (3m) vertical lift.

■ Mechanical face seal.

■ Neoprene or nitrile impeller.

■ Two single row ball bearings.

Fitting: 2" NPT.

Size: 10<sup>7</sup>/<sub>8</sub>" long x 8" wide x 5<sup>1</sup>/<sub>16</sub>" high.

Weight: 19lb (8.6kg).

**18370-0000** Pump with Neoprene

Impeller, Full Cam and Mechanical Seal.

For service and spare parts listing

see page 159.



#### **52580 Series**

This compact pump offers a compromise between pump overall size and duty capability.

■ 1,070 igph (4,850 lph) at 10ft (3m) total head @ 1,500 rpm.

By use of optional thinner cams, variable flows are obtainable to suit individual applications.

■ Self Priming up to 15ft (4.5m) vertical lift.

The open design of this pump allows debris to pass through without affecting the flow and reliability. ■ Space sealed for life bearings.

■ Long-life mechanical seal.

■ Neoprene impeller is fitted as standard.

Fitting: 1" NPT.

Size: 6<sup>1</sup>/<sub>2</sub>" long x 5" wide x 4" high (180mm x 120mm x 100mm).

Weight: 5lb (2.1kg).52580-9001 Pump.

For service and spare parts listing see **page 176**.



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Flexible Impeller

# Pulley Driven Pumps

#### Designed for European Market

# **Pulley Driven Engine Cooling and General Purpose Pumps**

Flexible impeller pumps are self-priming and therefore, are ideal for engine cooling, wash-down, circulation and many general purpose on-board or dockside applications. The bronze bodies and stainless steel shafts are well suited for marine environments. They can operate in either rotational direction. A variety of models are available with flows from 11 lpm (2.5 igm) to 314 lpm (69 igm) and with different port orientations to suit virtually any pumping requirement. Most models have replaceable cams and wearplates for extended product life.

#### **Designed for European Market**



#### **29860 Series**

This compact design offers commercial users a reliable and easily maintained pump for transfer duties at high flow rates.

- 6,336 igph (28,800 lph) at 10ft (3m) total
- Self-priming up to 18ft (5.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Spaced bearings allow faster running and longer bearing life
- Mechanical seal offers long life and reliability to commercial duty installations.

■ Easily maintained and serviced using ordinary hand tools.

■ Neoprene impeller is fitted as standard. Fitting: 21/2" BSP internal thread/ 21/2" flange.

13" long x 9" wide x 9" high. (332mm x 224mm x 220mm)

Weight: 28lb (12.5kg).

29860-2201 Pump with Vertical Ports.

For service and spare parts listing see page 173.



#### **52270 Series**

This composite design offers a strong and reliable pump for adverse operating conditions.

- 3,600 igph (16,350 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications
- Self-priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow
- Spaced bearings allow faster running and longer bearing life.

- Mechanical seal offers long life and reliability to commercial duty installations.
- Neoprene impeller is fitted as standard.

Fitting: 2" BSP internal thread/ optional 2" flange.

11" long x 7" wide x 5" high (276mm x 170mm x 128mm)

Weight: 20lb (9kg).

**52270-0011** Pump with Flange Ports. **52270-2011** Pump with BSP Ports.

For service and spare parts listing see page 176.



#### **52220 Series**

This composite design offers a strong ■ Mechanical seal offers long life and reliability and reliable pump for adverse operating conditions.

- 2,600 igph (11,700 lph) at 10ft (3m) total head @ 1,500 rpm
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self-priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Spaced bearings allow faster running and longer bearing life.

- to commercial duty installations.
- Neoprene impeller is fitted as standard. Fitting: 11/2" flange.

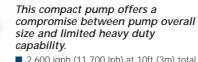
10<sup>1</sup>/<sub>2</sub>" long x 6" wide x 6" high

276mm x 152mm x 146mm high. Weight: 16lb (7kg).

**52220-0011** Pump.

For service and spare parts listing see page 176.

#### **52200 Series**



- 2,600 igph (11,700 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self-priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Double row angular contact bearing allows short length pump with medium duty rating.
- Mechanical seal offers long life and reliability to commercial duty installations.

JABSCO<sup>®</sup>

■ Neoprene impeller is fitted as standard.

Fitting: 11/2" BSP internal thread. 8" long x 6" wide x 5" high. (204mm x 150mm x 120mm).

Weight: 11lb (5kg). **52200-2011** Pump.

For service and spare parts listing see page 176.



#### 9710 Series

This composite design offers a strong and reliable pump for adverse operating conditions.

- 1,070 igph (4,850 lph) at 10ft (3m) total head @ 1.500 rpm
- By use of optional thinner cams, variable flows are obtainable to suit individual applications
- Self-priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability
- Spaced bearings allow faster runnings and longer bearing life.

- Mechanical seal offers long life and reliability to commercial duty installations.
- Neoprene impeller is fitted as standard.

Fitting: 1" BSP internal thread.

9" long x 5" wide x 3" high (229mm x 120mm x 80mm).

Weight: 8lb (3.4kg).

**9710-200** Pump.

For service and spare parts listing see page 159.



#### **52580 Series**

This compact pump offers a compromise between pump overall size and duty capability.

- 1,070 igph (4,850 lph) at 10ft (3m) total head @ 1,500 rpm
- By use of optional thinner cams, variable flows are obtainable to suit individual
- Self-priming up to 15ft (4.5m) vertical lift.
- The open design of this pump allows debris to pass through without affecting the flow and reliability.
- Spaced sealed for life bearings.
- Long-life mechanical seal.
- Neoprene impeller is fitted as standard.

Fitting: 1" BSP internal thread.

6<sup>1</sup>/<sub>2</sub>" long x 5" wide x 4" high (180mm x 120mm x 100mm). Weight: 5lb (2.1kg).

52580-2001 Pump.

**50320-2001** Model available to replace Johnson 10-24070-1 with Lipseal and Double Row

Bearing

For service and spare parts listing see page 176.

# Pulley Driven Pumps

#### Designed for European Market

#### **10550 Series**

and reliable pump for adverse operating conditions.

- 530 igph (2.400 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications.
- Self-priming up to 18ft (5.6m) vertical lift.
- Ideal for transfer duties, this pump offers a high flow to size ratio.
- Spaced bearings allow faster running and longer bearing life.

- This composite design offers a strong Mechanical seal offers long life and reliability to commercial duty installations.
  - Neoprene impeller is fitted as standard.

Fitting: 3/4" BSP internal thread. 7" long x 4" wide x 3" high) (170mm x 106mm x 75mm).

Weight: 7lb (3kg). **10550-200** Pump.

For service and spare parts listing

#### **52040 Series**

This compact design offers compromise between pump overall size and duty capability.

- 530 igph (2,400 lph) at 10ft (3m) total head @ 1,500 rpm.
- By use of optional thinner cams, variable flows are obtainable to suit individual applications
- Self-priming up to 18ft (5.6m) vertical lift.
- Ideal for transfer duties, this pump offers a high flow to size ratio.
- Double row angular contact bearing allows short length pump with medium duty

- Lip seal offers low cost reliability in medium duty environments.
- Neoprene impeller is fitted as standard.

Fitting: 3/4" BSP internal thread. Size: 5" long x 4" wide x 3 high" (128mm x 106mm x 78mm high).

Weight: 3lb (1.5kg).

52040-2001 Pump.

For service and spare parts listing



Also available in North America.

#### **51520 Series**

This compact pump with a new Carbon/Ceramic mechanical seal now offers commercial duty.

- Replaces existing Jabsco and competitors
- 240 igph (1080 lph) at 10ft (3m) total head @ 1500 rpm.
- Self-priming up to 13ft (4.1m) vertical lift. ■ Sealed bearings for longer life.
- Ideal for transfer duties, this pump offers a
- Neoprene Impeller is fitted as standard.

high flow to size ratio.

Fitting: 3/8" BSP internal thread.

33/4" long x 3" wide x 31/2" high

(95.4mm x 80mm x 85mm).

Weight: 3lb (1.4kg).

51520-2001 Pump.

**51520-9001** Pump (NPT Thread).

For service and spare parts listing see page 175.

Replaces Johnson model F4B-8 (10-24074).

# Pulley Driven Pumps

#### Designed for European Market



Also available in North America.

#### **5**1510 Series

This compact pump with a new Carbon/Ceramic mechanical seal now offers commercial duty.

- Replaces existing Jabsco and competitors
- 137 igph (630 lph) at 10ft (3m) total head @ 1500 rpm
- Self-priming up to 11ft (3.5m) vertical lift.
- Sealed bearings for longer life.
- Ideal for transfer duties, this pump offers a high flow to size ratio.
- Neoprene Impeller is fited as standard.

Fitting: 3/8" BSP internal thread.

35/8" long x 3" wide x 23/8" high (92mm x 80mm x 60mm).

Weight: 2lb (0.9kg).

**51510-2001** Pump. **51510-9001** Pump (NPT Thread).

For service and spare parts listing see page 175.

Replaces Johnson model F35B-8 (10-35038)



# Upgrade to Jabsco Engine Cooling Pumps

As originators of the flexible impeller engine cooling pump Jabsco is known worldwide for quality, reliability and serviceability.

As original equipment suppliers to engine marinizers, we also manufacture aftermarket alternatives to many original pumps. These pumps are designed to be fully serviceable and after long use can be restored to like new condition, avoiding complete pump replacement.

#### Designed for North American Engines



#### **Jabsco 50410-Series**

Probably the best crank shaft mounted pump available.

- Fits all major V8 engines.
- Lip or Mechanical Seals available.
- Specially designed impeller for longer life.
- Supercedes 22110 series pumps.

Fitting: 1.25" (32mm) ID Hose.

**Size:** 50410-1201/1301: 5" x 4.5" x 4.5" (13cm x 11cm x 11cm).

50410-1401/1501: 4.5" x 4.5" x 4.5" (11cm x 11cm x 11cm).

Weight: 5lb (2.2 kg).

**50410-1201** 454Cl Chevrolet, Lip Seal.

50410-1301 454CI Chevrolet, Mechanical Seal.

**50410-1251** 305 & 350Cl Chevrolet, Lip Seal.

**50410-1351** 305 & 350Cl Chevrolet, Mechanical Seal.

50410-1401 8.1L Chevrolet, Lip Seal. 50410-1501 8.1L Chevrolet, Mechanical Seal.

For service and parts see page 175.



## Mercruiser Type 43210-0001

Marine Engine Cooling Replaces MerCruiser Model 46-72774-A32.

- Left or Right Hand Rotation.
- One Piece Bronze Body.
- Bronze End Plate.
- Replaceable Cam and Wearplate.

Fitting: 11/4" Hose Barb.

**Size:**  $9^5/_{32}$ " long x  $4^1/_2$ " wide  $4^1/_8$ " high.

Weight: 7lb (3.2kg).
Drive: Pulley.

Mount: MerCruiser Clamp Type or

MerCruiser Bracket.

**43210-0001** MerCruiser Pump. **43216-1000** Replacement Bronze End

Cover for MerCruiser

For service and spare parts listing see **page 173**.



#### **Crusader Type 42730-0000**

Marine Engine Cooling Replaces Crusader Model Number 97179 and Sherwood E-35.

- Fits most pre: 1993 Crusader engines.
- Accepts Crusader drive pulley.
- Bolts directly to stock mounting bracket.
- Wearplate and seal can generally be replaced without removing the pump shaft.

Fitting: 1" NPT internal.

**Size:**  $4^{15}/_{16}$ " long x  $4^{7}/_{8}$ " wide x  $4^{1}/_{4}$ " high.

Weight: 7lb (3.2kg)
Drive: Pulley.
Mount: Pedestal.

**42730-0000** Crusader. For service and spare parts listing

see **page 173**.

# Upgrade to Jabsco Engine Cooling Pumps





Mounting tabs near body

Port size

Port size

Port size

1" 18830-0000

11/4" 18930-0000

1" 18830-0010

1" 18830-1020 1<sup>1</sup>/<sub>4</sub>" 18930-0020

11/4" 18930-0010



With pulley adaptor



With pul



With keyed shaft



Mounting tabs near pulley



Port size 1" 18840-0010 1<sup>1</sup>/<sub>4</sub>" 18940-0010 1<sup>1</sup>/<sub>2</sub>" 18825-0010

# **Engine Cooling Pumps**

Jabsco Replacements for Sherwood Engine Cooling Pumps.

Jabsco engine cooling pumps are constructed with all bronze body, bearing housing and stainless steel shaft to withstand harsh marine environments. They can directly replace the Sherwood models G-30-2 on current Chris Craft production engines and G-5 on current Chrysler engines.

They may also fit some models of Volvo, Escort, Pleasurecraft and Datsun engines.

Pumps are available in a variety of configurations. They can be supplied with a choice of: 1" or 1<sup>1</sup>/<sub>4</sub>" ports; mounting tabs on front or rear of bearing housing; and 6<sup>1</sup>/<sub>2</sub>" "A" belt pulley, pulley mounting adaptor, or <sup>3</sup>/<sub>16</sub>" key on the shaft.

For service and spare parts listing see **pages 153-176**.

Jabsco Model No	Sherwood Model No	Port Size	Engine Application
18830-0000	G-30-2	1" (25mm)	Chris Craft; 350 C.I.
18830-1020	-	1" (25mm)	Commander Marine 302, 351 C.I.
			Glastron 302, 351 C.I. 165, 190, 200 & 225
18840-0010	G-21	1" (25mm)	Pleasurecraft
18840-1010	-	1" (25mm)	Nisson LDM 4 Cyl.
18930-0000	G-45-1	1 <sup>1</sup> / <sub>4</sub> " (32mm)	Chris Craft
18940-0010	G-5, G-7-B	1 <sup>1</sup> / <sub>4</sub> " (32mm)	Chrysler LM-318X-LM-340X
			Lehman 302, 351 C.I.
			Powerhouse Marine 302, 351 C.I.

# 17360-1001 Marine Engine Cooling for Engine

Marine Engine Cooling for Engine Models. Caterpillar D-336 and D-353. With minor plumbing modifications may be adapted to:

- Caterpillar D-343
- Detroit Diesel V-71 and V-92.
- Some Stewart and Stevenson Marinizations of Detroit Diesel Engines.

Fitting: 2-1/2" flange port.

**Size:**  $9^{1}/4$ " long x  $7^{7}/8$ " wide x  $5^{5}/16$ " high.

Weight: 28lb (12.7kg).
Drive: Gear.
Mount: Engine.

17360-1001

ons For service and spare parts listing

see page 164.

# Upgrade to Jabsco Engine Cooling Pumps

# Upgrade to Jabsco Engine Cooling Pumps

11850-0701

Marine Engine Cooling:

■ Holman & Moody.

Crusader.

■ Daytona.

**Designed for North American Engines** 

# JABSCO\*

#### **Designed for North American Engines**



#### 5850-0001

Marine Engine Cooling:

- Flagship.
- Palmer Lehman.
- Chris-Craft.

Fitting: 3/4" NPT.

**Size:**  $5^{5/16}$ " long x  $4^{1}/_{4}$ " wide x  $3^{1}/_{4}$ " high.

Weight: 6lb (2.7kg). Drive: Coupler. Mount: Engine.

For service and spare parts listing

see page 156.



#### 12600-0001

Marine Engine Cooling for Engine Models:

- Cummins V-903.
- Cummins VT-903.

Fitting: 3" hose.

Size: 7" long x 73/8" wide x 81/2" high.

Weight: 20lb (9kg) Drive: Gear. Mount: Engine.

For service and spare parts listing

see page 164.



7420-1001

Marine Engine Cooling for Engine

- Caterpillar 3160.
- Caterpillar 3208.

Fitting: 11/4" NPT vertical ports.

**Size:**  $7^{1/32}$ " long x  $5^{7/8}$ " wide x  $4^{7/8}$ " high.

Weight: 10<sup>1</sup>/<sub>2</sub>lb (4.8kg). Drive: Pulley. Mount: Pedestal.

For service and spare parts listing

see page 158.



# 18400-0050

Marine Engine Cooling Generator

Pump:

Onan MDJF 15KW.

Fitting: 3/4" NPT.

Details: 1" hose.

Drive: Pulley.

Mount: Bracket

Weight: 6lb (2.7kg).

**Size:**  $4^{7}/_{16}$ " long x  $6^{1}/_{16}$ " wide.

but with the re-positioned cam.

For service and spare parts listing

Model 11850-0711 is the same as 11850-0701

**Size:**  $5^{5}/_{16}$ " long x  $4^{1}/_{4}$ " wide x  $3^{1}/_{4}$ " high.

Weight: 6lb (2.7kg). Drive: Coupler. Mount: Engine.

For service and spare parts listing

see page 165.





#### 3270-0001

Marine Engine Cooling for Engine Models:

■ Perkins 4-107.

■ Perkins 4-108.

Fitting: 3/4" NPT.

**Size:**  $4^{1}/4^{"}$  long x  $4^{1}/8^{"}$  wide x  $3^{7}/8^{"}$  high.

Weight: 4lb (1.8kg). Drive: Coupling. Mount: Engine.

For service and spare parts listing

see page 154.



#### 6400-1051

Marine Engine Cooling for Engine

- Caterpillar 3160.
- Caterpillar 3208.

Fitting: 11/4" NPT Horizontal Ports. **Size:**  $7^{1}/_{32}$ " long x  $5^{7}/_{8}$ " wide x  $4^{7}/_{8}$ " high.

Weight: 10<sup>1</sup>/<sub>2</sub>lb (4.8kg). Drive: Pulley. Mount: Pedestal.

For service and spare parts listing

# Upgrade to Jabsco Engine Cooling Pumps

#### Designed for European Engines



#### **10950 Series**

Marine Engine Cooling pump for Ford Dover and Dorset 4-cyl Engines.

Marinised by:

C-Power.CT Marine.

Lancing.

■ Lehman. ■ SABB.

■ Sabre.
■ Watermota

Fitting: 3/4" BSP.

Size: 6<sup>1</sup>/<sub>2</sub>" long x 4<sup>1</sup>/<sub>2</sub>" wide x 5<sup>1</sup>/<sub>8</sub>" high (166mm x 115mm x 130mm).

Weight: 7lb (3.0kg).
Drive: Drive Gear.
Mount: Engine.

For service and spare parts listing

see **page 164**.



Also available in North America.

#### **21140 Series**

Marine Engine Cooling pump for Ford Dover and Dorset 6-cyl Engines.

Marinised by:

C-Power.

■ Hawker Siddeley Marine (Lister Petter).

Lancing.Lehman.

■ Mermaid

■ SABB.

Sabre.

Tempest.Watermota.

Fitting: 1" BSP.

**Size:**  $7^{1/4}$ " long x  $4^{1/2}$ " wide x  $5^{1/8}$ " high

(185mm x 115mm x 130mm).

Weight: 8lb (3.6kg).
Drive: Drive Gear.
Mount: Engine.

For service and spare parts listing see page 166.



#### **2**9500-1001

Marine Engine Cooling pump for:

■ Aifo Iveco.

Lancing.Perkins.

Sole.

VM Motori.

no.

Size: 4<sup>3</sup>/<sub>4</sub>" long x 4" wide x 4" high (110mm x 100mm x 100mm).

Weight: 2<sup>1</sup>/<sub>2</sub>lb (1.2kg)
Drive: Coupling.
Mount: Engine.

Fitting: 28mm hose.

For service and spare parts listing

see page 172.



#### 3270-200

Marine Engine Cooling pump for:-

Aifo Iveco.

Lancing.

Perkins.

Sole.

Tempest.VM Motori

Fitting: 3/4" BSP.

**Size:** 4<sup>1</sup>/<sub>4</sub>" long x 4" wide x 3<sup>3</sup>/<sub>8</sub>" high (108mm x 100mm x 84mm).

Weight: 31/2lb (1.6kg).
Drive: Coupling.
Mount: Engine.

For service and spare parts listing see **page 154**.

# Upgrade to Jabsco Engine Cooling Pumps

# JABSC0°

#### **Designed for European Engines**



Also available in North America.

#### 9700-01

Marine Engine Cooling pump for:

■ Hamworthy.

Perkins.

■ Leyland-Thornycroft.

Fitting: 1" flanged.

**Size:** 5<sup>3</sup>/<sub>4</sub>" long x 4<sup>3</sup>/<sub>4</sub>" wide x 3<sup>7</sup>/<sub>8</sub>" high (149mm x 121mm x 99mm).

Weight: 6 lb (2.8 kg).
Drive: Coupling.
Mount: Engine.

For service and spare parts listing

see page 159.



#### 9970-200

Marine Engine Cooling pump for:

■ Hawker Siddeley Marine (Lister Petter).

■ Hamworthy.

Perkins.Lehman.

■ Sisu (Valmet)

Fitting: 3/4" BSP.

**Size:** 5<sup>5</sup>/<sub>8</sub>" long x 4" wide x 3<sup>3</sup>/<sub>8</sub>" high (142mm x 100mm x 86mm).

Weight: 4lb (1.8 kg).

Weight: 4lb (1.8 k
Drive: Coupling.
Mount: Engine.

For service and spare parts listing

see page 160.



10970

Marine Engine Cooling pump for:

■ Perkins 4.236.

Fitting: 3/4" NPTF.

Size: 5<sup>5</sup>/<sub>8</sub>" long x 4<sup>3</sup>/<sub>4</sub>" wide x 4<sup>1</sup>/<sub>2</sub>" high (144mm x 120mm x 115mm).

Weight: 7lb (3.26kg).
Drive: Drive Gear.
Mount: Engine.

For service and spare parts listing

see page 162.



10970-21

Marine Engine Cooling pump for:

■ Perkins 4.236.

Perkins M90.

Fitting: 3/4" flanged.

**Size:** 5<sup>7</sup>/8" long x 5<sup>5</sup>/8" wide x 4<sup>1</sup>/2" high (149mm x 143mm x 115mm).

Weight: 8lb (3.6kg).
Drive: Drive Gear.
Mount: Mount.

For service and spare parts listing

see page 162.

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# Cooling Pump Spares by Make of Engine **Ai-Be**

Engine Details		Ja	absco Pu	mp [	)eta	ails		Serv	ice Kit De	etails	
Engine Model	Pump	Size	Port		Obso-	Alternative	Kit	End Cover	Impeller	Water	End Cover
Number  AIFO   VECO -   TA	Number		Size	Туре	lete	Pump Number	Number	Gasket		Seal	Screws
CO 1DM / 2DM / 3DM	9700-41	080	1" Flanged	Flange			SK238-21	2432	17937-0001	SP6080-06	SP1003-01
CO 3M / 3SM	3270-200	040	¾" BSP			29500-1001	SK271	3298	1210-0001	SP2701-21	SP1003-01
CO 31VI / 331VI	29500-1001	040	Ø 28 Hose	Flange	Х	29300-1001	SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
CP 3M	3270-200	040	%" BSP	Flange	v	29500-1001	SK271	3298	1210-0001	SP2700-1027	SP1002-02
CF 3W	29500-1001	040	Ø 28 Hose		X	29300-1001	SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
CP 3SM	9700-21	080		Flange	v	29600-1001	SK238	890	17937-0001	SP6080-06	SP1002-02
CF 33IVI	29600-1001		1" Flanged	Flange	Х		SK385-0101	890		SP6080-0469	
OMCP 3M	9700-21	080	Ø 32 Hose	Flange	,	New Pipework 29600-1001	SK238	890	17937-0001 17937-0001	SP6080-0469	SP1003-011
OIVICE SIVI	29600-1001	080	1" Flanged Ø 32 Hose	Flange Flange	Х	New Pipework	SK385-0101	890	17937-0001	SP6080-0469	SP1003-011
UNO M20	22770-1051	060	Ø 25 Hose	Crank		29440-1051	SK346	1985-01	673-0001	SP2701-21	SP1003-011
UNO M40	22770-1051	060	Ø 25 Hose	Crank	X	29440-1051	SK346	1985-01	673-0001	SP2701-21	SP1004-09
0NO W40					Х	29440-1051	SK402-0001				SP1004-09 SP1004-09
F02 / F04 / F0F / F12	29440-1051	020	Ø 25 Hose	Crank				1985-0000	18653-0001	29441-0000	
503 / 504 / 505 / 513	9700-61	080	1" Flanged	Flange	Х		SK238	890	17937-0001	SP6080-06	SP1003-01
5205 / 521 / 5215	9700-61	080	1" Flanged	Flange	Х		SK238	890	17937-0001	SP6080-06	SP1003-01
514 / 600	9560	010	%" BSP	Flange	Х		SK23	1189	4528-0001	SP2701-14	SP1002-01
804 & 8041 Series	3270-200	040	¾" BSP	Flange	Х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
806 Series	3270-200	040	¾" BSP	Flange	Х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
8060 SRM	3270-200	040	3/4" BSP	Flange	Х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
8061 M / SM20	3270-200	040	¾" BSP	Flange	Х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
806 SM	9700-21	080	1" Flanged	Flange	Х	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-01
8060 M / SDM	9700-21	080	1" Flanged	Flange	Х	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-01
8061SM / SRM	9700-21	080	1" Flanged	Flange	Х	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-01
	29600-1001	080	Ø 32 Hose	Flange		New Pipework	SK385-0101	890	17937-0001	SP6080-0469	SP1003-0111
8141 M / SRM	9700-21	080	1" Flanged	Flange	Х	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-01
	29600-1001	080	Ø 32 Hose	Flange		New Pipework	SK385-0101	890	17937-0001	SP6080-0469	SP1003-0111
8141SM11	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
821 / 8210 / 8220 / 8280M	9700-21	080	1" Flanged	Flange	х	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-01
8210 M	9700-21	080	1" Flanged	Flange	х	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-01
	29600-1001	080	Ø 32 Hose	Flange		New Pipework	SK385-0101	890	17937-0001	SP6080-0469	SP1003-0111
8280 M / 8281 SRM	23340-1001	120	Ø 45 Hose	Flange			SK310	890	17018-0001	22617-0010	SP1003-09
8281 SRM 44 / 47 / 70	11100-0541	270	2" Flanged	Flange			SK254	816	21676-0001	21849	SP1005-04
828 MTEA	10880-2611	200	1½" Flanged	Flange			SK375-0101	816	17935-0001	21849	SP1005-04
	10880-2561	200	1½" Flanged	Flange			SK375-0101	816	17935-0001	21849	SP1005-04
91 SRM / 12L	29850-0031	370	2¾" Flanged	Flange	х	29880-0001	SK410	X4020-424A	17420-0001	21849	SP1094-0060
	29880-0001	370	2¾" Flanged	Flange		Respecified	SK410	X4020-424A	17240-0001	21849	X3001-180F
836 MTCA	9700-21	080	1" Flanged	Flange	х	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-01
8361 M / SM / SRM	9700-21	080	1" Flanged	Flange	х	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-01
	29600-1001	080	Ø 32 Hose	Flange		New Pipework	SK385-0101	890	17937-0001	SP6080-0469	SP1003-0111
8460 SRM 45 / 50	11100-0541	270	2" Flanged	Flange			SK254	816	21676-0001	21849	SP1005-04
402IM17	29470-2231C	020	%" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
403IM25	29470 <b>-</b> 2531C	020	%" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
404IM33	29470-2431C	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
414IM48	29470 <b>-</b> 2431C	020	%" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
AMERICAN DIESE											
Ford (UK) 4 Cyl	10950-2401	040	¾" BSP	Flange			SK239	3298	1210-0001	22617-0010	SP1002-02
Ford (UK) 6 Cyl	21140-2401	080	1" BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09
BAUDOUIN - FRA	NCE				_						
GD 106	23430-1301	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-011
	12.23.331		2 2 2 11032	gc						12.30 1027	
BETA MARINE - U	IK										
Isuzu - B3KC1	29460-1001	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
DULU DINCI	25-00-1001	1020	20 11036	lange			JK-01-0001	2333-0030	10055-0001	312/0131006	31 1002-01

# Cooling Pump Spares by Make of Engine **Be-Cu** JABSCO

Engine Details	s Jabsco Pump Details							Service Kit Details					
Engine Model	Pump	Size	Port	Mount	_		Kit	End Cover	Impeller	Water	End Cover		
Number	Number		Size	Туре	<b>l</b> ete	Pump Number	Number	Gasket		Seal	Screws		
BETA MARINE - U	JK CONTI	NU	ED										
BD3	23430-1251	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-011		
BD4	21140-2601	080	1" BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09		
BZ482	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002 <b>-</b> 01		
BD662/772	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01		
BD1005	29460-1301	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01		
BV1205/1305/1505	29460-1301	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01		
BV1903/2203	29500-1501	040	Ø 28 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01		
BF2803	29500-1501	040	Ø 28 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01		
Kubota-Series BZ/BD/BV	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01		
BOMAC MARINE	- USA												
Ford (UK) -4 Cyl	10950-2401	040	3/4" BSP	Flange			SK239	3298	1210-0001	22617-0010	SP1002-02		
Ford (UK) -6 Cvl	21140-2401	080	1" BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09		
Toru (ork) -o cyr	21140-2401	000	1 031	lange			SKZZS	050	17337-0001	22017-0010	31 1003-03		
BUKH-KALUNDBO	)PG												
	29300-2101C	010	¾" BSP	Flance			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-0950		
DV 8 ME / SME				Flange									
DV 10 L / LME / LSME	29300-2101C		3/8" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-0950		
DV 10 M	11260-2151	010	¾" BSP	Flange	Х	29300 <b>-</b> 2151C	SK266	1126	4528-0001	SP2701-04	SP1002-01		
DV 10 ME / SME	29300-2101C		¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-0950		
DV 20 M	11260-2101	010	¾" BSP	Flange	Х	29300 <b>-</b> 2201C	SK266	1126	4528-0001	SP2701-04	SP1002-01		
DV 20,24,36 ME / SME	29300-2101C	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-0950		
2G/3G 105M	10-32256-1	040							1210-0001				
4K 105 M	9710-205	080	1" BSP	Foot			SK229-01	2432	17937-0001	22617-0010	SP1003-09		
6K 105 M	9710-204	080	1" BSP	Foot	х		SK229	890	17937-0001	22617-0010	SP1003-09		
C - POWER (MAR	INE) LTD												
3.323 / 329	21090-204	040	¾" BSP	Flange	х		SK230	816	836-0001	21849	SP1005-04		
3.333 / 333 H	21090-204	040	¾" BSP	Flange	х		SK230	816	836-0001	21849	SP1005-04		
4.18	6490-223	040	½" BSP	Foot			SK225-01	6496	1210-0001	SP2701-21	SP1003-09		
4.90	52040-2001	040	¾" BSP	Foot			SK384-0101	3298	1210-0001	SP2701-1015	X3001-095		
4.120	3270-200	040	¾" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02		
4.120	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02		
4.220	6490-223	040	½" BSP	Foot			SK225-01	6496	1210-0001	SP2701-21	SP1003-09		
4.254	10950-2441	040	3/4" BSP	Flange	х	10950-2601	SK239	3298	1210-0001	22617-0010	SP1002-02		
4.254	10950-2601	040	3/4" BSP	Flange			SK239	3298	1210-0001	22617-0010	SP1002-02		
4.254	21140-2401	080	1"BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09		
4.442				Flange	х		SK230	816	836-0001	21849	SP1005-04		
4.444	1 21090 <u>-</u> 207				^		31(230	010	050 0001				
6.216	21090-204	040	3/4" BSP	_			SK385-0001	800	17027-0001	CD2700-1027	CD1002_011		
6.216	23430-1201	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027			
	23430-1201 21140-2401	080	Ø 32 Hose 1" BSP	Flange Flange			SK229	890	17937-0001	22617-0010	SP1003-011 SP1003-09		
6.363 TC / TC 1C	23430-1201 21140-2401 21140-200	080 080 080	Ø 32 Hose 1" BSP 1" BSP	Flange Flange Flange	х	21140-2401	SK229 SK229	890 890	17937-0001 17937-0001	22617-0010 22617-0010	SP1003-09 SP1003-09		
6.363 TC / TC 1C 6.363 TC / TC 1C	23430-1201 21140-2401 21140-200 21140-2401	080 080 080 080	Ø 32 Hose 1" BSP 1" BSP	Flange Flange Flange Flange			SK229 SK229 SK229	890 890 890	17937-0001 17937-0001 17937-0001	22617-0010 22617-0010 22617-0010	SP1003-09 SP1003-09 SP1003-09		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380	23430-1201 21140-2401 21140-200 21140-2401 21140-200	080 080 080 080	Ø 32 Hose 1" BSP 1" BSP 1" BSP	Flange Flange Flange Flange Flange	x	21140-2401 21140-2401	SK229 SK229 SK229 SK229	890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010	SP1003-09 SP1003-09 SP1003-09		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380 6.380	23430-1201 21140-2401 21140-200 21140-2401 21140-200 21140-2401	080 080 080 080	Ø 32 Hose 1" BSP 1" BSP	Flange Flange Flange Flange			SK229 SK229 SK229 SK229 SK229	890 890 890	17937-0001 17937-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010 22617-0010	SP1003-09 SP1003-09 SP1003-09 SP1003-09		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380	23430-1201 21140-2401 21140-200 21140-2401 21140-200	080 080 080 080	Ø 32 Hose 1" BSP 1" BSP 1" BSP	Flange Flange Flange Flange Flange			SK229 SK229 SK229 SK229	890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010	SP1003-09 SP1003-09 SP1003-09 SP1003-09		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380 6.380	23430-1201 21140-2401 21140-200 21140-2401 21140-200 21140-2401	080 080 080 080 080	Ø 32 Hose 1" BSP 1" BSP 1" BSP 1" BSP 1" BSP	Flange Flange Flange Flange Flange			SK229 SK229 SK229 SK229 SK229	890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010 22617-0010	SP1003-09 SP1003-09 SP1003-09 SP1003-09 SP1003-011		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380 6.380 6.666	23430-1201 21140-2401 21140-200 21140-2401 21140-2401 23430-1201	080 080 080 080 080 080	Ø 32 Hose  1" BSP  1" BSP  1" BSP  1" BSP  0" 32 Hose	Flange Flange Flange Flange Flange Flange			SK229 SK229 SK229 SK229 SK229 SK229 SK385-0001	890 890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010 22617-0010 SP2700-1027	SP1003-09 SP1003-09 SP1003-09 SP1003-09 SP1003-011 SP1003-011		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380 6.380 6.666 6.78 LTT I	23430-1201 21140-2401 21140-200 21140-2401 21140-200 21140-2401 23430-1201 29700-1201	080 080 080 080 080 080 080	Ø 32 Hose  1" BSP  1" BSP  1" BSP  1" BSP  1" BSP  0 32 Hose Ø 45 Hose	Flange Flange Flange Flange Flange Flange Flange Flange			SK229 SK229 SK229 SK229 SK229 SK385-0001	890 890 890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001 17937-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010 22617-0010 SP2700-1027 SP6080-0469	SP1003-09 SP1003-09 SP1003-09 SP1003-09 SP1003-011 SP1003-011		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380 6.380 6.666 6.78 LTT I Ford 2500	23430-1201 21140-2401 21140-200 21140-201 21140-200 21140-2401 23430-1201 29700-1201 23430-1201	080 080 080 080 080 080 120 080	Ø 32 Hose  1" BSP  1" BSP  1" BSP  1" BSP  1" BSP  0 32 Hose Ø 45 Hose Ø 32 Hose	Flange Flange Flange Flange Flange Flange Flange Flange			SK229 SK229 SK229 SK229 SK229 SK385-0001 SK386-0001	890 890 890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001 17937-0001 17018-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010 22617-0010 SP2700-1027 SP6080-0469 SP2700-1027	SP1003-09 SP1003-09 SP1003-09 SP1003-09 SP1003-011 SP1003-011		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380 6.380 6.666 6.78 LTT I Ford 2500	23430-1201 21140-2401 21140-200 21140-201 21140-200 21140-2401 23430-1201 29700-1201 23430-1201	080 080 080 080 080 080 120 080	Ø 32 Hose  1" BSP  1" BSP  1" BSP  1" BSP  0 32 Hose Ø 45 Hose Ø 32 Hose	Flange Flange Flange Flange Flange Flange Flange Flange			SK229 SK229 SK229 SK229 SK229 SK385-0001 SK386-0001	890 890 890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001 17937-0001 17018-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010 22617-0010 SP2700-1027 SP6080-0469 SP2700-1027	SP1003-09 SP1003-09 SP1003-09 SP1003-09 SP1003-011 SP1003-011		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380 6.380 6.666 6.78 LTT I Ford 2500 Ford 2720	23430-1201 21140-2401 21140-200 21140-201 21140-200 21140-2401 23430-1201 29700-1201 23430-1201	080 080 080 080 080 080 080 120 080	Ø 32 Hose  1" BSP  1" BSP  1" BSP  1" BSP  0 32 Hose Ø 45 Hose Ø 32 Hose	Flange Flange Flange Flange Flange Flange Flange Flange Flange			SK229 SK229 SK229 SK229 SK229 SK385-0001 SK386-0001	890 890 890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001 17937-0001 17018-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010 22617-0010 SP2700-1027 SP6080-0469 SP2700-1027	SP1003-09 SP1003-09 SP1003-09 SP1003-09 SP1003-011 SP1003-011 SP1003-011		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380 6.380 6.666 6.78 LTT I Ford 2500 Ford 2720	23430-1201 21140-2401 21140-200 21140-200 21140-200 21140-2401 23430-1201 29700-1201 23430-1201	080 080 080 080 080 080 080 120 080	Ø 32 Hose  1" BSP  1" BSP  1" BSP  1" BSP  0 32 Hose  Ø 45 Hose  Ø 32 Hose  1" BSP	Flange Flange Flange Flange Flange Flange Flange Flange Flange			SK229 SK229 SK229 SK229 SK229 SK385-0001 SK386-0001 SK385-0001	890 890 890 890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001 17937-0001 17018-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010 22617-0010 SP2700-1027 SP6080-0469 SP2700-1027 22617-0010	SP1003-09 SP1003-09 SP1003-09 SP1003-01 SP1003-011 SP1003-011 SP1003-09		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380 6.380 6.666 6.78 LTT I Ford 2500 Ford 2720  CUMMINS - UK NH 250M NT 855M	23430-1201 21140-2401 21140-200 21140-200 21140-200 21140-2401 23430-1201 29700-1201 23430-1201 21140-2401	080 080 080 080 080 080 120 080 080	Ø 32 Hose  1" BSP  1" BSP  1" BSP  1" BSP  1" BSP  0 32 Hose Ø 45 Hose Ø 32 Hose 1" BSP	Flange Flange Flange Flange Flange Flange Flange Flange Flange Flange Flange			SK229 SK229 SK229 SK229 SK229 SK385-0001 SK386-0001 SK385-0001 SK229  SK375-0101	890 890 890 890 890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001 17937-0001 17018-0001 17937-0001 17935-0001	22617-0010 22617-0010 22617-0010 22617-0010 22617-0010 SP2700-1027 SP6080-0469 SP2700-1027 22617-0010	SP1003-09 SP1003-09 SP1003-09 SP1003-09 SP1003-011 SP1003-011 SP1003-011 SP1003-09 SP1005-04		
6.363 TC / TC 1C 6.363 TC / TC 1C 6.380 6.380 6.666 6.78 LTT I Ford 2500 Ford 2720  CUMMINS - UK NH 250M	23430-1201 21140-2401 21140-200 21140-200 21140-200 21140-2401 23430-1201 29700-1201 23430-1201 21140-2401	080 080 080 080 080 080 120 080	Ø 32 Hose  1" BSP  1" BSP  1" BSP  1" BSP  1" BSP  0 32 Hose Ø 45 Hose Ø 32 Hose 1" BSP	Flange Flange Flange Flange Flange Flange Flange Flange Flange			SK229 SK229 SK229 SK229 SK229 SK385-0001 SK386-0001 SK385-0001 SK229	890 890 890 890 890 890 890	17937-0001 17937-0001 17937-0001 17937-0001 17937-0001 17018-0001 17937-0001	22617-0010 22617-0010 22617-0010 22617-0010 22617-0010 SP2700-1027 SP6080-0469 SP2700-1027 22617-0010	SP1003-09 SP1003-09 SP1003-09 SP1003-09 SP1003-011 SP1003-011 SP1003-011 SP1003-09		

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# Cooling Pump Spares by Make of Engine Cu-Fa

Engine Details		J	absco Pu	ımp D	)eta	nils		Serv	ice Kit De	etails	
Engine Model	Pump	Size	Port	Mount		Alternative	Kit	End Cover	Impe <b>ll</b> er	Water	End Cover
Number  CUMMINS - UK (	Number	ED.	Size	Туре	lete	Pump Number	Number	Gasket		Seal	Screws
	7420-0004	200	1¼" NPT	Foot		7420-0101	SK375-0101	816	17935-0001	21849	SP1005-04
VT55M BC				Foot	Х	7420-0101					
VT55M BC	7420-0101	200	11/4" NPT	Foot			SK375-0101	816	17935-0001	21849	SP1005-04
VT555M BC	7420-0101	200	1¼" NPT	Foot			SK375-0101	816	17935-0001	21849	SP1005-04
B-Series	23430-1401	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
						Sherwood Pump			18948-0001		
DAF - NETHERLA	NDS										
DA 475 / D 575 M	6420-2001	080	1" BSP	Foot	х	52080-2001	SK385-0201	890	17937-0001	SP2700-1027	SP1003-09
DA 475 / D 575 M	52080-2001	080	1" BSP	Foot			SK406-0001	890	17937-0001	SP2700-1027	X3001-147F
DS 575 M	9710-200	080	1" BSP	Foot			SK229	890	17937-0001	22617-0010	SP1003-09
DT 575 MY	11410-200	040	3/4" BSP	Foot	х	Bilge	SK328	11415	1210-0001	22617-0010	SP1003-08
	Dual Pump	080	1" BSP	Foot		Cooling	SK328	890	17937-0001	22617-0010	SP1003-11
DT 615 MY											
D 600	11100-0151	270	2" Flanged	Flange	х		SK254	816	21676-0001	21849	SP1005-04
D 620	10630-57	200	1½" Flanged	Flange	х	52220-0011	SK230	816	836-0001	21849	SP1005-04
D 620	52220-0051	200	1½" Flanged	Flange			SK407-0011	816	17935-0001	SP6080-0374	X3001-176F
DP 680 M	9710-200	080	1" BSP	Foot			SK229	890	17937-0001	22617-0010	SP1003-09
DP 680 M	11410-200	040	3/4" BSP	Foot	х	Bilge	SK328	11415	1210-0001	22617-0010	SP1003-08
	Dual Pump	080	1" BSP	Foot		Cooling	SK328	890	17937-0001	22617-0010	SP1003-11
DK 1160 MY	10770-57	200	1½" Flanged	Flange			SK230	816	836-0001	21849	SP1005-04
DKS 1160 M	11100-0101	270	2" Flanged	Flange	х		SK254	816	21676-0001	21849	SP1005-04
DKT 1160	11100-0141	270	2" Flanged	Flange	x		SK254	816	21676-0001	21849	SP1005-04
DKT TTOO	11100-0141	270	2 Hanged	Trange	^		38234	810	21070-0001	21043	31 1003-04
DAYTONA - USA											
DME - 4	30892-0001						90135-0001	18753-0343	30919-0001	18753-0342	
DME - 6	30892-0001						90135-0001	18753-0343	30919-0001	18753-0342	
DME - 7 (To Mid 1995)	17360-1001						90190-0001	17365-1000	17365-0001	96080-0371	91005-0040
DME - 7 (From Mid 1995)	17490-0001							17365-1000	17936-0001	96080-0371	91005-0040
DME - 9 (To Mid 1995)	17360-1001						90190-0001	17365-1000	17365-0001	96080-0371	91005-0040
DME - 9 (From Mid 1995)	17490-0001							17365-1000	17936-0001	96080-0371	91005-0040
DRINKWAARD - N	 NETHERL/	ANE	)S								
DAF D - Series											
A 475 / D 575 / F 615	6420-2001	080	1" BSP	Foot	х	52080-2001	SK385-0201	890	17937-0001	SP2700-1027	SP1003-09
A 475 / D 575 / F 615	52080-2001	080	1" BSP	Foot		52000 2001	SK406-0001	890	17937-0001		
Mercedes	32000 2001	000	1 551	1000			314400 0001	030	17557 0001	312700 1027	7,5001 1471
	6420-2001	080	1" BSP	Foot	.,	52080-2001	CV20E 0201	890	17027 0001	CD2700 1027	SP1003-09
OM 314 / 352 / 352A				Foot	х	32080-2001	SK385-0201		17937-0001		
OM 314 / 352 / 352A	52080-2001	080	1" BSP	Foot			SK406-0001	890	17937-0001		X3001-147F
OM 615 / 621 / 636	3270-2301	040	¾" BSP	Flange	Х		SK33	3298	1210-0001	SP2701-21	SP1002-02
OM 616 / 617	23430-1601	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
Mitsubishi											
KE 75	3270-2301	040	¾" BSP	Flange	х		SK33	3298	1210-0001	SP2701-21	SP1002-02
K 3D / 4C	3270-2301	040	¾" BSP	Flange	х		SK33	3298	1210-0001	SP2701-21	SP1002-02
K 2AS	52010-2001	010	¾" NPTF	Foot			SK404-0101	29308-0000	22405-0001	SP2701-0501	X3001-095F
DUFFIELD - UK											
MC 42	29450-1231	020	Ø 20 Hose	Flange			SK387-0001	2995-0030	673-0001	SP2700-05	SP1002-01
3HD 46	29450-1201	020	Ø 20 Hose	Flange			SK387-0001	2995-0030	673-0001	SP2700-05	SP1002-01
ENTEC WEST -											
	29300-2401	010	¾" BSP	Elange			SK404-0001	20200 0000	22/05 0001	SP2701 1000	V2004 0056
K 34	29500-2401	010	/4 B3P	Flange			38404-0001	29308-0000	22405-0001	SP2701-1006	A3004-0950
FARYMANN DIES	EL - GER	MA	NY								
A 30M / H	11620-211	010	1/4" BSP	Flange	х		SK23	1189	4528-0001	SP2701-11	SP1002-01

# Cooling Pump Spares by Make of Engine Fa-Fo JABSCO

Engine Details		J	absco Pu	ımp [	)eta	ails	Service Kit Details					
Engine Model Number	Pump Number	Size	Port Size	Mount Type	Obso- <b>l</b> ete	Alternative Pump Number	Kit Number	End Cover Gasket	Impeller	Water Seal	End Cover Screws	
FARYMANN DIES		MA			<u> </u>	· · · · · · · · · · · · · · · · · · ·						
A 30						Johnson Pump			22405-0001			
A 40M / H	11620-211	010	1/4" BSP	Flange	х		SK23	1189	4528-0001	SP2701-11	SP1002-01	
AL 35				_		Johnson Pump			22405-0001			
AL 40						Johnson Pump			22405-0001			
CS	6540-201	020	¾" BSP	Foot	х		SK205-01	2995-0030	673-0001	B22	SP8019-01	
CS	2620-211	020	¾" BSP	Foot	х	2620-200	SK20	2995-0030	673-0001	SP2700-05	SP1002-02	
CS	2620-200	020	¾" BSP	Foot			SK20	2995-0030	673-0001	SP2700-05	SP1002-02	
DS / ES / GS	9360	010	1/4" BSP	Foot	х			1126	4528-0001	AL22	SP8019-01	
DS / ES / GS	AL!/4200	010	1/4" BSP	Foot			SK1	1126	4528-0001	AL22	SP1002-01	
FK2	29300-2001	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-0950	
FK3	29470-2031	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006		
K 30 M	9360	010	1/4" BSP	Foot	х			1126	4528-0001	AL22	SP8019-01	
K 30 M	AL!/4200	010	1/4" BSP	Foot			SK1	1126	4528-0001	AL22	SP1002-01	
K 30 M	11260-211	010	1/4" BSP	Flange	х		SK266	1126	4528-0001	SP2701-04	SP1002-01	
K 30	11200 211	010	A 551	riange	, A	Johnson Pump	511200	1120	22405-0001	31270101	31 1002 01	
K 34	29300-2401	010	3/" BSP	Flange		Johnson Famp	SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-0950	
1,34	52010-2001	010	%" NPTF	Foot			SK404-0101	29308-0000	22405-0001	SP2701-0501	X3001-095I	
	52020-2031	020	½" BSP	Foot			SK405-0101	2995-0030	18653-0001	SP2701-0501	X3001-095I	
L 30	32020-2031	020	/2 D3F	FOOL		Johnson Pump	38403-0101	2993-0030	22405-0001	3F2701 <del>-</del> 0301	A3001-0931	
	6540 211	020	¾" BSP	Foot	v	Johnson Fump	CV20E 01	2005 0020	673-0001	p22	CD0010 01	
P 30M / H	6540-211	020	% B3P	Foot	Х		SK205-01	2995-0030		B22	SP8019-01	
Q 30M / H	2620.211	020	3/II DCD	F4		2620,200	CK30	2005 0020	673-0001	CD2700.0F	CD1002 02	
R 30M / H	2620-211	020	¾" BSP	Foot	Х	2620-200	SK20	2995-0030	673-0001	SP2700-05	SP1002-02	
S 30M / H	2620-211	020	3/" BSP	Foot	Х	2620-200	SK20	2995-0030	673-0001	SP2700-05	SP1002-02	
S 30M / H	2620-200	020	¾" BSP	Foot			SK20	2995-0030	673-0001	SP2700-05	SP1002-02	
FLAGSHIP - USA												
GM 454	23800-0201	060	Ø 32 Hose	Crank			SK331-0251	3298	22120-0001	SP2701-21	SP8019-01	
FNM - ITALY												
AM 20 / 45 / ATM 60	22770	020	Ø 25 Hose	Crank	х	29440-1001	SK346	1985-01	673-0001	SP2701-21	SP1004-09	
AM 20 / 45 / ATM 60	29440-1001	020	Ø 25 Hose	Crank			SK402-0001	1985-0000	18653-0001	29441-0000	SP1004-09	
1.3ATI	52040-2001	040	3/4" BSP	Foot			SK384-0101	3298	1210-0001	SP2701-1015	X3001-095I	
FORD - UK												
XLD 416 Escort	22770-1101	020	Ø 25 Hose	Crank	х	29440-1101	SK346	1985-01	673-0001	SP2701-21	SP1004-09	
XLD 416 Escort	29440-1001	020	Ø 25 Hose	Crank			SK402-0001	1985-0000	18653-0001	29441-0000	SP1004-09	
FSD 425	52040-2001	040	¾" BSP	Foot			SK384-0101	3298	1210-0001	SP2701-1015	X3001-095	
FSD 425B	29500-1201	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02	
BSD 333/ 444/ 666	23430-1201	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-011	
2400 YORK	21690	040	Ø 20 Hose	Flange	х		SK239	3298	1210-0001	22617-0010	SP1002-02	
2401E	21690	040	Ø 20 Hose	Flange	х		SK239	3298	1210-0001	22617-0010	SP1002-02	
2700 Turbo	21140-201	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22617-0010	SP1003-09	
2704 ET	21140-201	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22617-0010	SP1003-09	
2704 ET	21140-2401	080	1" BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09	
2701 E	10950-205	040	3/4" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22617-0010	SP1002-02	
2704 E	10950-205	040	3/4" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22617-0010	SP1002-02	
2704 E	10950-2401	040	3/4" BSP	Flange			SK239	3298	1210-0001	22617-0010	SP1002-02	
2704 ET / A	10950-201	040	1/2" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22617-0010	SP1002-02	
2704 ET / A	10950-2401		3/4" BSP	Flange			SK239	3298	1210-0001	22617-0010	SP1002-02	
2711 E	10950-205	040	3/4" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22617-0010	SP1002-02	
2712 E	10950-205	040	3/4" BSP	Flange	X	10950-2401	SK239	3298	1210-0001	22617-0010		
2713 E	10950-203	040	½" BSP	Flange	×	10950-2401	SK239	3298	1210-0001	22617-0010	SP1002-02	
2714 E	10950-201	040	½" BSP	Flange		10950-2401	SK239	3298	1210-0001	22617-0010	SP1002-02	
					х	10330-2401						
2715 E	10950-2401	040	¾" BSP	Flange			SK239	3298	1210-0001	22617-0010	SP1002-02	

# Cooling Pump Spares by Make of Engine **Fo-Ha**

Engine Details		J	absco Pu	ımp [	)eta	ails		Serv	ice Kit De	etails	
Engine Model	Pump	Size	Port	Mount	Obso-	Alternative	Kit	End Cover	Impeller	Water	End Cover
Number	Number		Size	Туре	lete	Pump Number	Number	Gasket		Seal	Screws
FORD - UK CONT											
2722	10950-2601	040	¾" BSP	Flange			SK239	3298	1210-0001	22617-0010	SP1002-02
2723 / 25 / 26T	21140-2601	080	1"BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09
GENESIS 4CYL	29520-2001	040	¾" BSP	Flange			SK239	3298	1210-0001	22617-0010	SP1002-02
GENESIS 6CYL	29620-2001	080	1"BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09
G & M POWER PI	ANT - UI	K									
4 MDP	29450-1201	020	Ø 20 Hose	Flange			SK387-0001	2995-0030	673-0001	SP2700-05	SP1002-01
BLMC 4 / 98	3270-241	040	3/4" BSP	Flange	x		SK271	3298	1210-0001	SP2701-21	SP1002-02
GARDNER - UK											
4 LW (Oil Cooler)	9710-200	080	1"BSP	Foot			SK229	890	17937-0001	22617-0010	SP1003-09
Tropical Service Only											
4 LW	6400-205	200	1¼" BSP	Foot	х	52200-2051	SK230	816	836-0001	21849	SP1005-04
4 LW	52200-2051	200	1½" BSP	Foot			SK407-0011	816	17935-0001	21849	X3001-176F
6 LXB	29600-1001	080	Ø 32 Hose	Flange		New Pipework	SK385-0101	890	17937-0001	SP6080-0469	SP1003-0111
HAMWORTHY											
2SF3, 3-4, 3-6	3370-200	040	¾" BSP	Flange	х	9970-200	SK33	3298	1210-0001	SP2701-21	SP1002-02
2SF3, 3-4, 3-6	9970-200	040	3/4" BSP	Flange			SK229	3298	1210-0001	22617-0010	SP1002-02
2TF5	4800-111	200	1½" Flanged	Flange	х	11790	SK230	816	836-0001	21849	SP1005-04
2TF5 Mk II and III	11790	200	1½" Flanged	Flange			SK230	816	836-0001	21849	SP1005-04
2TM6 Mk II and III	11790-01	200	1½" Flanged	Flange	х		SK230	816	836-0001	21849	SP1005-04
2MF6	10590-61	270	2" Flanged	Flange	х	10590-62	SK254	816	21676-0001	21849	SP1005-04
2MF62	10590-61	270	2" Flanged	Flange	х	10590-62	SK254	816	21676-0001	21849	SP1005-04
2MF64	10590-61	270	2" Flanged	Flange	х	10590-62	SK254	816	21676-0001	21849	SP1005-04
2MF64	10590-62	270	2" Flanged	Flange			SK254	816	21676-0001	21849	SP1005-04
2SF4, 42	9700-01	080	1" Flanged	Flange			SK238	890	17937-0001	SP6080-06	SP1003-01
HARDIN MARINE	- USA										
GM V8	23800-0251	060	Ø 32 Hose	Crank	х	23800-0201	SK331-0251	3298	22120-0001	SP2701-21	SP8019-01
GM V8	23800-0201	060	Ø 32 Hose	Crank			SK331-0251	3298	22120-0001	SP2701-21	SP8019-01
HAWKER SIDDELI	 EY MARIN	VE -	UK								
AB 1W	9040-0511	005	½" Hose	Flange		now -1021	SK92-11	7828-01	14609-0001	SP3000-10	SP1002-09
AC 1W	6640-205	010	¾" BSP	Foot	х	52010-2001	SK23	1189	4528-0001	SP2701-11	SP1002-01
AC 2W	6640-205	010	¾" BSP	Foot	х	52010-2001	SK23	1189	4528-0001	SP2701-11	SP1002-01
AC 2W	52010-2001	010	¾" NPTF	Foot			SK404-0101	29308-0000	22405-0001	SP2701-1006	X3001-095F
PJ W	10420	020	Ø 16 Hose	Flange	х	29490-2001C	SK211	10817	673-0001	SP2701-04	SP1002-09
PJ 3	10420	020	Ø 16 Hose	Flange	х	29490-2001C	SK211	10817	673-0001	SP2701-04	SP1002-09
PJ 4	10420	020	Ø 16 Hose	Flange	х	29490-2001C	SK211	10817	673-0001	SP2701-04	SP1002-09
PJ 4	29490-2001C	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
PM 1W / 2W	5870	005	½" BSP	Flange	х	None		5878	12104-0001	SP2701-09	SP1002-09
PJ 1W / 2W	5870	005	½" BSP	Flange	х	None		5878	12104-0001	SP2701-09	SP1002-09
AV / HP-Series	5870	005	1/2" BSP	Flange	х	None		5878	12104-0001	SP2701-09	SP1002-09
FR 1 / 2 / 3 MGR	3380-200	040	3/4" BSP	Flange	х	9970-200	SK33	3298	1210-0001	SP2701-21	SP1002-02
FR 4 / 6 MGR	3370-200	040	¾" BSP	Flange	х	9970-200	SK33	3298	1210-0001	SP2701-21	SP1002-02
FR 4 / 6 MGR	9970-200	040	¾" BSP	Flange			SK229	3298	1210-0001	22617-0010	SP1002-02
HA / HR / HRW 4 / 6	3370-251	040	¾" BSP	Flange	х	9970-261	SK33	3298	1210-0001	SP2701-21	SP1002-02
(Direct Cooling)	9970-261	040	3/4" BSP	Flange			SK239	3298	1210-0001	22617-0010	SP1002-02
HA / HW-Series	9970-271	040	¾" BSP	Flange	х	9970-200	SK239	3298	1210-0001	22617-0010	SP1002-02
(Manifold)	3380-221	040	½" BSP	Flange	х	9970-200	SK33	3298	1210-0001	SP2701-21	SP1002-02
HA / HR / HR W2	3370-200	040	3/4" BSP	Flange	х	9970-200	SK33	3298	1210-0001	SP2701-21	SP1002-02
(2and 3 Cylinder	9970-200	040	3/4" BSP	Flange			SK229	3298	1210-0001	22617-0010	SP1002-02
Heat Exchanger)											

# Cooling Pump Spares by Make of Engine **Ha-Ke**

-Ke	JABSC0°

Engine Details		J	absco Pu	ımp [	)eta	ails		Serv	ice Kit De	etails	
Engine Model	Pump	Size	Port	Mount			Kit	End Cover	Impeller	Water	End Cover
Number HAWKER SIDDEL	Number	NIE	Size UK CON	Туре	lete	Pump Number	Number	Gasket		Seal	Screws
	10880-07				ED	 	SK230	916	836-0001	21849	SP1005-04
JA4 / JW4 / JA6 / JW6 JP and JK-Series	6420-205	080	1½" Flanged 1" BSP	Flange		52080-2051	SK230	816 890	17937-0001		SP1003-04
JP and JK-Series				Foot	Х	52080-2051				SP2701-21	
SL and SR-Series	52080-2051 AL!/4200	080	1" BSP 1/4" BSP	Foot			SK406-0001 SK1	890 1126	17937-0001 4528-0001	SP2700-1027 AL22	X3001-147 SP1002-01
	AL:/4200	010	74 D3P	root			3/1	1126	4526-0001	ALZZ	3P1002-01
(Manifold) SL4	6640 200	010	1/4" BSP	Foot		52010-2001	CK33	1100	4528-0001	SP2701-11	SP1002-01
(Manifold)	6640-200	010	3/4" NPTF	Foot	х	32010-2001	SK23	1189 29308-0000		SP2701-11	
TS3	52010-2001 6420-2051	080	1" BSP	Foot		52080-2051	SK404-0101 SK385-0201	2432	22405-0001 17937-0001	SP2701-0301	X3001-095 SP1003-09
TS3	52080-2051	080	1" BSP		Х	32080-2031	SK406-0001	890	17937-0001	SP2700-1027	X3001-147
STW2 MGR	11620-211	010	1/4" BSP	Foot	.,		SK23	1189	4528-0001	SP2700-1027	SP1002-01
				Flange	X	51080-2003	SK385-0403	890	17937-0003	SP2700-1027	SP1002-01
STW3 MGR 52STW3 MGR	6520-2003 51080-2003	080	1" BSP 1" BSP	Foot	х	31080-2003	SK406-0003	890	17937-0003	SP2700-1027	
					.,	0070 200			1210-0001		X3001-147
HRW4	9970-271	040	3/" BSP	Flange	х	9970-200	SK239	3298		22617-0010	SP1002-02
HRW4		040	¾" BSP	Flange			SK229	3298	1210-0001	22617-0010	SP1002-02
HSM D3, 152M	29500-1101	040	Ø 28 Hose	Flange	х		SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
Piranha 4 Cyl	6490-132	040	½" BSP	Foot	Х		SK225-01	6496	1210-0001	SP2701-21	SP1003-09
ALPHA Series	20400 2454		3/11 D.C.D.	EI.			51/405 0004	20475 0000	40553.0004	500704 4005	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
LPW2	29480-2151	020	3/4" BSP	Flange	Х		SK405-0001	29476-0000	18653-0001	SP2701-1006	
LPW3	29480-2131	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095
LPW4	29500-1451	040	Ø 28 Hose	Flange	Х		SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
CRK3	23430-1201	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-011
FORD DOVER											
CS4	21140-2601	080	1" BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09
CS6	21140-2601	080	1" BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09
CST6	21140-2601	080	1" BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09
CST16	21140-2601	080	1" BSP	Flange			SK229	890	17937-0001	22617-0010	SP1003-09
HFL - UK		_			_						
1500 VW	22620	020	Ø 25 Hose	Crank	х	29440-1101	SK346	1985-01	673-0001	SP6080-08B	SP1004-09
1501 VW	29440-1101	020	Ø 25 Hose	Crank			SK402-0001	1985-0000	18653-0001	29441-0000	SP1004-09
PETTER	52010-2001	010	¾" NPTF	Foot			SK404-0101	29308-0000	22405-0001	SP2701-0501	X3001-095
INDMAR - USA											
Ford / GM 8Cyl	23800-0251	060	Ø 32 Hose	Crank	l x	23800-0201	SK331-0251	3298	22120-0001	SP2701-21	SP8019-01
, , .	23800-0201			Crank			SK331-0251	3298	22120-0001		SP8019-01
ISOTTA FRASCHII											
D 30.55-6L	10950-201	040	½" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22617-0010	SP1002-02
D 30.55-6L	10950-2401	040	3/4" BSP	Flange			SK239	3298	1210-0001	22617-0010	SP1002-02
ID 32	10630-07	200	1½" Flanged	Foot	х	52220-0011	SK230	816	836-0001	21849	SP1005-04
ID 32	52220-0011	200	1½" Flanged	Foot			SK407-0011	816	17935-0001		X3001-176
ID 36 / 38	11150-0011	200	2" Flanged	Foot			SK254	816	21676-0001	21849	SP1005-04
H 130	11150-0011	200	2" Flanged	Foot			SK254	816	21676-0001	21849	SP1005-04
L 1306 T2	10590-0201	270	2" Flanged	Flange			SK254	816	21676-0001	21849	SP1005-04
V 1308 T2	10490-07	270	2" Flanged	Foot	х	50270-0911	SK254	816	21676-0001	21849	SP1005-04
V 1308 T2	50270-0911	270	2" Flanged	Foot			SK408-0011	816	17936-0001	21849	SP1095-064
KELVIN - UK											
DB Series	6400 307	200	11/# DCD	East		E2200 2001	CV220	016	926 0004	CD6000 0274	CD100F 04
	6400-207	200	11/# BSP	Foot	X	52200-2001	SK230	816	836-0001	SP6080-0374	SP1005-04
	52200-2001	200	1½" BSP	Foot	х	52200-2011	SK407-0011	816	17935-0001	SP6080-0374	X3001-176
	52200-2011	200	1½" BSP	Foot			SK407-0011	816	17935-0001	SP6080-0374	X3001-176
	4800-51	200	1½" Flanged	Flange	X	F4200 2002	SK230	816	836-0001	21849	SP1005-04
	6590-237	200	1¼" BSP	Foot	X	51200-2003	SK230-37	816	836-0003	SP6080-0374	SP1005-04

# Cooling Pump Spares by Make of Engine **Ke-La**

Engine Details		Jä	absco Pu	ımp [	)eta	nils		Serv	ice Kit De	etails	
Engine Model	Pump	Size	Port	Mount	Obso-	Alternative	Kit	End Cover	Impeller	Water	End Cover
Number	Number		Size	Туре	lete	Pump Number	Number	Gasket		Seal	Screws
KELVIN - UK CON							I				
	51200-2003	200	1½" BSP	Foot		Bilge Option	SK407-0003	816	836-0003	SP6080-0374	X3001-176
	6520-2003	080	1" BSP	Foot	Х	51080-2003	SK385-0403	890	17937-0003	SP2700-1027	SP1003-09
	51080-2003	080	1" BSP	Foot			SK406-0003	890	17937-0003	SP2700-1027	X3001-147
KUBOTA											
BZ482	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
BD722	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
BD1005	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
BV1305	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
BV1505	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
BV1903	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
BV2203	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
BF2803	29460-1401	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
KTT 2000	3270-2401	040	3/4" BSP	Flange	Х		SK271	3298	1210-0001	SP2701-21	SP1002-02
KTT 3000	3270-2401	040	¾" BSP	Flange	х		SK271	3298	1210-0001	SP2701-21	SP1002-02
LANCING MARIN	E - UK										
BMC 1.5+1.8	22960-2001	010	Ø 19 Hose	Foot	х		SK355	21646	4528-0001	SP2701-14	SP1002-09
BMC 2.2+2.5	3270-241	040	¾" BSP	Flange	х		SK271	3298	1210-0001	SP2701-21	SP1002-02
BMC 3.4+3.8 (4/98) 5.1	3270-200	040	¾" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
BMC 3.4+3.8 (4/98) 5.1	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
BMC 5.7 + 6/98	22770	020	Ø 25 Hose	Crank	х	29440-1001	SK346	1985-01	673-0001	SP2701-21	SP1004-09
BMC 5.7 + 6/98	29440-1001	020	Ø 25 Hose	Crank			SK402-0001	1985-0000	18653-0001	29441-0000	SP1004-09
Chev V8	22740-0151	060	Ø 32 Hose	Crank			SK331-05	3298	22120-0001	SP2701-21	SP8019-01
Ford											
2700 / 2710 / 2720	10950-201	040	½" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22626-6000	SP1002-02
2700 / 2710 / 2720	10950-2401	040	3/4" BSP	Flange			SK239	3298	1210-0001	22626-6000	SP1002-02
Turbo 4 PC / 6 / Int.	21140-201	080	1"BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
Turbo 4 PC / 6 / Int.	21140-2401	080	1"BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
1.1 / 1.6 / 2.0 / OHC / V4	22960-2001	010	Ø 19 Hose	Foot	х		SK355	21646	4528-0001	SP2701-14	SP1002-09
V6 2.3 / 2.8 / 2.5 / 3.0	22770	020	Ø 25 Hose	Crank	х	29440-1001	SK346	1985-01	673-0001	SP2701-21	SP1004-09
V6 2.3 / 2.8 / 2.5 / 3.0	29440-1001	020	Ø 25 Hose	Crank			SK402-0001	1985-0000	18653-0001	29441-0000	SP1004-09
590E / 592E	21820-2001	040	¾" BSP	Foot	х	52040-2001	SK33	3298	1210-0001	SP2701-21	SP1002-02
(4 Cylinder)	52040-2001	040	¾" BSP	Foot			SK384-0101	3298	1210-0001	SP2700-1027	X3001-095
GM / Bedford											
220 + 330	22770	020	Ø 25 Hose	Crank	х	29440-1001	SK346	1985-01	673-0001	SP2701-21	SP1004-09
220 + 330	29440-1001	020	Ø 25 Hose	Crank			SK402-0001	1985-0000	18653-0001	29441-0000	SP1004-09
381 + 466 + 500	22740-0151	060	Ø 32 Hose	Crank			SK331-05	3298	22120-0001	SP2701-21	SP8019-01
Gardner											
6LX + 6LXB + 8LXB	6420-2001	080	1" BSP	Foot	х	52080-2001	SK385-0201	890	17937-0001	SP2700-1027	SP1003-09
6LX + 6LXB + 8LXB	52080-2001	080	1" BSP	Foot			SK406-0001	890	17937-0001	SP2700-1027	X3001-147
Jaguar											
2.4 + 4.2	3270-200	040	3/4" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
2.4 + 4.2	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
Leyland											
400 + 401 + 402	23080-1151	060	Ø 32 Hose	Flange	х		SK363-0051	3298	22120-0001	22626-6000	SP1002-01
Mercedes											
180 + 190 + 200 + 220	22960-2001	010	Ø 19 Hose	Foot	х		SK355	21646	4528-0001	SP2701-14	SP1002-09
OM314 + 321 + 352	22770	020	Ø 25 Hose	Crank	х	29440-1001	SK346	1985-01	673-0001	SP2701-21	SP1004-09
OM314 + 321 + 352	29440-1001	020	Ø 25 Hose	Crank			SK402-0001	1985-0000	18653-0001	SP6080-0408	SP1004-09
Perkins											
3.152	22960-2001	010	Ø 19 Hose	Foot	х		SK355	21646	4528-0001	SP2701-14	SP1002-09
4.203	3270-200	040	¾" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02a
4.203	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02

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ooling Pump Spares by Make of Engine La-Le JABSCO
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Engine Details		J	absco Pu	ımp [	)eta	ails		Serv	ice Kit De	etails	
Engine Model Number	Pump Number	Size	Port Size	Mount Type	Obso- lete	· Alternative Pump Number	Kit Number	End Cover Gasket	Impeller	Water Seal	End Cover Screws
LANCING MARIN		ONT				1	1				
4.236	10970	040	¾" BSP	Flange			SK268-01	3298	1210-0001	22626-6000	SP1002-02
4.248	22770	020	Ø 25 Hose	Crank	х	29440-1001	SK346	1985-01	673-0001	SP2701-21	SP1004-09
4.248	29440-1001	020	Ø 25 Hose	Crank			SK402-0001	1985-0000	18653-0001	29441-0000	SP1004-09
6.354	21820-2001	040	3/4" BSP	Foot	х	52040-2001	SK33	3298	1210-0001	SP2701-21	SP1002-02
6.354	52040-2001	040	¾" BSP	Foot			SK384-0101	3298	1210-0001	SP2701-1015	X3001-095F
T6 354	6420-2001	080	1" BSP	Foot	х	52080-2001	SK385-0201	890	17937-0001	SP2700-1027	SP1003-09
T6 354	52080-2001	080	1" BSP	Foot			SK406-0001	890	17937-0001	SP2700-1027	X3001-147F
510 V8	11120-200	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
4.99 + 4.107 + 4.108	22960-2001	010	Ø 19 Hose	Foot	х		SK355	21646	4528-0001	SP2701-14	SP1002-09
Peugeot			2 13 11030	1001			511055	2.0.0	1020 0001	5.2751.11	0. 1002 00
XD2 1.9&2.5	22770	020	Ø 25 Hose	Crank	х	29440-1001	SK346	1985-01	673-0001	SP2701-21	SP1004-09
XD2 1.9&2.5	29440-1001	020	Ø 25 Hose	Crank		25440 1001	SK402-0001	1985-0000	18653-0001	29441-0000	SP1004-09
Volvo	23440-1001	020	D 25 11036	Clark			31402-0001	1505-0000	10033-0001	23441-0000	31 1004-03
TD70 + TD70E	11120-200	080	1" BSP	Elango			SK229	890	17937-0001	22626-6000	SP1003-09
	11120-200	080	1 537	Flange			38229	890	17937-0001	22020-0000	3P1003-09
VW Golf	22050 2004	040	~ 40.11	F .			CKOEE	24545	4520.0004	500704.44	504000 00
1500 + 1600	22960-2001	010	Ø 19 Hose	Foot	Х		SK355	21646	4528-0001	SP2701-14	SP1002-09
Ford Genesis											
4 Cyl	29520-2001	040	¾" BSP	Flange			SK239	3298	1210-0001	22626-6000	SP1002-02
6 Cyl	29620-2001	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
LEHMAN POWER	LTD - UK	(	<u> </u>				<u> </u>	<u> </u>			
4D220	6420-0101	080	1" NPT	Foot	х	52220-0011	SK236	890	17937-0001	SP2701-21	SP1003-09
4D220	52220-0011	200	1½" Flanged	Foot			SK407-0011	816	17935-0001	SP6080-0374	X3001-176F
6D380	5850-0001	040	3/4" NPT	Flange			SK33	3298	1210-0001	SP2701-21	SP1002-02
Mercraft 24 / 57	21690-200	040	3/4" BSP	Flange	х		SK239	3298	1210-0001	22626-6000	SP1002-02
Mercraft 24 / 87	21690-200	040	3/4" BSP	Flange	х		SK239	3298	1210-0001	22626-6000	SP1002-02
Mercraft 80	10950-204	040	3/4" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22626-6000	SP1002-02
Mercraft 120	10950-204	040	3/4" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22626-6000	SP1002-02
Mercraft 120	10950-2401	040	3/4" BSP	Flange			SK239	3298	1210-0001	22626-6000	SP1002-02
Mercraft 150 Turbo	3370-200	040	3/4" BSP	Flange	х	9970-200	SK33	3298	1210-0001	SP2701-21	SP1002-02
Mercraft 150 Turbo	9970-200	040	3/4" BSP	Flange			SK229	3298	1210-0001	22626-6000	SP1002-02
Mercraft 180 Turbo	21140-200	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
Mercraft 180 Turbo	21140-2401	080	1" BSP	Flange		211102101	SK229	890	17937-0001	22626-6000	SP1003-09
Mercraft 210 Turbo	21580-200	080	1" BSP	Flange	x		SK229	890	17937-0001	22626-6000	SP1003-09
Mercraft 250 Turbo	21580-200	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
Mercraft 150 Turbo Inc.	10950-204	040	3/4" BSP		X	10950-2401	SK239	3298	1210-0001	22626-6000	SP1003-09
Mercraft 150 Turbo Inc.				Flange	Х	10930-2401					
Mercraft 180 Turbo Inc.	21140-2401	080	1" BSP	Flange		24140 2401	SK229	890	17937-0001	22626-6000	SP1003-09 SP1003-09
	21140-204	080	1" BSP	Flange	Х	21140-2401	SK229	890	17937-0001	22626-6000	
Mercraft 180 Turbo Inc.	21140-2401	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
Ford Dover	10950-2601	040	¾" BSP	Flange			SK239	3298	1210-0001	22626-6000	SP1002-02
Ford Dover	21140-2601	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
Super 355	29700-1201	120	Ø 45 Hose	Flange			SK386-0001	890	17018-0001	SP6080-0469	SP1003-011
LEYLAND THORN	YCROFT -	- Uk	(								
RF LD-220	4900-201	040	½" BSP	Foot	х		SK234	4908	4568-0001	3791	SP1003-09
RF 6-330	JD#/4-201	040	3/4" BSP	Foot	х	JD#/4-200	SK220	706-01	4598-0001	3791	SP1003-02
RF 6-330	JD#/4-200	040	¾" BSP	Foot			SK220	706-01	4598-0001	C20	SP1003-02
90 / 90E / 90 / 2 / 108 / 2	4900-200	040	½" BSP	Foot			SK234	4908	4568-0001	3791	SP1003-09
90 / 90E / 90 / 2 / 108 / 2	52040-2401	040	¾" BSP	Foot			SK384-0101	3298	1210-0001	SP2701-1015	X3001-095I
138 / 152 / 154 / 160	3270-271	040	3/4" BSP	Flange	х		SK271	3298	1210-0001	SP2701-21	SP1002-02
230	9700-151	080	1" Flanged	Flange			SK238-01	3101	17937-0001	SP6080-06	SP1003-01
238 / T 238	23430-1301	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
				_	,,	10050 2401					
240 / 250 / 251	10950-204	040	3/1 BSP	Flange	Х	10950-2401	SK239	3298	1210-0001	22626-6000	SP1002-02
240 / 250 / 251	10950-2401	040	¾" BSP	Flange			SK239	3298	1210-0001	22626-6000	SP1002-02

# Cooling Pump Spares by Make of Engine **Le-Me**

Engine Details		Ja	absco Pu	ımp [	)eta	nils		Serv	ice Kit De	etails	
Engine Model	Pump	Size	Port	Mount	Obso-	Alternative	Kit	End Cover	Impeller	Water	End Cover
Number	Number		Size	Туре	lete	Pump Number	Number	Gasket		Seal	Screws
LEYLAND THORN				NUED							
331	10950-200	040	3/4" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22626-6000	SP1002-02
331	10950-2401	040	3/4" BSP	Flange			SK239	3298	1210-0001	22626-6000	SP1002-02
345	9700-171	080	1" Flanged	Flange	х		SK238	890	17937-0001	SP6080-06	SP1003-01
358 / T358 / TA358	23430-1301	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
360	10950-200	040	3/4" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22626-6000	SP1002-02
360	10950-2401	040	3/4" BSP	Flange			SK239	3298	1210-0001	22626-6000	SP1002-02
360.1 / T360.1 / 380 / 1	21140-204	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
360.1 / T360.1 / 380 / 1	10950-2401	040	3/4" BSP	Flange			SK239	3298	1210-0001	22626-6000	SP1002-02
400 / T400 / 500	9700-01	080	1" Flanged	Flange			SK238	890	17937-0001	SP6080-06	SP1003-01
T500	4800-51	200	1!/2Flanged	Flange	х		SK230	816	836-0001	21849	SP1005-04
590 / 690 / 691 / 760	6400-205	200	1!/4BSP	Foot	х	52200-2051	SK230	816	836-0001	SP6080-0374	SP1005-04
590 / 690 / 691 / 760	52200-2051	200	1!/2BSP	Foot			SK407-0011	816	17935-0001	SP6080-0374	X3001-176F
760 / AVT 1100	6400-207	200	1!/4BSP	Foot	х	52200-2001	SK230	816	836-0001	SP6080-0374	SP1005-04
760 / AVT 1100	52200-2001	200	1!/2BSP	Foot	х	52200-2011	SK407-0011	816	17935-0001	SP6080-0374	X3001-176F
760 / AVT 1100	52200-2011	200	1!/2BSP	Foot			SK407-0011	816	17935-0001	SP6080-0374	X3001-176F
LISTER, R.A SE	E HAWKE	R S	  IDDELEY	 ′ MAF	RINE						
LOMBARDINI - IT	ALY										
672 / 673 / 674	11620-200	010	1/4" BSP	Flange	х	22830-2101	SK23	1189	4528-0001	SP2701-11	SP1002-01
832 / 833 / 834	11620-200	010	1/4" BSP	Flange	х	22830-2101	SK23	1189	4528-0001	SP2701-11	SP1002-01
832 / 833 / 834	22830-2101	010	¾" BSP	Flange			SK23	1189	4528-0001	SP2701-14	SP1002-01
LDW 602M / LDW 903M	29470-2231	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
LDW 1204M	29470-2531	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
LDW 1503	29470-2431	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
LDW 2004M / T	29470-2431	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
MAN - GERMAN	<u> </u> (										
D0224ME	23020-1101	060	Ø 32 Hose	Crank			SK331-05	3298	22120-0001	SP6080-08B	SP8019-01
D0226ME	23020-1101	060	Ø 32 Hose	Crank			SK331-05	3298	22120-0001	SP6080-08B	SP8019-01
D0226MLE	23060-1101	060	Ø 32 Hose	Crank	х	Dual Pump	SK360	3298	22120-0001	SP6080-08B	SP1002-03
D0226MTE	23060-1101	060	Ø 32 Hose	Crank	х	Dual Pump	SK360	3298	22120-0001	SP6080-08B	SP1002-03
D0826GLE40/ML	29600-1201	080	Ø 32 Hose	Flange			SK385-0101	890	17937-0001	SP6080-0469	
D2530M /MT	22040-0501	270	2" Flanged	Flange			SK318	816	21676-0001	21849	SP1005-04
D2540L /ML /MT	22040-0501	270	2" Flanged	Flange			SK318	816	21676-0001	21849	SP1005-04
D2542L /ME/ MLE/ MTE	23010-0531		1" BSP	Flange	х	Bilge	SK357-0001	11746	17937-0001	21849	SP1005-03
	Dual Pump	270	2" Flange	Flange	, A	Cooling	SK357-0001	816	21676-0001	21849	SP1005-03
W4V 14/18	5400-205	200	1¼" BSP	Foot	х	52200-2051	31.037 0001	0.0	21070 0001	21015	3, 1003 03
W6V 14/18	5400-205	200	1¼" BSP	Foot	x	52200-2051					
W3V 17,5/22A	5400-205	200	1½" BSP	Foot	x	52200-2051					
W3V 17,5/22A W3V 17,5/22A	52200-2051	200	1½" BSP	Foot		32200 2031	SK407-0011	816	17935-0001	SP6080-0374	X3001-176F
W4V 17,5/22A W4V 17,5/22A	7870-251	200	1½ BSP	Foot	x		SK230	816	836-0001	21849	SP1005-04
W5V 17,5/22A	7870-251	200	1½" BSP	Foot	X		SK230	816	836-0001	21849	SP1005-04
W6V 17,5/22A	7870-251	200	11/4" BSP	Foot	X		SK230	816	836-0001	21849	SP1005-04
W8V 17.5/22A	7870-251	200	1¼" BSP	Foot	x		SK230	816	836-0001	21849	SP1005-04
MARINE POWER	- USA										
GM454 / Ford351	23800-0201	060	Ø 32 Hose	Crank			SK331-0251	3298	22120-0001	SP2701-21	SP8019-01
GM 4 Cylinder	52040-2001	040	¾" BSP	Foot			SK384-0101	3298	1210-0001	SP2700-1027	X3001-095F
MERCRUISER (MI	DE) - USA	\ \									
D183	29700-1331		Ø 45 Hose	Flange			SK386-0001	890	17018-0001	SP6080-0469	SP1003-0111
D219	23430-1031	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	
D254	29700-1331	120		Flange			SK386-0001	890	17018-0001		
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# Cooling Pump Spares by Make of Engine Me-Mvv JABSCO

Engine Details		J	absco Pu	ımp [	)eta	iils		Serv	ice Kit De	etails	
Engine Model	Pump	Size	Port	Mount	Obso-	Alternative	Kit	End Cover	Impeller	Water	End Cover
Number	Number		Size	Туре	lete	Pump Number	Number	Gasket		Seal	Screws
MERMAID MARIN		اممم	111 DCD	Flance		21140 2401	CK330	900	17027 0001	22626 6000	CD1002.00
105 / 130 397 / 595 / ET / .INT	21140-204	080	1" BSP 1" BSP	Flange	X	21140-2401 21140-2401	SK229 SK229	890 890	17937-0001 17937-0001	22626-6000	SP1003-09 SP1003-09
	21140-2401	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
397 / 595 / ET / .INT 595TP	21580-200	080	1" BSP	Flange	.,		SK229	890	17937-0001	22626-6000	SP1003-09
Ford 2704 ET	21580-200	080	1" BSP	_	X		SK229	890	17937-0001	22626-6000	SP1003-09
Flat Four / Six	21360-200	080	1" BSP	Flange	X	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
Turbo Four	21140-204	080	1" BSP	Flange	X	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
Turbo Four	21140-204	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
Turbo Plus	21140-2401	080	1" BSP	Flange	x		SK229	890	17937-0001	22626-6000	SP1003-09
Mariner 2715E	21140-2641	080	1" BSP	Flange Flange			SK229	890	17937-0001	22626-6000	SP1003-09
	21140-2441	080	1" BSP		X			890	17937-0001	22626-6000	SP1003-09
Mariner 2720E				Flange	Х		SK229	890			
Magnum	29700-1201	120	Ø 45 Hose	Flange			SK386-0001		17018-0001	SP6080-0469	SP1003-0111
Majestic	21140-2641	080	1" BSP	Flange	х		SK229	890	17937-0001	22626-6000	SP1003-09
Manta	23430-1201	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
Meermin	52040-2001	040	3/4" BSP	Foot			SK384-0101	3298	1210-0001	SP2700-1027	X3001-095F
Melody Melody 2	21140-2641	080	1" BSP	Flange	Х		SK229	890	17937-0001	22626-6000	SP1003-09
Melody 2	29600-1401		3/8 050	F .			51/204 0404	2200	4240.0004	500700 4007	W2004 00FF
Merlin FSD	52040-2001	040	3/4" BSP	Foot			SK384-0101	3298	1210-0001	SP2700-1027	X3001-095F
Merlin FSD	29500-1201	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
Merlin Turbo	22750-1101	060	Ø 32 Hose	Crank			SK331-05	3298	22120-0001	SP2701-21	SP8019-01
Meteor XLD	22770-1101	020	Ø 25 Hose	Crank	Х	29440-1101	SK346	1985-01	673-0001	SP2701-21	SP1004-09
Meteorite	22770-1101	020	Ø 25 Hose	Crank	Х	29440-1101	SK346	1985-01	673-0001	SP2701-21	SP1004-09
Meteorite	29440-1101	020	Ø 25 Hose	Crank			SK402-0001	1985-0000	18653-0001	29441-0000	SP1004-09
Minuet	52040-2001	040	¾" BSP	Foot			SK384-0101	3298	1210-0001	SP2700-1027	X3001-095F
Mistral	21140-2641	080	1" BSP	Flange	Х		SK229	890	17937-0001	22626-6000	SP1003-09
Monarch	21140-2641	080	1" BSP	Flange	X		SK229	890	17937-0001	22626-6000	SP1003-09
MITSUBISHI											
K 2AS	52010-2001	010	¾" NPTF	Foot			SK404-0101	29308-0000	22405-0001	SP2701-1006	X3001-095F
K 2C	29470-2351	020	¾" BSP	Flange	х	29470-2351C	SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
K 3M	29470-2331	020	¾" BSP	Flange	х	29470-2331C	SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
K 3E / 4E	29470-2351	020	¾" BSP	Flange	х	29470-2351C	SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
S 4E2	23430-1041	080	Ø 32 Hose	Flange	х		SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
S 6E2	23430-1041	080	Ø 32 Hose	Flange	х		SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
S 6E2	23430-1001	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
4 DQ50	23430-1051	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
4 DQ50	23430-1041	080	Ø 32 Hose	Flange	х		SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
K & L series, 2,3,4 cylinder	29400-1101										-000
MWM - GERMAN	Υ								'		
KD 1105 Z	9970-241-37	040	3/4" BSP	Flange			SK239-37	3298	1210-0003	22626-6000	SP1002-02
KD 1105 D	9970-241-37	040	¾" BSP	Flange			SK239-37	3298	1210-0003	22626-6000	SP1002-02
KD 1105 V	9970-241-37	040	3/4" BSP	Flange			SK239-37	3298	1210-0003	22626-6000	SP1002-02
KD 1105 S	9970-241-37	040	3/4" BSP	Flange			SK239-37	3298	1210-0003	22626-6000	SP1002-02
D 208	9970-241-37	040	¾" BSP	Flange			SK239-37	3298	1210-0003	22626-6000	SP1002-02
TKD 1105 V&S	9970-251	040	3/4" BSP	Flange	х	9970-241	SK239	3298	1210-0001	22626-6000	SP1002-02
KD 1105	9970-251	040	3/4" BSP	Flange	х	9970-241	SK239	3298	1210-0001	22626-6000	SP1002-02
TD 208-4 & 6	9970-251	040	3/4" BSP	Flange	х	9970-241	SK239	3298	1210-0001	22626-6000	SP1002-02
D 2086	9970-251	040	3/4" BSP	Flange	х	9970-241	SK239	3298	1210-0001	22626-6000	SP1002-02
D 2086	9970-241	040	3/4" BSP	Flange		Direct Cooling	SK241	3298	1210-0001	22626-6000	SP1002-02
D 225 4 & 6	9970-241-37	040	¾" BSP	Flange			SK239-37	3298	1210-0003	22626-6000	SP1002-02
D226-2 -3-4 & 6	9970-241	040	3/4" BSP	Flange		Direct Cooling	SK241	3298	1210-0001	22626-6000	SP1002-02
TD 226-6	9970-241	040	3/4" BSP	Flange		Direct Cooling	SK241	3298	1210-0001	22626-6000	SP1002-02
TD 228-6	9970-241	040	3/4" BSP	Flange		Direct Cooling	SK241	3298	1210-0001	22626-6000	SP1002-02
TD 226-6	22220-241	060	1"BSP	Flange			SK334	3298	22120-0001	22626-6000	SP1002-01
		000	. 551	Lange			5.354	5250			5 502 51

# Cooling Pump Spares by Make of Engine Mv-No

ngine Details		Jä	absco Pu	mp [	)eta	ails		Serv	ice Kit De	etails	
igine Model	Pump	Size	Port	Mount			Kit	End Cover	Impeller	Water	End Cover
umber	Number		Size	Туре	lete	Pump Number	Number	Gasket		Seal	Screws
IWM - GERMAN									l	l	
228-6		060	1"BSP	Flange			SK334	3298	22120-0001	22626-6000	SP1002-01
202-283	22830-2051	010	%" BSP	Flange	х		SK23	1189	4528-0001	SP2701-14	SP1002-01
34B	29880-0001	370	2¾" Flanged	Flange		Respecified	SK410	X4020-424A	17240-0001	21849	X3001-180I
389 / 90/ 91/ 92/ 93	22820-2051	040	%" BSP	Flange	x		SK23	1189	4528-0001	SP2701-14	SP1002-01
ANNI DIESEL - F	RANCE/H	IOL	LAND					I.			
2 / 2.40 HE	29300-2001	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-0950
3 / 2.60 HE / 3.90 HE	29470-2031	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095
L.A	29300-2301	010	¾" BSP	Flange	х		SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095
0	52010-2001	010	¾" NPTF	Foot			SK404-0101	29308-0000	22405-0001	SP2701-1006	X3001-095
30 / R 30 / S 30	29470-2031	020	%" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095
30 / R 30 / S 30	52020-2031	020	½" BSP	Foot			SK405-0101	2995-0030	18653-0001	SP2701-1006	X3001-095
210 D	11740-205	080	1" BSP	Foot	х	Bilge	SK300	11746	17937-0001	21849	SP1005-03
320 D	Dual Pump	200	1½" Flanged	Foot		Cooling	SK300	816	836-0001	21849	SP1005-03
40HE		010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095
50HE		020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
60		010	%" BSP	Flange	x	29300-2201C	SK266	1126	4528-0001	SP2701-04	SP1002-01
60HE			%" BSP	Flange	^	ESSOS ELOTO	SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095
75HE		020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
90		010	%" BSP		.,	29300-2201C		1126	4528-0001	SP2701-1000	SP1002-01
				Flange	Х	29300 <b>-</b> 2201C	SK266				
		010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095
90		020	¾" BSP	Flange	Х	Bilge	SK304	21117	4528-0001	SP2701-04	SP1002-03
		020	¾" BSP	Flange		Cooling	SK304	21117	4528-0001	SP2701-04	SP1002-17
90HE	29470-2031								18653-0001		
110 HE	3270-261	040	¾" BSP	Flange	х		SK33	3298	1210-0001	SP2701-21	SP1002-02
110HLE	3270-261	040	¾" BSP	Flange			SK33	3298	1210-0001	SP2701-21	SP1002-02
18	3270-261	040	¾" BSP	Flange					1210-0001		
180	3270-261	040	¾" BSP	Flange	х		SK33	3298	1210-0001	SP2701-21	SP1002-02
190 HE	29500	040	Ø 28 Hose	Flange	х		SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
220 HE	23430-1001	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-011
440	29600-1201	080	Ø 32 Hose	Flange			SK385-0101	890	17937-0001	SP6080-0469	SP1003-011
280 HE	23430-1001	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-011
280	23430-1001	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-011
570 / T	6420-2041	080	1" BSP	Foot	х	52080-2041	SK385-0201	3101	17937-0001	SP2700-1027	SP1003-09
570 / T		080	1" BSP	Foot			SK406-0001	890		SP2700-1027	X3001-147
660E / 6.660 LE		080	Ø 32 Hose	Flange			SK385-0101	890		SP6080-0469	
B 180 / 300		040	3/4" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
B 180 / 300		040	Ø 28 Hose	Flange	^	25500-1001	SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
B 220		040	3/4" BSP	Flange	Х	Danie C. I	SK33	3298	1210-0001	SP2701-21	SP1002-02
M 366		120	Ø 45 Hose	Flange		Respecefied	SK310	890	17018-0001	22617-0000	SP1003-09
300			1½" Flanged	Foot			SK407-0011	816	17935-0001	SP6080-0374	X3001-176
500		200	1½" Flanged	Foot			SK407-0011	816	17935-0001	SP6080-0374	X3001-176
00	52270-2041	270	2" BSP	Foot			SK408-0011	816	21676-0001	SP6080-0374	X3001-176
00 T	52270-2011	270	2" BSP	Foot			SK408-0011	816	17936-0001	SP6080-0374	X3001-176
ORPRO - USA											
20A	2620-1001		¾" NPTF	Foot			90020-0001	18753-0125	18673-0001	92700-0050	18753-012
'31	2620-1001		%" NPTF	Foot			90020-0001	18753-0125	18673-0001	92700-0050	18753-012
00	2620-1001		¾" NPTF	Foot			90020-0001	18753-0125	18673-0001	92700-0050	18753-012
00	2620-1001		3/8" NPTF	Foot			90020-0001	18753-0125	18673-0001	92700-0050	18753-012
000				Foot			90020-0001			92700-0050	18753-012
										92700-0050	18753-012
											18753-012
											91003-001
00	2620-1001		¾" NPTF	Foot Foot			90020-0001 90020-0001	18753-0125	18673-0001	92700-00 92700-00 92700-00	050 050 050 050 050

# Cooling Pump Spares by Make of Engine No-Po JABSCO

Engine Details		Ja	absco Pu	ımp [	eta	ails		Serv	ice Kit De	etails	
Engine Model Number	Pump Number	Size	Port Size	Mount Type	Obso- lete	Alternative Pump Number	Kit Number	End Cover Gasket	Impeller	Water Seal	End Cov Screws
NORTH EAST FOR	D - USA										
Ford											
2723	21140-2601	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-
ONAN - USA											
Ensign	52010-0051	010	¾" NPT	Foot	х		SK404-0101	29308-0000	22405-0001	SP2701-1006	X3001-0
9 kW	52010-0051	010	¾" NPT	Foot	x		SK404-0101	29308-0000	22405-0001	SP2701-1006	X3001-0
PERKINS - UK							ļ				
P3 144M / 152M	4850	080	Ø 32 Hose	Flange	x	9750		3101	920-08	SP2700-06	SP1003
P3 144M / 152M	9750	080	Ø 32 Hose	Flange	х		SK269	3101-01	17937-0001	22626-6000	SP1003
P3 144M / 152M	4860	080	Ø 32 Hose	Flange	х	9760		3101	920-08	SP2700-06	SP1003
P3 144M / 152M	9760	080	Ø 32 Hose	Flange	х		SK269	890-01	17937-0001	22626-6000	SP1003
P3M / P4M / P6M	4330-01	080	32 Hs./Fl.	Flange	х						
4.99M	3270-200	040	3/4" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002
4.99M	29500-1001	040	Ø 28 Hose	Flange		752.001	SK384-0001	3298	1210-0001	SP2700-1027	SP1002
4.99M(Exhaust Cooling)	9430	010	½" BSP	Flange	х	Exhaust Cooling	SK221	1126	4528-0001	SP2701-09	SP1002
L4M	4160	080	Ø 32 Hose	Flange	×		JAZZ I	1.20	.520 3001	5. 27 07	2002
S6M / 31.52 / 3.1524	6420-2001	080	1" BSP	Foot	X	52080-2001	SK385-0201	890	17937-0001	SP2700-1027	SP1003
S6M / 31.52 / 3.1524	52080-2001	080	1" BSP	Foot	^	32000 2001	SK406-0001	890	17937-0001	SP2700-1027	X3001-
3.152 / 3.1524	29500-1101	040	Ø 28 Hose				SK384-0001	3298	1210-0001	SP2700-1027	SP1002
4.107M / 4.108M / LL	3370-200	040	3/4" BSP	Flange	v	9970-200	SK33	3298	1210-0001	SP2700-1027	SP1002
				Flange	Х	9970-200					
4.107M / 4.108M / LL	9970-200	040	3/4" BSP	Flange			SK229	3298	1210-0001	22626-6000	SP1002
4.108	3270-200	040	3/4" BSP	Flange	Х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002
4114 (Imp. from USA)	11850-0101	040	1" Hose	Flange	Х	11850-0701	SK117-02	8641	1210-0001	SP6080-08B	SP102
4114 (Imp. from USA)	11850-0701	040	1" Hose	Flange			SK117-02	8641	1210-0001	SP6080-08B	SP102
4.236 / T4.236	10970	040	3/4" BSP	Flange			SK268-01	3298	1210-0001	22626-6000	SP1002
4.236 LL	10970-21	040	¾" Flanged	Flange			SK268-01	3298	1210-0001	22626-6000	SP1002
4.270 M	4160	080	Ø 32 Hose	Flange	Х						
6.305 M	6030-71	080	1" Flanged	Flange	Х		SK236	890	17937-0001	SP2701-21	SP1003
T / H / HT 6.354 M	9990-21	040	3/4" NPT	Barrel	Х	9990-41		3298	1210-0001	22626-6000	SP1002
T / H / HT 6.354 M	9990-41	040	¾" NPT	Barrel			SK268	3298	1210-0001	22626-6000	SP1002
T / H / HT 6.354 LL	9700-151	080	1" Flanged	Flange			SK238-01	3101	17937-0001	SP6080-06	SP1003
6.3540 M	9700-151	080	1" Flanged	Flange			SK238-01	3101	17937-0001	SP6080-06	SP1003
6.3543 M	9700-141	080	1" Flanged	Flange	х	9700-04	SK238	890	17937-0001	SP6080-06	SP1003
6.3543 M	9700-04	080	1" Flanged	Flange			SK238-01	3101	17937-0001	SP6080-06	SP1003
6.354	9700-01	080	1" Flanged	Flange			SK238	890	17937-0001	SP6080-06	SP1003
V8.510	21180-05	200	1¼" Flanged	Flange	х		SK293-01	816	836-0001	21849	SP100
TV8.5410 / 40	21180	200	1¼" Flanged	Flange	х		SK293-01	816	836-0001	21849	SP100
M90 / 4HD 76 / 6HD	10970-21	040	¾" Flanged	Flange			SK268-01	3298	1210-0001	22626-6000	SP100
6HD 135 / 150	9700-01	080	1" Flanged	Flange			SK238	890	17937-0001	SP6080-06	SP1003
M200 / 240 / 275	9990-41	040	3/4" NPT	Barrel			SK268	3298	1210-0001	22626-6000	SP1002
1000-Series	29640-1101	080	Ø 32 Hose	Flange			SK385-0101	890	17937-0001	SP6080-0469	SP1003-
Perama											
M20	29350-1001	010	Ø 18 Hose	Flange			SK23-0101	1126	4528-0001	SP2701-14	SP1002
M25 / 30 / 3HD 20	29450-1101	020	Ø 20 Hose	Flange			SK387-0001	2995-0030	673-0001	SP2700-05	SP1002
M35 / 40	29450-1101	020	Ø 20 Hose	Flange			SK387-0001	2995-0030	673-0001	SP2700-05	SP1002
MC42	29450-1231	020	Ø 20 Hose	Flange			SK387-0001	2995-0030	673-0001	SP2700-05	SP1002
3HD 46	29450-1201	020	Ø 20 Hose	Flange			SK387-0001	2995-0030	673-0001	SP2700-05	SP1002
M50 / 60 / 80T	29450-1201	020	Ø 20 Hose	Flange			SK387-0001	2995-0030	673-0001	SP2700-05	SP1002
	20.00 1201	1020	~ 20 11030	ange			3.1307 3001	2333 0030	3.3 0001	3. 2700-03	51 1002
	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3798	1210-0001	SP2700-1027	SP1003
Prima Primera (MD22)	29500-1001 29540-1001	040	Ø 28 Hose Ø 28 Hose	Flange Foot			SK384-0001 SK384-0101	3298 3298	1210 <b>-</b> 0001	SP2700-1027 SP2700-1027	SP1002

**POWER GENNY - USA** 

Kubota 2 Cyl

52010-2001 010 %" NPTF Foot

| SK404-0101 | 29308-0000 | 22405-0001 | SP2701-1006 | X3001-095F

JABSC0°

# Cooling Pump Spares by Make of Engine **Ro-Sc**

Engine Details		Já	absco Pu	ımp [	)eta	ils		Serv	ice Kit De	etails	
Engine Model	Pump	Size	Port	Mount	Obso-	Alternative	Kit	End Cover	Impeller	Water	End Cove
Number	Number		Size	Туре	<b>l</b> ete	Pump Number	Number	Gasket		Seal	Screws
ROLLS ROYCE - U											
C6NFLM / C6SFLM	4360	200	1½" Flanged	Flange	Х		SK230	816	836-0001	21849	SP1005-0
C8T Mk IV	4360	200	1½" Flanged	Flange	х		SK230	816	836-0001	21849	SP1005-0
C8T / C8S / C8N	10590-01	270	2" Flanged	Flange	х	11101-01-01	SK254	816	21676-0001	21849	SP1005-0
C6-Series / C12-Series	10590-01	270	2" Flanged	Flange	х	11101-01-01	SK254	816	21676-0001	21849	SP1005-0
CV-Series / 8 / 12HD	10590-01	270	2" Flanged	Flange	х	11101-01-01	SK254	816	21676-0001	21849	SP1005-0
CV-Series / 8 / 12HD	11100-01-01	270	2" BSP	Flange			SK254	816	21676-0001	21849	SP1005-0
RUGGERINI - ITA	LY										
RM 270	29470-2231	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-09
RD / RM-Series	11260-2101	010	¾" BSP	Flange	х	29300-2201C	SK266	1126	4528-0001	SP2701-04	SP1002-0
MM / RDM -Series	11260-2101	010	¾" BSP	Flange	х	29300-2201C	SK266	1126	4528-0001	SP2701-04	SP1002-0
	29300-2201C	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-09
SABB - NORWAY											
F 210 / F 444	21690	040	Ø 20 Hose	Flange	x		SK239	3298	1210-0001	22626-6000	SP1002-0
F 210 / F 444	21690-05	040	Ø 20 Hose	Flange	х		SK239	3298	1210-0001	22626-6000	SP1002-0
F 4.254 / 6.380	10950-201	040	½" BSP	Flange	x	10950-2401	SK239	3298	1210-0001	22626-6000	SP1002-0
F 4.254 / 6.380	10950-2401	040	3/4" BSP	Flange	^		SK239	3298	1210-0001	22626-6000	SP1002-0
F 6.363T /TI	21140-201	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-0
		080	1" BSP		^	21140-2401		890	17937-0001		SP1003-0
F 6.363T /TI	21140-2401			Flange			SK229			22626-6000	
M 4.210	3270-2101	040	34" BSP	Flange	Х		SK271	3298	1210-0001	SP2701-21	SP1002-0
M 4.295	3270-200	040	3/4" BSP	Flange	Х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-0
M 4.295	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-0
SAAB SCANIA - S	WEDEN						-				
D11 / DS11 / DSI11	10980-01	200	1½" Flanged	Flange	x	10980-0051	SK230	816	836-0001	21849	SP1005-0
D11 / DS11 / DSI11	10980-0051	200	1½" Flanged	Flange			SK230-0161	816	17935-0001	21849	SP1005-0
D5 / DS5	9700-21	080	1" Flanged	Flange	х	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-0
D5 / DS5	29600-1001	080	Ø 32 Hose	Flange		New Pipework	SK385-0101	890	17937-0001	SP6080-0469	SP1003-01
D5 / DS5	7870-221	200	1¼" BSP	Foot	х		SK230	816	836-0001	SP6080-0374	SP1005-0
,											
SABRE ENGINES	- UK						<u> </u>				
Ford Dorset											
80 / 120 / 140	10950-200	040	3/4" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22626-6000	SP1002-0
80 / 120 / 140	10950-2401	040	3/4" BSP	_	^	10930-2401	SK239	3298	1210-0001	22626-6000	SP1002-0
				Flange		24440.2404					
180 / 210 / 212 / 212C	21140-200	080	1" BSP	Flange	Х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-0
180 / 210 / 212 / 212C	21140-2401	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-0
Ford Dover	21140-2201	080	1" BSP	Flange	Х	21140-2601	SK229	890	17937-0001	22626-6000	SP1003-0
Ford Dover	21140-2601	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-0
250 / 275 / 365	21580-200	080	1" BSP	Flange	х		SK229	890	17937-0001	22626-6000	SP1003-0
Marathon	21890	120	1½" BSP	Flange	х	10880-2611	SK310	890	17018-0001	22617-0000	SP1003-0
Marathon	10880-2611	200	1½" Flanged	Flange			SK375-0101	816	17935-0001	21849	SP1005-0
M225Ti / 370Ti	29640-1101	080	Ø 32 Hose	Flange			SK385-0101	890	17937-0001	SP6080-0469	SP1003-01
370L / 420L	29700-1201	120	Ø 45 Hose	Flange			SK386-0001	890	17018-0001	SP6080-0469	SP1003-01
320 / 400 / 420 / 450	10630-07	200	1½" Flanged	Foot	х	52220-0011	SK230	816	836-0001	21849	SP1005-0
320 / 400 / 420 / 450	52220-0011	200	1½" Flanged	Foot			SK407-0011	816	17935-0001	SP6080-0374	X3001-17
500	10490-07	270	2" Flanged	Foot	х	52270-0011	SK254	816	21676-0001	21849	SP1005-0
500	52270-0011	270	2" Flanged	Foot			SK408-0011	816	17936-0001	SP6080-0374	SP1095-06
M215C	29640-1101	080	Ø 32 Hose	Flange			SK385-0101	890	17937-0001	SP6080-0469	
M185C	29640-1101	080	Ø 32 Hose	Flange			SK385-0101	890	17937-0001	SP6080-0469	
M130C	29640-1101	080	Ø 32 Hose	Flange			SK385-0101	890	17937-0001	SP6080-0469	
	133.31131	555	32 11030	lange			2.13.53 0.101		7,337 0031	0.000	
SCHWARTING - 0	ERMANY	,									

# Cooling Pump Spares by Make of Engine Sc-Te

										_	
Engine Details		J	absco Pu	amı	)eta	ails		Serv	ice Kit De	etails	
Engine Model	Pump	Size		Mount	_		Kit	End Cover	Impeller	Water	End Cover
Number	Number		Size	Туре	lete	Pump Number	Number	Gasket		Seal	Screws
SCHWARTING - G		1		D							
S 314 / 352 / 352A	52080-2001	080	1" BSP	Foot			SK406-0001	890	17937-0001	SP2700-1027	
S 421 / 422 / 423	52200-2041	200	1¼" BSP	Foot			SK407-0011	816	17935-0001	SP6080-0374	
S 424	52200-2001	200	1½" BSP	Foot	х	52200-2011	SK407-0011	816	17935-0001	SP6080-0374	
S 424	52200-2011	200	1½" BSP	Foot			SK407-0011	816	17935-0001	SP6080-0374	X3001-176F
S 424A	52270-2041	270	2" BSP	Foot			SK408-0011	816	21676-0001	SP6080-0374	
S 615 / 616 / 636	3270-261	040	¾" BSP	Flange	Х		SK33	3298	1210-0001	SP2701-21	SP1002-02
S 617 / 617A	23430-1001	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
CEATEL ITALY											
SEATEK - ITALY	40770 57		41/11 EL				6//220	046	035 0004	24040	504005.04
6.4V.9	10770-57	200		Flange			SK230	816	836-0001	21849	SP1005-04
10.3 Offshore	29880-0101	3/0	2¾" Flanged	Flange			SK410	X4020-424A	17240-0001	21849	X3001-180F
CICIL (CEE VALA	AFT OV	FIN	LAND)								
SISU - (SEE VALN	IEI OY -	FIIN	LAND)			I					
SOLE DIESEL - SP	  ΛΙΝΙ										
MB 636	29500-1001	040	Ø 28 Hose	Flange	x		SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
MB 616-4	23430-1001	080	Ø 32 Hose	Flange	^		SK385-0001	890	17937-0001	SP2700-1027	
MB 616-6	23430-1001	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001		SP1003-0111
SF15	21140-204	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
SF15	21140-2401	080	1" BSP	Flange		21140 2401	SK229	890	17937-0001	22626-6000	SP1003-09
SF18	21140-200	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
SF18	21140-2401	080	1" BSP	Flange	^	21140 2401	SK229	890	17937-0001	22626-6000	SP1003-09
SM 615	6490-210	040	½" BSP	Foot			SK225-01	6496	1210-0001	SP2701-21	SP1003-09
SM 636	3270-200	040	3/4" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
SM 636	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
6.354.3	9710-210	080	1" BSP	Foot	х		SK229	890	17937-0001	22626-6000	SP1003-09
4.108	3270-200	040	3/4" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
4.108	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
TATKO - TURKEY			l								
	23050-1031	020	¾" BSP	Flange			SK211	10817	673-0001	SP2701-04	SP1002-09
TEMPEST DIESELS	S - UK	_									
Captain 31	4760-01	020	¾" BSP	Flange	x		SK228	2995-0030	673-0001	SP2701-04	SP1002-01
Captain 31	4900-01	040	1/2" BSP	Foot	х		SK234	4908	4568-0001	3791	SP1003-09
Captain 1.5 / 1.8	52040-2001	040	³¼" BSP	Foot			SK384-0101	3298	1210-0001	SP2700-1027	X3001-095F
Commander 2.2D (DC)	4760-01	020	¾" BSP	Flange	х		SK228	2995-0030	673-0001	SP2701-04	SP1002-01
Commander 2.5 (HX)	3270-200	040	¾" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
Commander 2.5 (HX)	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
Commander 50 HP	4760-21	020	¾" BSP	Flange	х		SK228	2995-0030	673-0001	SP2701-04	SP1002-01
Commander 50 HP	4760-111	020	¾" BSP	Flange	х		SK228	2995-0030	673-0001	SP2701-04	SP1002-01
Commander 50 HP HX	3270-241	040	¾" BSP	Flange	х		SK271	3298	1210-0001	SP2701-21	SP1002-02
Commander 50 HP HX	3270-200	040	¾" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
Commander 50 HP HX	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
Commodore 34 / 38	4760-01	020	¾" BSP	Flange	х		SK228	2995-0030	673-0001	SP2701-04	SP1002-01
Commodore	3270-261	040	¾" BSP	Flange	х		SK33	3298	1210-0001	SP2701-21	SP1002-02
Navigator 38	4760	020	3/4" BSP	Flange	х		SK228	2995-0030	673-0001	SP2701-04	SP1002-01
Sea Lord 51	4760-01	020	3/4" BSP	Flange	х		SK228	2995-0030	673-0001	SP2701-04	SP1002-01
Sea Lord 51	3270-251	040	¾" BSP	Flange	х		SK33	3298	1210-0001	SP2701-21	SP1002-02
Sea Lord 5.66	9700	080	1" Flanged	Flange	х		SK238	890	17937-0001	22645-0000	SP1003-01
Sea Prince 3000S	3270-200	040	¾" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
Sea Prince 3000S	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
Vedette Mk II-VI	4760	020	¾" BSP	Flange	х		SK228	2995-0030	673-0001	SP2701-04	SP1002-01
Vedette Mk VII	11430-01	010	1/4" BSP	Flange	х		SK272	11438	4528-0001	SP2700-11	SP1002-04

# Cooling Pump Spares by Make of Engine Te-Vm

Engine Details		J	absco Pu	ımp [	)eta	nils		Serv	ice Kit De	etails	
Engine Model	Pump	Size	Port	Mount	Obso-	Alternative	Kit	End Cover	Impeller	Water	End Cover
Number	Number		Size	Type	lete	Pump Number	Number	Gasket		Seal	Screws
TEMPEST DIESELS		TNC	INUED								
Yeoman 36	4760-151	020	3/4" BSP	Flange	х		SK228	2995-0030	673-0001	SP2701-04	SP1002-01
4.58 / 80	21140-200	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
6.97 / 120	21140-200	080	1" BSP	Flange	Х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
6.150 / 180	21140-200	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
6.150 / 180	21140-2401	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
1622 S	6540-200	020	¾" BSP	Foot			SK205	2995-0030	673-0001	B22	SP1002-01
UNIVERSAL - USA	4										
Ford 1.4	52010-0051	010	¾" NPT	Foot	х		SK404-0101	29308-0000	22405-0001	SP2701-1006	X3001-095F
VALMET OY - FIN	ILAND										
310 DM / 411 DM	3370-200	040	¾" BSP	Flange	х	9970-200	SK33	3298	1210-0001	SP2701-21	SP1002-02
310 DM / 411 DM	9970-200	040	¾" BSP	Flange			SK229	3298	1210-0001	22626-6000	SP1002-02
411 / 611 CM / CSM	9700-21	080	1" Flanged	Flange	х	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-01
411 / 611 CM / CSM	29600-1001	080	Ø 32 Hose	Flange		New Pipework	SK385-0101	890	17937-0001	SP6080-0469	SP1003-0111
615 / 815 DM	10770-57	200	1½" Flanged	Flange			SK230	816	836-0001	21849	SP1005-04
4035 PM	4760-41	020	¾" BSP	Flange	х		SK228	2995-0030	673-0001	SP2701-04	SP1002-01
6 Cyl	29770-0001	200	1½" Flanged	Flange				816	17935-0001	21849	SP1095-0640
612DS	29770-0001	200	1½" Flanged	Flange				816	17935-0001	21849	SP1095-0640
VETUS - NETHERI	LANDS										
C4/6	23430-1401	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
K 3 / 3D / 4	29470 <b>-</b> 2131C	020	%" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
L 2 / 3	29460-1251	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
M 2.05	29460-1201	020	Ø 20 Hose	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01
M 3.10	29480-2031C	020	#/8"BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
M 4.14	3270-2301	040	3/4" BSP	Flange	х		SK33	3298	1210-0001	SP2701-21	SP1002-02
P 4.25	23430-1441	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
STM 6514	29530-2001	040	¾" BSPF	Crank				3298	1210-0001	SP2700-1027	X3001-095F
36-22-11	3270-2301	040	3/4" BSP	Flange	х		SK33	3298	1210-0001	SP2701-21	SP1002-02
42-26-Series	3270-2301	040	¾" BSP	Flange	х		SK33	3298	1210-0001	SP2701-21	SP1002-02
52-34-Series	3270-2301	040	¾" BSP	Flange	х		SK33	3298	1210-0001	SP2701-21	SP1002-02
DT43	29680-1051	080	Ø 32 Hose	Flange				890	17937-0001	SP6080-0469	X3001-147F
DTA43	29680-1051	080	Ø 32 Hose	Flange				890	17937-0001	SP6080-0469	X3001-147F
DT64	29680-1041	080	Ø 32 Hose	Flange				890	17937-0001	SP6080-0469	X3001-147F
DTA64	29680-1041	080	Ø 32 Hose	Flange				890	17937-0001	SP6080-0469	X3001-147F
DT67	29680-1041	080	Ø 32 Hose	Flange				890	17937-0001	SP6080-0469	
DTA67	29680-1041	080	Ø 32 Hose	Flange				890	17937-0001	SP6080-0469	X3001-147F
VM-MOTORI - ITA	ALY										
102 MH-Series	11000-01	020	Ø 16 Hose	Flange	x		SK211	10817	673-0001	SP2701-04	SP1002-09
103 / 4 / 6 MH-Series	3270-200	040	3/4" BSP	Flange	x	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
103 / 4 / 6 MH-Series	29500-1001	040	Ø 28 Hose	Flange	,		SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
106 M11	11000-01	020	Ø 16 Hose	Flange	х		SK211	10817	673-0001	SP2701-04	SP1002-02
114 /6 MH	9700-21	080	1" Flanged	Flange	×	29600-1001	SK238	890	17937-0001	SP6080-06	SP1003-01
114 /6 MH	29600-1001	080	Ø 32 Hose	Flange	^	New Pipework	SK385-0101	890	17937-0001	SP6080-069	
116 DAN M	3270-200	040	3/4" BSP	Flange	х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
116 DAN M	29500-1001		Ø 28 Hose	_	^	23300-1001	SK384-0001	3298	1210-0001	SP2701-21 SP2700-1027	SP1002-02
		040		Flange							
HR-Series	23430-1001	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	
HR 694 HID10	29700-1301	120	Ø 45 Hose	Flange		20500 1001	SK386-0001	890	17018-0001	SP6080-0469	
804 / 806 M	3270-200	040	¾" BSP	Flange	Х	29500-1001	SK271	3298	1210-0001	SP2701-21	SP1002-02
804 / 806 M	29500-1001	040	Ø 28 Hose	Flange			SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
956 M11	11000-01	020	Ø 16 Hose	Flange	х		SK211	10817	673-0001	SP2701-04	SP1002-09
130 MH 14-Series	10880-0101	200	1½" Flanged	Flange	x		SK230	816	836-0001	21849	SP1005-04

Cooling Pump Spares by Make of Engine Vm-Vo JABSCO												
Engine Details		Jä	absco Pu	ımp [	)eta	ails		Serv	ice Kit De	etails		
Engine Model Number	Pump Number	Size	Port Size	Mount Type	Obso- <b>l</b> ete	Alternative Pump Number	Kit Number	End Cover Gasket	Impeller	Water Seal	End Cover Screws	
VM-MOTORI - IT/	ALY CONT	INI	JED									
131 MH 14-Series	11100-0101	270	2" Flanged	Flange	х		SK254	816	21676-0001	21849	SP1005-04	
VOLVO PENTA - 9	WEDEN											
AQ 95	9900	020	Ø 16 Hose	Foot	x	29470-2231C	SK211	10817	673-0001	SP2701-04	SP1002-09	
AQ 95	29470-2231C	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	
AQ 110 / 115 / BB 115	9900	020	Ø 16 Hose	Foot	х	29470-2231C	SK211	10817	673-0001	SP2701-04	SP1002-09	
AQ 110 / 115 / BB 115	29470-2231C	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	
AQ 115A / B	29470-1231	020	Ø 16 Hose	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	
AQ 130 C / D	9900	020	Ø 16 Hose	Foot	х	29470-2231C	SK211	10817	673-0001	SP2701-04	SP1002-09	
AQ 130 C / D	29470-2231C	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	
AQ 130 C / D	29470-1231	020	Ø 16 Hose	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	
AQ 140	9900	020	Ø 16 Hose	Foot	х	29470-2231C	SK211	10817	673-0001	SP2701-04	SP1002-09	
AQ 140	29470-2231C	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	

Johnson Pump

Johnson Pump

Johnson Pump

22740-0151

22740-0151

22740-0151

22740-0151

22740-0151

Johnson Pump

Johnson Pump

29470-2231C

6490-224

29300-2201C

6490-222

29300-2201C

29300-2201C

29300-2201C

SK405-0001 29476-0000

3298

3298

3298

3298

3298

3298

3298

3298

3298

3298

3298

3298

3298

29476-0000

29308-0000

10817

4908

1126

29308-0000

29308-0000

1126

SK225-01 Use 23299 Kit To Upgrade to 6490-224

SK225-01 Use 23299 Kit To Upgrade to 6490-224

SK225-01 Use 23299 Kit To Upgrade to 6490-222

SK153

SK331-0251

SK331-05

SK239

SK331-05

SK331-0251

SK331-05

SK331-05

SK331-0251

SK331-05

SK331-05

SK331-05

SK331-0251

SK331-05

SK331-05

SK331-0251

SK331-05

SK331-0251

SK229

SK405-0001

SK266

SK404-0001

SK211

SK239

SK309

SK266

SK266

SK404-000

SK404-0001

SK266

18653-0001 SP2701-1006 X3004-095G

SP6080-08B

SP2701-21

SP2701-21

22626-6000

SP6080-08B

SP2701-21

SP2701-21

SP2701-21

SP2701-21

SP6080-08B

SP2701-21

SP2701-21

SP2701-21

SP2701-21

SP2701-21

SP1014-03

4568-0001

4568-0001

4598-0001

4568-0001

22120-0001

22120-0001

1210-0001

22120-0001

22120-0001

22120-0001

22120-0001

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22120-0001

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22120-0001

4568-0001

4568-0001

17937-0001

673-0001

673-0001

4568-0001

4528-0001

4528-0001

22405-0001

4528-0001 SP2701-04

1210-0001 22626-6000

SP2701-04

SP2701-01

SP2701-04

SP2701-04

SP2701-1006

29470-1231 020 Ø 16 Hose | Flange

1" Hose

3/4" NPT

60 Ø 32 Hose

060 Ø 32 Hos

060 Ø 32 Hos

1" NPSF

1" NPSF

¾" BSP

⅓" BSP

¾" BSP

¾" BSP

040 Ø 32 Hos

¾" BSP

¾" BSP

¾" BSP

¾" BSP

¾" BSP

60 Ø 32 Hose

060 Ø 32 Hose

22740-0151 060 Ø 32 Hose

22300-05 060 Ø 32 Hose

22740-0251 060 Ø 32 Hose

22740-0151 060 Ø 32 Hos

22740-0251 060 Ø 32 Hose

22740-0151 060 Ø 32 Hose

22740-0251 060 Ø 32 Hose

22740-0151 060 Ø 32 Hose

22740-0251 060 Ø 32 Hose

22740-0151 060 Ø 32 Hose

22740-0201 060 Ø 32 Hose

10-32058-1 040

10-32058-1 040

10800-21 080

10-24277-1 080

29470-2231C 020

6490-246 040

11260-2101 010

29300-2201C 010

6490-246

9400

6490-241

10550-01

21770

11260-2101 010

11260-2101 010

29300-2201C 010

29300-2201C 010

11260-2101 010

Flange

Crank

Crank

Foot

Crank

Crank

Crank

Crank

Crank

Crank

Crank

Crank

Crank

Flange

Foot

Foot

Foot

Flange

Flange

Foot

Flange

Flange

Flange

Foot x

Flange

Crank x

Crank x

Crank x

10-32621-1

10-32621-1

14620

10-32621-1

22740-0251

10550-200

22300-05

22300-05

22300-05

22300-05

AQ 140 A

AQ 145 A / B

AQ 151 A / B / C

AQ 150

AQ 175 A

AQ 175 A

AQ 200

AQ 200 D

AQ 200 D

AQ 225 D

AQ 225 D

AQ 250

AQ 260 A

AQ 260 B

AQ 290 A

AQ 290 A

AQD 21A

AQD 21B

AQD 40A

BB 30

BB 70

BB 100

MB 10A

MB 16A

MB 36A

MB 36B

MRN 40

MD2 / 2B

MD 2 BHY

MD 1 / 1A / 1B

MD 1 KHD / HY / 2

MD 1 KHD / HY / 2

MB 10A / 11

AQ 740 Big Block

AQ 270

AQ 200 D-280 /225

AQ 225 B /D-280

SP8019-01 SP8019-01 SP8019-01 SP8019-01 SP8019-01 SP8019-01 SP8019-01 SP8019-01 SP8019-01 17937-0001 22617-0010 SP1003-09 18653-0001 SP2701-1006 X3004-095G 22405-0001 SP2701-1006 X3004-095G SP1003-09 SP1002-01 22405-0001 SP2701-1006 X3004-095G 4528-0001 SP2701-04 SP1002-01

# Cooling Pump Spares by Make of Engine Vo-Wa

Engine Details		J	absco Pu	ımp [	Deta	ails		Serv	ice Kit De	etails	
Engine Model	Pump	Size	Port	Mount	Obso-	Alternative	Kit	End Cover	Impeller	Water	End Cover
Number	Number		Size	Туре	<b>l</b> ete	Pump Number	Number	Gasket	·	Seal	Screws
VOLVO PENTA - S	WEDEN	COI	NTINUED								
MD 2 BHY	29300-2201C	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095G
MD 3	9900	020	Ø 16 Hose	Foot	х	29470-2231C	SK211	10817	673-0001	SP2701-04	SP1002-09
MD 3	29470-2231C	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
MD 3	29470-1231C	020	Ø 16 Hose	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
MD 5A / B / C	29300-2201C	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095G
MD 6A / B	11260-2101	010	¾" BSP	Flange	х	29300-2201C	SK266	1126	4528-0001	SP2701-04	SP1002-01
MD 7A / B	11260-2101	010	¾" BSP	Flange	х	29300-2201C	SK266	1126	4528-0001	SP2701-04	SP1002-01
MD 10A / 11	29300-2001C	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095G
MD11 C	29300-2001C	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095G
MD11 D	29300-2001C	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095G
MD 21A	10-32058-1	040		Flange		Johnson Pump			4568-0001		
MD 21B	10-32058-1	040		Flange		Johnson Pump			4568-0001		
MD 22	29500-1001	040					SK384-0001	3298	1210-0001	SP2700-1027	SP1002-02
MD22/SX	29540-1001	040	Ø 28 Hose	Foot			SK384-0101	3298	1210-0001	SP2700-1027	X3001-095F
MD 32A	10800-21	080	1" NPSF	Flange	х		SK229	890	17937-0001	22617-0010	SP1003-09
MD40A	10-24277-1	080	1" NPSF	Flange		Johnson Pump			17937-0001		
MD 47A / C	9710-200	080	1" BSP	Foot			SK229	890	17937-0001	22626-6000	SP1003-09
MD 47B	9770-205	080	3/4" BSP	Barrel	х		SK229	890	17937-0001	22626-6000	SP1003-09
MD 50A	11120-204	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
MD 67C	9770-205	080	3/4" BSP	Barrel	х		SK229	890	17937-0001	22626-6000	SP1003-09
MD 70A	11120-204	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
MD 70	11120-205	080	1" BSP	Flange	х		SK229	890	17937-0001	22626-6000	SP1003-09
MD 7101	10770-0051	200	1½" Flanged	Flange			SK369-0001	816	836-0001	21849	SP1095-0640
MD 71	10770-0351	200	1½" Flanged	Flange			SK230	816	836-0001	21849	SP1005-04
MD 96B	9710-200	080	1" BSP	Foot			SK229	890	17937-0001	22626-6000	SP1003-09
MD 2010	29350-1101	010	Ø 20 Hose	Flange			SK23-0101	1126	4528-0001	SP2701-14	SP1002-01
MD 2020	29350-1101	010	Ø 20 Hose	Flange			SK23-0101	1126	4528-0001	SP2701-14	SP1002-01
MD 2030	29450-1301	020	Ø 20 Hose	Flange			SK387-0001	2995-0030	673-0001	SP2700-05	SP1002-01
MD 2040	29450-1401	020	Ø 20 Hose	Flange			SK387-0001	2995-0030	673-0001	SP2700-05	SP1002-01
TAMD 22/SX	29540-1001	040	Ø 28 Hose	Foot			SK384-0101	3298	1210-0001	SP2700-1027	X3001-095F
TAMD 60	11120-205	080	1" BSP	Flange	х		SK229	890	17937-0001	22626-6000	SP1003-09
TAMD 61	10770-0051	200	1½" Flanged	Flange			SK369-0001	816	836-0001	21849	SP1095-0640
TAMD 61	10770-0351	200	1½" Flanged	Flange			SK230	816	836-0001	21849	SP1005-04
TAMD 70	11120-205	080	1" BSP	Flange	х		SK229	890	17937-0001	22626-6000	SP1003-09
TAMD 71	10770-0051	200	1½" Flanged	Flange			SK369-0001	816	836-0001	21849	SP1095-0640
TAMD 71			1½" Flanged	Flange			SK230	816	836-0001	21849	SP1005-04
TAMD 96B	9710-200	080	1" BSP	Foot			SK229	890	17937-0001	22626-6000	SP1003-09
TAMD 102	10590-0031	270	2" Flanged	Flange			SK254	816	21676-0001	21849	SP1005-04
TMD22/SX		040	Ø 28 Hose	Foot			SK384-0101	3298	1210-0001	SP2700-1027	X3001-095F
TMD40A	10-24277-1	080	1" BSP	Flange		Johnson Pump			17937-0001		
TMD40B		080	1" BSP	Flange		Johnson Pump			17937-0001		
TMD 50A	11120-204	080	1" BSP	Flange		Tomasii Tump	SK229	890	17937-0001	22626-6000	SP1003-09
TMD 70	11120-205	080	1" BSP	Flange	х		SK229	890	17937-0001	22626-6000	SP1003-09
TMD 71	10770-0051	200	1½" Flanged	Flange	^		SK369-0001	816	836-0001	21849	SP1095-0640
TMD 71		200	1½" Flanged				SK230	816	836-0001	21849	SP1093-0640
TMD 96B	9710-200	080	1" BSP	Flange			SK230 SK229	890	17937-0001	21849	SP1003-04 SP1003-09
TMD 100A / C TMD 120 B		270	2" Flanged	Flange			SK254	816	21676-0001	21849	SP1005-04
	10590-0041	270	2" Flanged	Flange			SK254	816	21676-0001	21849	SP1005-04
TMD 121 C		270	2" Flanged	Flange			SK254	816	21676-0001	21849	SP1005-04
1113 BR	9710-200	080	1"BSP	Foot			SK229	890	17937-0001	22626-6000	SP1003-09
MATERIAGE											
WATERMOTA - U	K										
Sea-Series											
Beaver / Cub	52010-2051	010	¾" BSP	Foot	x		SK404-0101101	29308-0000	22405-0001	SP2701-1006	X3001-095F

# Cooling Pump Spares by Make of Engine Wa-Ze JABSCO

Engine Details		J	absco Pu	ımp [	)eta	ails		Serv	ice Kit De	etails	
Engine Model Number	Pump Number	Size	Port Size	Mount Type	Obso- lete	Alternative Pump Number	Kit Number	End Cover Gasket	Impeller	Water Seal	End Cover Screws
WATERMOTA - U	K CONTII	VUE	D			_		<u>'</u>			
Horse	21690	040	Ø 20 Hose	Flange	х		SK239	3298	1210-0001	22626-6000	SP1002 <b>-</b> 02
Horse	21690-05	040	Ø 20 Hose	Flange	х		SK239	3298	1210-0001	22626-6000	SP1002-02
Lion	10950-200	040	¾" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22626-6000	SP1002-02
Lion	10950-2401	040	¾" BSP	Flange			SK239	3298	1210-0001	22626-6000	SP1002-02
Lion	21140-201	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
Lion	21140-2401	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
Leopard	9900	020	Ø 16 Hose	Foot	х	29470-2231C	SK211	10817	673-0001	SP2701-04	SP1002-09
Leopard	29470-2231C	020	%" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
Otter	9430-211	010	1/4" BSP	Flange	х	29300-2601C	SK221	1126	4528-0001	SP2701-09	SP1002-01
Otter	29300-2601C	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095G
Panther Mk 3 / 4	9900	020	Ø 16 Hose	Foot	х	29470-2231C	SK211	10817	673-0001	SP2701-04	SP1002-09
Panther Mk 3 / 4	29470-2231C	020	%" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
Ranger	23430-1201	080	Ø 32 Hose	Flange			SK385-0001	890	17937-0001	SP2700-1027	SP1003-0111
Scout	10950-200	040	¾" BSP	Flange	х	10950-2401	SK239	3298	1210-0001	22626-6000	SP1002-02
Scout	10950-2401	040	3/4" BSP	Flange			SK239	3298	1210-0001	22626-6000	SP1002-02
Scout	21140-201	080	1" BSP	Flange	х	21140-2401	SK229	890	17937-0001	22626-6000	SP1003-09
Scout	21140-2401	080	1" BSP	Flange			SK229	890	17937-0001	22626-6000	SP1003-09
Tiger / Wolf	9430-211	010	1/4" BSP	Flange	х	29300-2601C	SK221	1126	4528-0001	SP2701-09	SP1002-01
Tiger / Wolf	29300-2601C	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095G
Tiger / Wolf	9900	020	Ø 16 Hose	Foot	х	29470-2231C	SK211	10817	673-0001	SP2701-04	SP1002-09
Tiger / Wolf	29470-2231C	020	¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G
Tiger / Wolf	29410-1101	020	Ø 20 Hose	Flange			SK404-0001	29308-0000	18653-0001	SP2701-1006	X3004-095G
Series 11-30 / 50	22770	020	Ø 25 Hose	Crank	х	29440-1001	SK346	1985-01	673-0001	SP2701-21	SP1004-09
Series 11-30 / 50	29440-1001	020	Ø 25 Hose	Crank			SK402-0001	1985-0000	18653-0001	29441-0000	SP1004-09
Inlander	2620-253	020	¾" BSP	Foot			SK20	2995-0030	673-0001	SP2700-05	SP1002-02
Type 5-16	9430-211	010	1/4" BSP	Flange	х	29300-2601C	SK221	1126	4528-0001	SP2701-09	SP1002-01
Type 5-16	29300-2601C	010	¾" BSP	Flange			SK404-0001	29308-0000	22405-0001	SP2701-1006	X3004-095G
WESTERBEKE - U	SA										
Generator Sets											
8-10 kW	52010-2051	010	¾" NPT	Foot	х		SK404-0101	29308-0000	22405-0001	SP2701-1006	X3001-095F
10+ kW	52020-2031	020	¾" NPTF	Foot	х		SK405-0101	2995-0030	18653-0001	SP2701-1006	X3001-095F
ZEISE - GERMAN	Υ										
Kubota Twin	29460-2501	020	¾" BSP	Flange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01

JABSCO°

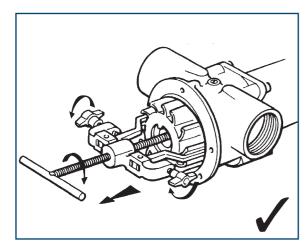
#### Introduction



#### Jabsco -The Original Impeller

Jabsco flexible impellers can be fitted to most makes and models of bronze flexible impeller engine cooling, bilge, transfer and general purpose pumps.

Jabsco flexible impellers are subjected to rigorous quality processes to ensure reliable, efficient and long lasting performance.



# Impeller Repalcement - The Basics

**Use Neoprene Impellers for engine cooling,** and for fresh or salt water transfer duties. Neoprene is the most commonly used material and is suitable for use where only small amounts of oil or diesel fuel are present.

Use Nitrile Impellers for bilge pumping, and for transfer duties where the water is heavily contaminated, for example by oil or diesel. For diesel transfer duties, go to pages 45-46 and select a Jabsco Sliding Vane pump.

**Replace all impellers** at least once every year, or sooner, depending on the engine duty. When the installation is correct an impeller may last for several years, but it is always advisable to stick to a schedule of preventative, rather than corrective, maintenance.

Replacing impellers is easy. By removing the end cover screws, it is possible to remove the impeller by using either a Jabsco Impeller Removal Tool, or channel lock pliers, to grip the hub of the impeller. Don't use screwdrivers as they may damage the face of the pump body, causing leaks, and they can be dangerous in confined spaces.

Always carry spare impellers on board in case of emergency. The impeller is one of the most vital components of the engine cooling system and should always be treated as such.

Always grease new impellers. Firstly, it makes it easier to install the impeller into the pump bore, and secondly it gives added protection to the impeller during initial prime. After replacing the gasket and end cover the pump is ready to use.

#### Identification

#### Selecting you Jabsco Replacement Impeller

There are several ways of identifying the part number of the correct Jabsco impeller if you do not already know it.

- If you have a Jabsco pump, the Jabsco impeller part number can be found on the Data Sheet that is delivered with each pump.
- If you have a Jabsco pump, but no data sheet, and you know the full pump model number, go to pages 117-140, Pump Spares by Pump Model, and read off the correct Jabsco impeller part number.
- 3. If you have another brand of pump, and you know their impeller part number, go to page 105, Upgrade to a Jabsco Impeller, and check for a Jabsco Replacement Impeller part number.
- 4. If you have the impeller in front of you:

Identify the impeller profile Code Letter by placing the impeller on the profiles on pages 98-100.

- Go to pages 101-102, Selection Table by Profile.
- Measure the Depth (see Chart A).
- Identify the Drive (see Chart B).
- Measure the Shaft Diameter (see Chart A).
- Select the material.
- Read off the part number.
- 5. If you do not have the impeller in front of you, but you can ask someone who does:
  - Go to pages 103-104, Selection Table by Dimensions.
  - How many blades are there?
  - What is the outside diameter? (see Chart A).
  - What type of Drive is it? (see Chart B).
  - What is the Depth? (see Chart A).
  - What is the Shaft Diameter? (see Chart A).
  - Which material do they need?
  - Read off the part number.

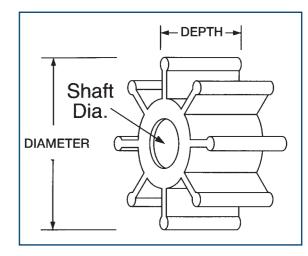


CHART A - Measuring Your Impeller

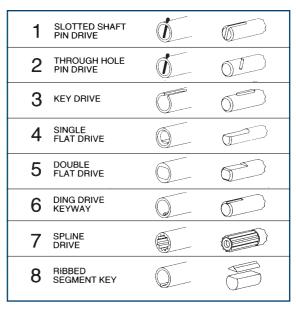


CHART B - Identifying the Impeller Drive

#### Flexible Impeller Removal Tool

The Flexible Impeller Removal Tool is the easiest way to remove impellers, especially when the pump is mounted in tight and cramped conditions.

- Simple three stage operation easily removes the impeller.
- Removes the risk of expensive damage to the pump.
- Manufactured from corrosion resistant cast aluminum and stainless steel.
- Two models fit all impellers.

  Size: 6" x 1" x 8" max (15cm wide x 2cm deep x 20cm high).

Weight: 1.1lb (0.5kg)
 50070-0040 Suitable for impellers up to 2<sup>1</sup>/<sub>2</sub>" (65mm) diameter.

**50070-0200** Suitable for impellers from  $2^{1}/2^{*}$  (65mm) to  $4^{1}/2^{*}$  (118mm) diameter.

**50070-0080** Compact version suitable for impellers up to 2<sup>1</sup>/<sub>4</sub>" (57mm) diameter.



GG

W

X

Impeller Profiles

M

li	mpeller		Drive	Number			nsions		Shaft Di	Insert	
Туре	Number	Material	Type	of Blades	Diam in	neter mm	Wi in	dth	in	mm	Material
.7		N	4					mm		mm	D *
	1414-0001-P	Neoprene	4	6	11/4	32	15/32	12	% <sub>6</sub>	8	Brass*
Α	1414-0003-P	Nitrile	4	6	11/4	32	15/32	12	¾ <sub>6</sub>	8	Brass*
	12104-0001B	Neoprene	2	6	1¼	32	15/32	12	%6	8	Brass
	21414-0001-P	Neoprene	4	6	11/4	32	15/32	12	%6	8	Brass
		l		r use with Ya				1	F.		
В	14750-0001B	Neoprene	4	8	1¼	32	15/32	12	%6	8	Brass*
	14750-0003-P	Nitrile	4	8	11/4	32	15/32	12	%6	8	Brass*
	14609-0001B	Neoprene	4	6	1¼	32	15/32	12	%6	8	Brass*
С	14609-0003	Neoprene	4	6	1¼	32	15/32	12	%6	8	Brass*
	14787-0001B	Neoprene	4	6	1¼	32	15/32	12	%6	8	Plastic*
CC	31130-0061-P	Neoprene	7	10	21%2	66	211/16	68	%	16	Brass‡‡
	4528-0001-P	Neoprene	1 or 2	6	1%6	40	3/4	19	3%	9.5	Brass
D	4528-0003-P	Nitrile	1 or 2	6	1%	40	3/4	19	¾	9.5	Brass
	17255-0003-P	Nitrile	_	6	1%6	40	3/4	19	1/4	6.4	None†
	22405-0001-P	Neoprene	1	6	1%6	40	3/4	19	15/32	12	Brass
	9200-0011B	Neoprene	4	10	1%6	40.5	3/4	19	5∕16	8	Plastic*
F	9200-0003B	Nitrile	4	10	111%2	40.5	3/4	19	%6	8	Plastic*
· ·	9200-0021B	Neoprene	4	10	111%2	40.5	3/4	19	%6	8	Brass
	9200-0023-P	Nitrile	4	10	111%2	40.5	3/4	19	%6	8	Brass
	653-0001-P	Neoprene	1	6	2	51	7∕8	22	15/32	12	Brass
	673-0001-P	Neoprene	1 or 2	6	2	51	7∕8	22	1/2	12.7	Brass
	(6	573-Series Imp	oellers ma	y be replaced	d with the i	newer 1867	73-Series –	See Impell	er Type I)		
G	4527-0003B	Nitrile	2	6	2	51	7/8	22	%6	8	None
, G	5616-0001-P	Neoprene	6	6	2	51	7/8	22	1/2	12.7	Brass
	7273-0001-P	Neoprene	4	6	2	51	7/8	22	%6	8	Plastic
	273-0003-P	Nitrile	4	6	2	51	7∕8	22	%6	8	Plastic
	22799-0001-P	Neoprene	3	6	2	51	7/8	22	1/2	12.7	Brass
GG	18958-0001-P	Neoprene	3	12	31/4	82.5	257/64	73.4	25/32	21	Brass
	6303-0001-P	Neoprene	4	6	2	51	7%	22	%6	8	Plastic
Н	6303-0003-P	Nitrile	4	6	2	51	7/8	22	5/16	8	Plastic
	17486-0001	Neoprene	6	6	2	51	7∕8	22	1/2	12.7	Brass**
НН	18777-0001-P	Neoprene	7	10	21/4	57	2	51	5/8	16	Brass
	18653-0001-P	Neoprene	1	10	2	51	7∕8	22	5⁄32	12	Brass
- 1	18673-0001-P	Neoprene	1 or 2	10	2	51	7/8	22	1/2	12.7	Brass
	18673-0003-P	Nitrile	1 or 2	10	2	51	7/8	22	1/2	12.7	Brass
	1210-0001-P	Neoprene	7	12	21/4	57	11/4	31.5	5/8	16	Brass
	1210-0003-P	Nitrile	7	12	21/4	57	11/4	31.5	5/8	16	Brass
	4568-0001-P	Neoprene	3	12	21/4	57	11/4	31.5	5%	16	Brass
	4568-0003-P	Nitrile	3	12	21/4	57	11/4	31.5	5%	16	Brass
	5929-0001-P	Neoprene	6	12	21/4	57	11/4	31.5	1/2	12.7	Brass
K	5929-0003-P	Nitrile	6	12	21/4	57	11/4	31.5	1/2	12.7	Brass
	13554-0001-P	Neoprene	7	12	21/4	57	12%2	48.4	5/8	16	Brass
	14281-0001-P	Neoprene	5	12	21/4	57	11/4	31,5	5/8	16	Plastic
	22120-Series	Neoprene	7	12	21/4	57	2	51	5/8	16	Brass
		120-Series Im		l .	l		l .	1		1	
L	3085-0001-P	Neoprene	7	10	21/4	57	11/4	31,5	1/2	12,7	Brass
		,									

# Section Table by Profile

_1	mpeller		Drive	Number		Dime	nsions		Shaft Di	ameter	Insert Material
	<del>,                                     </del>	Material	Type	of Blades		neter		dth			
Туре	Number		турс	Of blades	in	mm	in	mm	in	mm	Material
	920-0001-P	Neoprene	7	8	2%6	65	2	51	%	16	Brass
	920-0003-P	Nitrile	7	8	2%6	65	2	51	%	16	Brass
	920-0008B	Natural Rubber	7	8	2%6	65	2	51	%	16	Brass‡
М	4598-0001-P	Neoprene	3	8	2%6	65	2	51	%	16	Brass
IVI	4598-0003-P	Nitrile	3	8	2%6	65	2	51	%	16	Brass**
	6056-0003-P	Nitrile	6	8	2%6	65	2	51	%	16	Brass**
	11979-0001-P	Neoprene	7	8	2%6	65	11/16	36.5	%	16	Brass
	17018-0001-P	Neoprene	7	8	2%6	65	3	76.2	%	16	Brass
	836-0001-P	Neoprene	7	9	3¾	95	2½	63	1	25.4	Brass
	836-0003-P	Nitrile	7	9	3¾	95	2½	63	1	25.4	Brass
0	836-0008-P	Natural Rubber	7	9	3¾	95	2½	63	1	25.4	Brass‡
	6760-0001B	Neoprene	7	9	3¾	95	3½	88.9	1	25.4	Bras
	6760-0003-P	Nitrile	7	9	3¾	95	3½	88.9	1	25.4	Brass
	17370-0001-P	Neoprene	5	12	3¾	95	3½	88.9	1	25.4	Plastic
Q	17935-0001-P	Neoprene	7	12	3¾	95	2½	63	1	25.4	Brass
Ų	17936-0001-P	Neoprene	7	12	3¾	95	3½	88.9	1	25.4	Brass
	17938-0001-P	Neoprene	7	12	3¾	95	3¾	95	1	25.4	Brass
	17240-0001B	Neoprene	7	9	4%	118	3½	88.9	1	25.4	Brass
R	18786-0001B	Neoprene	5	9	4%	118	3½	88.9	1	25.4	Plastic
	18789-0001	Neoprene	7	9	4%	118	3½	88.9	1	25.4	Brass
U	2999-0001B	Neoprene	7	13	5	127	4	101.6	1 1/2	38	Brass
W	18838-0001-P	Neoprene	3	12	21/16	62	11/4	31.5	%	16	Brass††
Х	18948-0001-P	Neoprene	3	12	2%6	65	1%	41.4	%	16	Brass††
	17937-0001-P	Neoprene	7	10	2%6	65	2	51	%	16	Brass
	17937-0003-P	Nitrile	7	10	2%6	65	2	51	%	16	Brass
Υ	17954-0001-P	Neoprene	4	10	2%6	65	2	51	3/4	19	Brass‡‡
	17956-0001-P	Neoprene	6	10	2%6	65	2	51	%	16	Brass
	18327-0001-P	Neoprene	3	10	2%6	65	2	51	%	16	Brass††
Z	30919-0001	Neoprene	5	12	31/16	77	3	76.2	13/16	20	Brass

- \* Insert material was different † Impeller molded on shaft ‡ For low temperature to 27°F (120°F (max))
- \*\* Extended Drive sleeves †† Sherwood replacement Impeller ‡‡ Mercruiser replacement



# Section Table by Dimensions

JABSCO®
JADJUU

	Dime	nsions			Shaft Dir	mensions				Impelle	ır
Number	Diar	neter	Drive	Diar	neter	Wi	dth	   Material	Insert	Impene	
of Blades	in	mm	Туре	in	mm	in	mm	]	Material	Number	Туре
6	11/4	32	4	15/32	12	%6	8	Neoprene	Brass*	1414-0001-P	А
	11/4	32	4	15/32	12	%6	8	Nitrile	Brass*	1414-0003-P	А
	11/4	32	2	15/32	12	%6	8	Neoprene	Brass	12104-0001B	А
	1¼	32	4	15/32	12	%6	8	Neoprene	Brass	21414-0001-P	А
	1¼	32	4	15/32	12	5∕16	8	Neoprene	Brass*	14609-0001B	С
	1¼	32	4	15/32	12	%6	8	Neoprene	Brass*	14609-0003	С
	11/4	32	4	15/32	12	%6	8	Neoprene	Plastic*	14787-0001B	C
	1%6	40	1 or 2	3/4	19	%	9.5	Neoprene	Brass	4528-0001-P	D
	1%6	40	1 or 2	3/4	19	¾	9.5	Nitrile	Brass	4528-0003-P	D
	1%6	40	-	3/4	19	1/4	6.4	Nitrile	None†	17255-0003-P	D
	1%6	40	1	3/4	19	15/32	12	Neoprene	Brass	22405-0001-P	D
	2	51	1	7∕8	22	15/32	12	Neoprene	Brass	653-0001-P	G
	2	51	1 or 2	7/8	22	1/2	12.7	Neoprene	Brass	673-0001-P	G
	2	51	2	7∕8	22	5∕16	8	Nitrile	None	4527-0003B	G
	2	51	6	7∕8	22	1/2	12.7	Neoprene	Brass	5616-0001-P	G
	2	51	4	7∕8	22	5∕16	8	Neoprene	Plastic	7273-0001-P	G
	2	51	4	7∕8	22	%6	8	Nitrile	Plastic	7273-0003-P	G
	2	51	3	7∕8	22	1/2	12.7	Neoprene	Brass	22799-0001-P	G
	2	51	4	7∕8	22	%6	8	Neoprene	Plastic	6303-0001-P	Н
	2	51	4	7∕8	22	%6	8	Nitrile	Plastic	6303-0003-P	Н
	2	51	6	7∕8	22	1/2	12.7	Neoprene	Brass**	17486-0001	Н
8	11/4	32	4	15/32	12	%6	8	Neoprene	Brass*	14750-0001B	В
	11/4	32	4	15/32	12	%6	8	Nitrile	Brass*	14750-0003-P	В
	2%6	65	7	2	51	%	16	Neoprene	Brass	920-0001-P	M
	2%6	65	7	2	51	%	16	Nitrile	Brass	920-0003-P	M
	2%6	65	7	2	51	%	16	Natural Rubber	Brass‡	920-0008B	M
	2%6	65	3	2	51	%	16	Neoprene	Brass	4598-0001-P	M
	2%6	65	3	2	51	%	16	Nitrile	Brass**	4598-0003-P	M
	2%6	65	6	2	51	%	16	Nitrile	Brass**	6056-0003-P	M
	2%6	65	7	17/16	36.5	%	16	Neoprene	Brass	11979-0001-P	M
	2%6	65	7	3	76.2	%	16	Neoprene	Brass	17018-0001-P	M
9	3¾	95	7	2½	63	1	25.4	Neoprene	Brass	836-0001-P	0
	3¾	95	7	2½	63	1	25.4	Nitrile	Brass	836-0003-P	0
	3¾	95	7	2½	63	1	25.4	Natural Rubber	Brass‡	836-0008-P	0
	3¾	95	7	3½	88.9	1	25.4	Neoprene	Brass	6760-0001B	0
	3¾	95	7	3½	88.9	1	25.4	Nitrile	Brass	6760-0003-P	0
	4%	118	7	3½	88.9	1	25.4	Neoprene	Brass	17240-0001B	R
	4%	118	5	3½	88.9	1	25.4	Neoprene	Plastic	18786-0001B	R
	4%	118	7	3½	88.9	1	25.4	Neoprene	Brass	18789-0001	R

JABSC0°

# Section Table by Dimensions

Number		nsions	Drive			mensions			Insert	Impeller	
of Blades	- AMERICA	neter	Type		neter	100	dth	Material	Material	Number  31130-0061-P  9200-0011B  9200-0021B  9200-0023-P  18777-0001-P  18653-0001-P  18673-0001-P  17937-0001-P  17937-0001-P  17937-0001-P  17956-0001-P  1210-0001-P  1210-0003-P  4568-0001-P  1210-0003-P  4568-0001-P  1210-0001-P  1210-0003-P  17935-0001-P  17935-0001-P  17936-0001-P  17936-0001-P  17938-0001-P  17938-0001-P  17938-0001-P  17938-0001-P  17938-0001-P  17938-0001-P  17938-0001-P  18838-0001-P  18948-0001-P	Туре
10	in 21%a	mm 66	7	in	mm 68	in %	mm	Magazana	Duncath		CC
Number of Blades 10 12	2001	157-711	7	21%	7777	1337	16	Neoprene	Brass‡‡		
	11%	40.5	4	*	19	%s	8	Neoprene	Plastic*		F
	11%2	40.5	4	*	19	X.	8	Nitrile	Plastic*		F
	11%	40.5	4	*	19	No.	8	Neoprene	Brass		F
	11%	40.5	4	*	19	%a	8	Nitrile	Brass		F
-	2%	57	7	2	51	*	16	Neoprene	Brass		НН
	2	51	1	74	22	<b>%</b> u	12	Neoprene	Brass		I
	2	51	1 or 2	74	22	16	12.7	Neoprene	Brass		- 1
	2	51	1 or 2	74	22	Ж	12.7	Nitrile	Brass	18673-0003-P	
	2%	57	7	1%	31.5	Ж	12.7	Neoprene	Brass	3085-0001-P	L
	2%	65	7	2	51	*	16	Neoprene	Brass	17937-0001-P	Υ
	2%	65	7	2	51	- %	16	Nitrile	Brass	17937-0003-P	Υ
	2%	65	4	2	51	%	19	Neoprene	Brass‡‡	17954-0001-P	Υ
	2%	65	6	2	51	%	16	Neoprene	Brass	17956-0001-P	Υ
	2%	65	3	2	51	%	16	Neoprene	Brass††	18327-0001-P	Υ
12	3%	82.5	3	257/4	73.4	11/32	21	Neoprene	Brass	18958-0001-P	GG
20.747	2%	57	7	1%	31.5	%	16	Neoprene	Brass	1210-0001-P	K
	2%	57	7	1%	31.5	*	16	Nitrile	Brass	1210-0003-P	K
	2%	57	3	1%	31.5	*	16	Neoprene	Brass	4568-0001-P	K
	2%	57	3	1%	31.5	%	16	Nitrile	Brass	4568-0003-P	K
	2%	57	6	1%	31.5	Ж	12.7	Neoprene	Brass	5929-0001-P	K
	2%	57	6	1%	31.5	1/4	12.7	Nitrile	Brass	5929-0003-P	K
	2¼	57	7	121/12	48.4	%	16	Neoprene	Brass	13554-0001-P	K
	2%	57	5	1%	31.5	*	16	Neoprene	Plastic	14281-0001-P	K
	2%	57	7	2	51	×	16	Neoprene	Brass	22120-Series	K
	3%	95	5	3%	88.9	1	25.4	Neoprene	Plastic	17370-0001-P	Q
	3%	95	7	2%	63	1	25.4	Neoprene	Brass	17935-0001-P	Q
	3%	95	7	3%	88.9	1	25.4	Neoprene	Brass	17936-0001-P	Q
	3%	95	7	3%	95	1	25.4	Neoprene	Brass	17938-0001-P	Q
	2%	62	3	1%	31.5	%	16	Neoprene	Brass††	18838-0001-P	W
-	2%	65	3	1%	41.4	%	16	Neoprene	Brass††		Х
	31/16	77	5	3	76.2	13%6	20	Neoprene	Brass		Z
13	5	127	7	4	101.6	1%	38	Neoprene	Brass	2999-0001B	U



#### Flexible Impeller Removal Tool

The Flexible Impeller Removal Tool is the easiest way to remove impellers, especially when the pump is mounted in tight and cramped conditions.

- Simple three stage operation easily removes the impeller.
- Removes the risk of expensive damage to the pump.
- Manufactured from corrosion resistant cast aluminum and stainless steel.
- Two models fit all impellers.

Size: 6"x 1" x 8" max (15cm wide x 2cm deep x 20cm high).

Weight: 1.1lb (0.5kg).

 $\textbf{50070-0040} \quad \text{Suitable for impellers up to } 2^{1}/2^{\text{"}} \text{ (65mm) diameter.}$ 

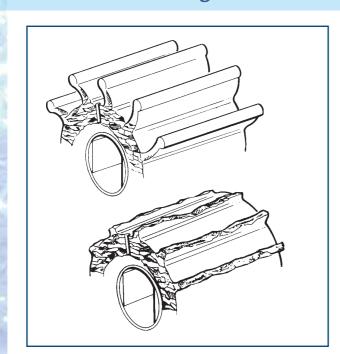
**50070-0200** Suitable for impellers from  $2^1/2^n$  (65mm) to  $4^1/2^n$  (118mm) diameter. **50070-0080** Compact version suitable for impellers up to  $2^1/4^n$  (57mm) diameter.

# Upgrade to a Jabsco Impeller

Jabsco impellers are perfect replacements in other makes of bronze flexible impeller pumps such as Johnson, Yanmar, Sherwood, Yamaha, Mercruiser, Vetus, Ancor and CEF. The following cross reference chart identifies the Jabsco impellers that will serve as direct replacements. They will produce the same flow rate and will also provide the quality and long life expected from a genuine Jabsco impeller. If your impeller is not listed here, try following the impeller identification procedures on page 133.

Jabsco	Volvo	Yanmar	Yamaha	Johnson	Sherwood	Vetus	Mercruiser	Crusader	Ancor	CEF	Oberdorfer	Onan	Perkins USA
653-0001				09-810B		IMP00801				500101			
673-0001	804696 / 897055 / 875808-8			09-1026B						500116			
673-0003				09-1026B-9						500216			
836-0001				09 <b>-</b> 1029B		IMP00901			J050005	500105			
836-0003				09-1029B-9					J050405	500205			
920-0001	801277 / 825941 / 877061 <b>-</b> 2			09-1028B					500106				
920-0003										500206			
1133-0001				09-1028B-9					J050001				
1210-0001	860203 / 3856039-7 / 875811-2	129470-42530		09-1027B		IMP00201			J050007	500107		132-0162	0460038
1210-0003				09-1027B-9					J050407	500207			
3085-0001													24880190
4528-0001	803729 / 875807-0 / 876554-7	104211-42070		09-806B	9979	IMP00501			J050010	500100		132-0859	24990272
4528 <b>-</b> 0003										500201			
4568-0001	831182 / 875575-3	124310-46090		09-801B						500108			
4568-0003										500208			
4598-0001										500102	6603		
4598-0003										500202			
6303-0001										500110	6617		
6303-0003				09 <b>-</b> 824P					J050011	500210			
6760-0001				09 <del>-</del> 802B					JP50015	500145			
6760-0003										500245			
13554 <b>-</b> 0001				09 <del>-</del> 812B									
17935-0001	875660 875736-1 825942 807904			09-819B							J050035	500135	7054
17935-0003				09-819B-9					J050435				
17936-0001	875814-6 875697 845796 844683 842857			09 <b>-</b> 814B		IMP00801			J050045	500145			0460027
17937-0001	801277 / 825941 / 877061-2	127610-42200		09-1028B	18200	IMP00301			J050009	500114	7441		0460024 / 24880031
17937-0003													
7954-0001*							47-59362			500214			
18327-0001					15000								
18673-0001													24880194
18838-0001	835512-5		YSC-101-03-01-0C		9959			1003026	J050003	500103	132-0317	132 <b>-</b> 0117/ 24880178	NA900010
18948-0001	835874-9		6TA-12457-00		10615			20300	J050020	500120	8922		NA900012
18958-0001					17000								
21414-0001		128170-42070							J050013	500113			
22120-0001	834794 876120-7			00 0000		IMPORCE			J050022	500104			
22405-0001	875583-7 / 833995			09-808B		IMP00601			J050021	500121			
22799-0001		124223-42091				IMP00101			J050016	500129			
31130-0061							47-831311350						

## Trouble Shooting Guide



#### **Trouble Shooting 1**

**Symptons:** ■ End faces hard and either polished or cracked, like carbon.

■ Some or all blades completely missing.

Cause:

■ Dry running, lack of water in pump.

■ Temporary suction blockage.

■ Leaking suction plumbing.

■ Do not run pump for more than 20 seconds

■ Install a liquid sensor/temperature alarm.

■ Check suction plumbing, strainers, and thru-hull fittings for blockages and leakage.

■ Arrange discharge plumbing to trap liquid in

## Trouble Shooting Guide

## JABSCO\*

#### **Trouble Shooting 4**

**Symptons:** Impeller appears to have swollen.

■ Blades appear wider than impeller hub.

■ Rubber may feel sticky.

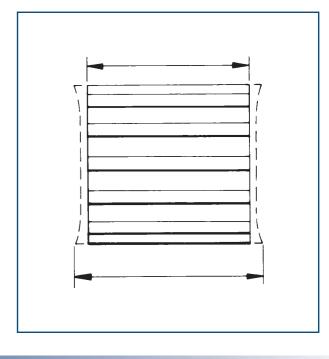
Cause:

■ Chemical attack, more common with oily bilge water or diesel transfer.

■ Ensure impeller is rinsed after use.

■ Remove impeller when not in use.

■ Remove impeller for long term storage.



#### **Trouble Shooting 2**

**Symptons:** Pieces missing from the middle of blade tips.

■ Blade edges are hollowed out.

■ Pitting is evident on cam and the inside of pump ports, and on ends of impeller.

Cause:

■ Cavitation, i.e. too much vacuum on inlet is causing water to boil inside pump.

■ Reduce pump speed.

Increase inlet plumbing diameter.

■ Reduce inlet plumbing length and remove unnecessary

■ Reduce cam thickness.

#### **Trouble Shooting 5**

**Symptons:** Blades have some or severe permanent set.

Cause:

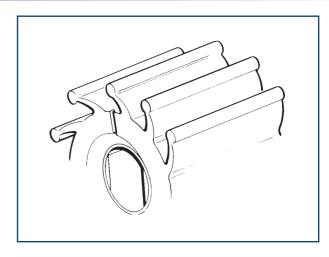
■ Normal use of impeller.

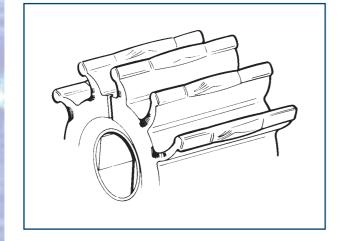
Long term storage in pump. ■ Normal end of impeller life.

■ Refit impeller to rotate in opposite direction.

■ Remove impeller for long term storage.

■ Replace impeller.





#### **Trouble Shooting 3**

**Symptons:** Worn blade tips, cam imprint on edges.

■ Worn end faces.

■ Worn impeller drive and shaft wear.

Abrasive wear from fluid in pump.

■ Heat exchanger/cooler blockage. High discharge pressure.

■ Check discharge plumbing for partial blockages.

■ Increase discharge pipe diameter.

#### **Trouble Shooting 6**

**Symptons:** ■ Blades cracked about half way up the length.

Some of blades missing.

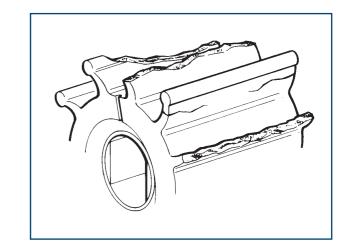
Reduced flow.

■ Normal end of impeller life.

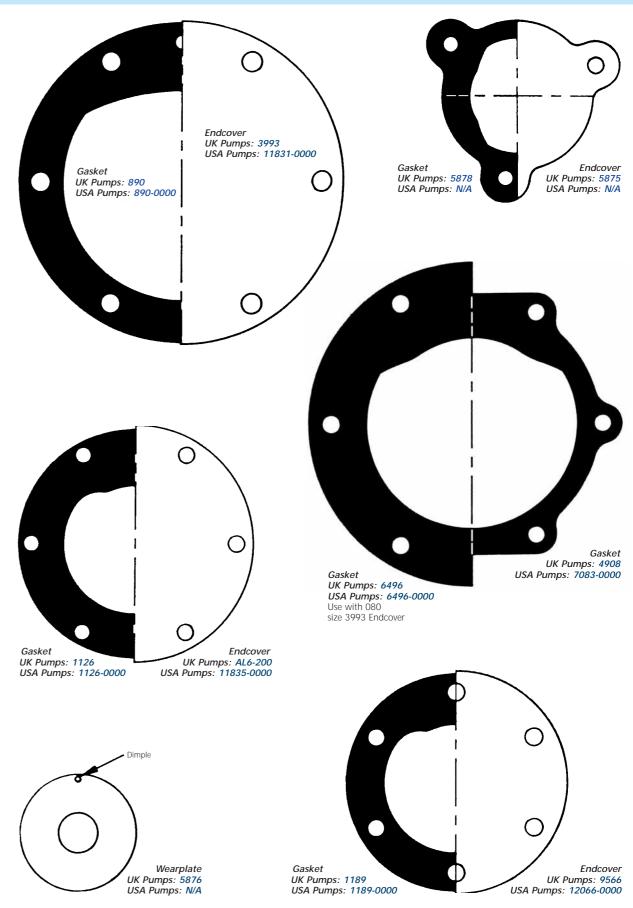
High discharge pressure.

Replace impeller, check for impeller pieces in discharge plumbing.

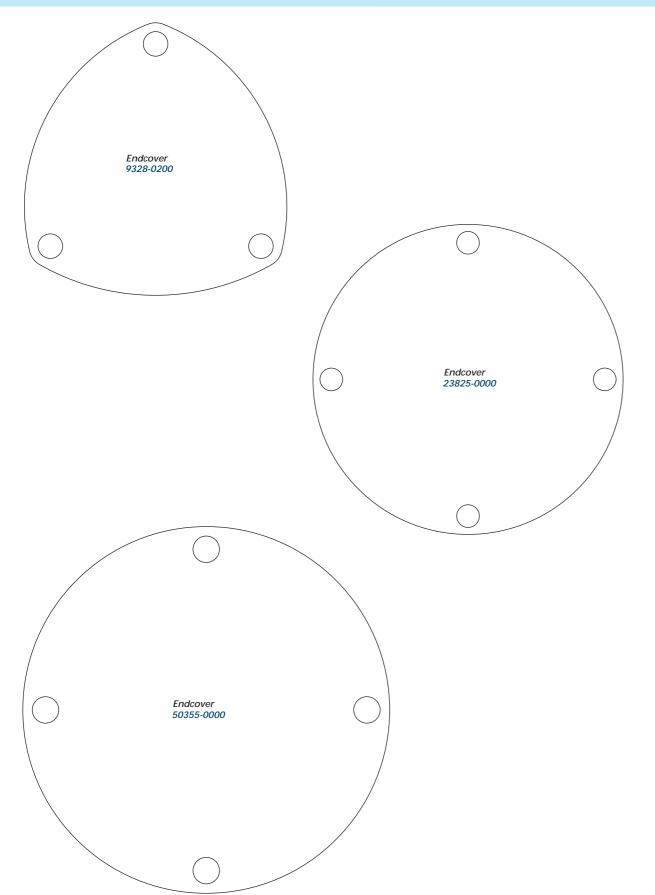
■ Reduce outlet restrictions or increase outlet plumbing diameter.

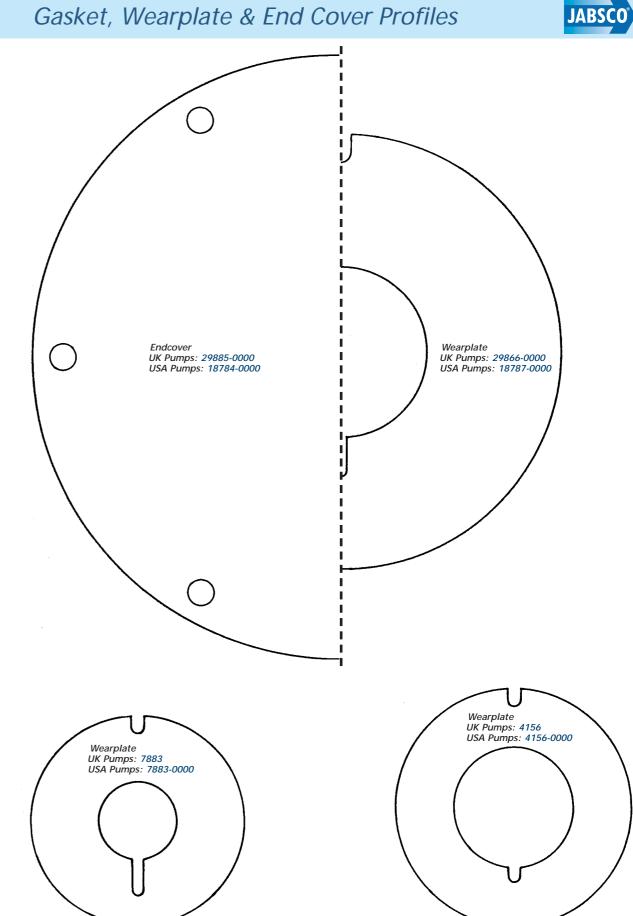




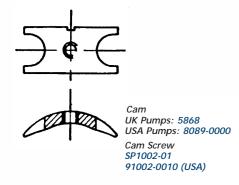


Service Parts

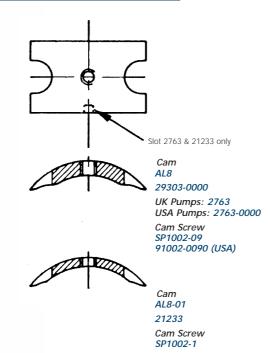




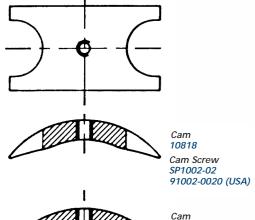
#### Size Group 005



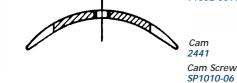
#### Size Group 010



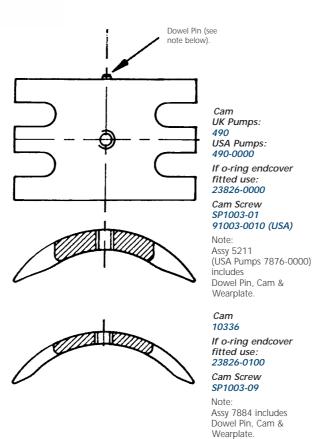
### Size Group 020



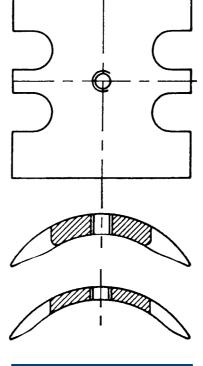
Cam
UK Pumps:
2907-0001
USA Pumps: 2907-0000
Cam Screw
SP1002-09
91002-090 (USA)



#### Size Group 040



#### Size Group 060



Cam UK Pumps: 22318 USA Pumps: 18753-0000 Cam Screw SP1004-11 91004-0110 (USA)

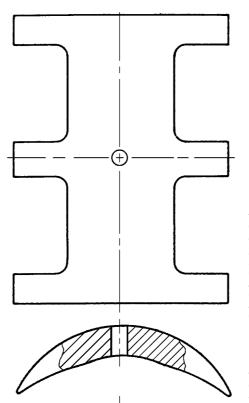
If o-ring endcover

fitted use: Cam 22318-0100 O-ring 92000-1403 Cam Screw X3003-149K

Cam UK Pumps: 22308 USA Pumps: 22308-0000 Cam Screw

Cam Screw SP1004-10 91004-0100 (USA)

#### Size Group 120

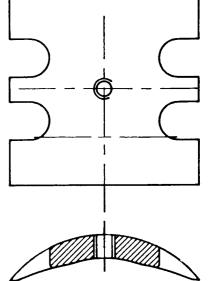


Cam 23341-0000 Cam Screw SP1004-09

If o-ring endcover fitted use: Cam 23341-0001 O-ring X4020-269A Cam Screw SP1004-09

Cam 23342-0000 Cam Screw SP1004-09

## Size Group 080



UK Pumps: 934 USA Pumps: 934-0000 Cam Screw

Cam Screw SP1004-09 91004-0090 (USA)

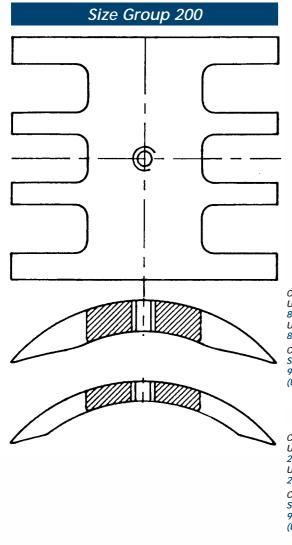
If o-ring endcover fitted use: Cam

53082-0000 O-ring X4020-269A Cam Screw X3003-176F

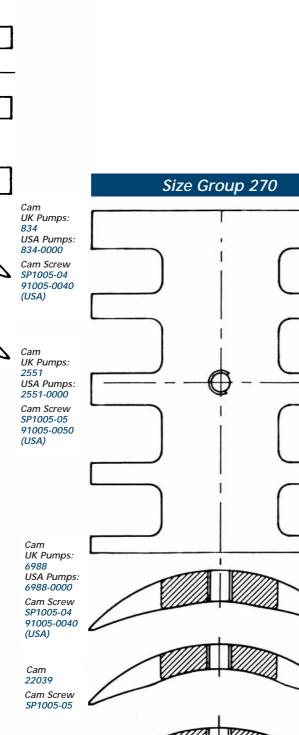
Cam
UK Pumps:
3255
USA Pumps:
3255-0000
Cam Screw
SP1004-0110 (USA)

Cam
UK Pumps:
2431
USA Pumps:
2431-0000
Cam Screw
SP1004-10

91004-0100 (USA)

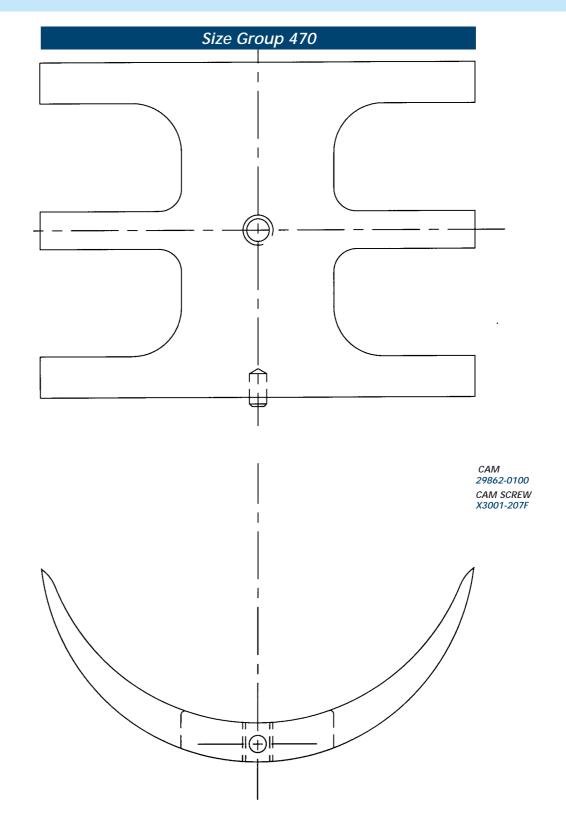


Cam Profiles



Cam 22268

Cam Screw SP1005-05



Service Parts

	(ES) Key No 1. Junta 2. Impulsor	3 Sello
	Key No 1. Pakning 2. Impeller	3 Tätning
	Key No 1. Papier 2. Waaler	3 Asdichting
	Key No 1. Guarnizone 2. Girante	
2 5 6 (14) (12) 3 (10) (10) (10) (10) (10) (10) (10) (10)	Key No 1. Deckelditchtung 2. Impeller	3 Wellenditchting
	Key No 1. Joint 2. Impulseur	3 Garniture
	ket seller	ter seal

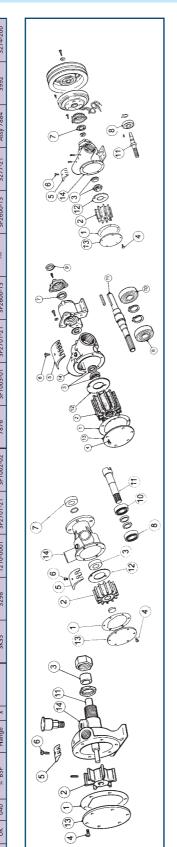
(ES)	Key No  1. Junta 2. Impulsor 3. Sello 4. Tornillo 5. Leva 6. Tornillo de la leva 7. Sello interno cojine 8. Cojinete interno 9. Sello cojinete externo 10. Cojinete externo 11. Eje 12. Disco de degaste 13. Apa 14. Cuerpo de la bomba
SE	Key No  1. Pakning 2. Impeller 3. Tätning 4. Skruv 5. Kam 6. Kamskruv 7. Lapptating 8. Inre lager 9. Yttre lager 10. Yttre lager 11. Axel 12. Slitbricka 13. Lock 14. Pumphus
	Key No  1. Papier 2. Waaier 3. Asdichting 4. Deksel schroeven 5. Kam 6. Kam Schroef 7. Simmer ring 8. Kogellager 9. Simmer Ring 11. As 12. Slijpplaat 13. Einddeksel 14. Pomp Huis
E	Key No  1. Guarnizone 2. Girante 3. Tenuta 4. Vill coperchio 5. Camme 6. Vite camme 7. Tenuta intereno 7. Tenuta cuscine 8. Cuscinetto interno 9. Tunuta cuscinetto esterno 10. Cuscinetto esterno 11. Albero 12. Plastra d'usura 13. Coperchio 14. Corpo pomp
(DE)	Key No  1. Deckelditchtung  2. Impeller  3. Wellenditchtung  4. Deckel schraube  5. Exzenter  6. Exzenterschraube  7. Lagerditchtung innen  8. Kugellager innen  9. Lagererditchtung aussen  10. Kugellager aussen  11. Welle  12. Verschleissplatte  13. Dekelschraube  14. Pumpengehäuse
(H)	Key No  1. Joint 2. Impulseur 3. Garniture 4. Vis de couvercle 5. Came 6. Vis de came 7. Joint a levre 8. Roulement interieur 9. Joint exterieur 10. Roulement exterieur 11. Arbre 12. Plaque d'usure 13. Couvercle 14. Corps de pompe
(S)	Key No  1. Gasket 2. Impeller 3. Water seal 4. End cover screw 5. Cam 6. Cam screw 7. Pump end oil seal 8. Pump end bearing 9. Drive end bearing 11. Shaft 12. Wearplate 13. Endcover 14. Body

No.   19   19   19   19   19   19   19   1		r	٠ŀ	ŀ		[	ווע ווע ווע	t					GENERAL	7 7 7	FARIS CISIIN	וכ			
10   1   1   1   2   2   2   2   2   2   2	010				Kit Number		*OEM supply only		End Cover Screws	Cam	Cam Screw	Pump End Oil Seal	Pump End Bearing	Drive End Oil Seal	Drive End Bearin	Shaft	Wearplate	Endcover	Body OEM supply only
1.   1.   1.   1.   1.   1.   1.   1.	010		40		Key	-	2	3	4	2	9	7	8	6	10	11	12	13	14
1, 10,   10,   1, 12,   1, 1	0		oot		SK1	1126	4528-0001	AL22	SP1002-01	AL8	SP1002-02	-	-	i	-	AL10	I	AL6-200	AL4-200@120
UK   040	010		T		SK1	1126	4528-0001	AL22	SP1002-01	AL8-01	SP1002-09	1	!	i	1	AL10	ı	AL6-200	AL4-200
1, 14,   100   1, 15, 15, 15, 15, 15, 15, 15, 15, 15,	010		7	_	SK1-37	1126	4528-0003	AL22	SP1002-01	AL8	SP1002-02	1	-	-	1	AL10	ı	AL6-200	AL4-200
1. K   100   K   189   Foot   X   104   1.20   1.20   1.20   2.	UK 020		Ť		SK2	2995-0030	4527-0001	B22	SP1002-01	2907-0001	SP1002-02	-	-	1	i	B10	1	3992	B8-200
1 KK   0.00   W.1879   Foot   X.   Diff-\$4.200   \$32.20   70.601   4398-0001   3799;   \$1910-84.00   3791   4110-84.00   3700-84.00	UK 040		oot		SK220	109-01	4598-0001	C20	SP1003-02	934	SP1004-01	!	1	i	I	D10-01	I	D6-01-200	JD4-200
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	UK 040	_		_	SK220	706-01	4598-0001	3791	SP1003-02	934	SP1004-01	!	1	1	1	D10-201	I	D6-01-200	JD4-200
1	UK 040			-	SK220	706-01	4598-0001	3791	SP1003-02	2431	SP1004-09	!	!	i	i	D10-01	I	D6-01-200	JD4-200
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	UK 040			_	SK220	706-01	4598-0001	C20	SP1003-02	934	SP1004-01	1	1	i	i	D10-01	1	D6-01-200	JD4-200
1.5   1.5	. UK 040				SK220-37	706-01	4598-0003	C20	SP1003-02	934	SP1004-01	-	-		-	D10-01	I	D6-01-200	JD4-200
U. M. 68   1.1 NMT   Fort   Fort   Story Color   Story C	080		oot		90010-0001	890-0000	_	_	91003-0010	934-0000	91004-0090	913-0000	92600-0540	914-0000	1	6718-0000	4156-0000	11831-0000	798-0020
USA         600         T.NAT         Foot         90118-0001         913-00000         913-0000         913-0000         913-0000	080		oot		90010-0003	890-0000			91003-0010	934-0000	91004-0090	913-0000	92600-0540	914-0000	-	6718-0000	4156-0000	11831-0000	798-0020
1.	080		oot		90118-0001	0000-068	_	_	91003-0010	934-0000	91004-0090	913-0000	92600-0540	914-0000	1	6718-0000	4156-0000	11831-0000	798-0020
U.S.   0.00   T.N.PT   Foot   90118-0001   898-0000   3220-0001   9103-0000   9104-0000   913-0000   913-0000   914-0000	080		oot		90118-0003	890-0000			91003-0010	934-0000	91004-0090	913-0000	92600-0540	914-0000	ı	6718-0000	4156-0000	11831-0000	798-0020
USA         080         1 NMT         Foot         99118-0001         99118-0001         9914-0000	080		oot		90118-0001	0000-068	4		91003-0010	934-0000	91004-0090	913-0000	92600-0540	914-0000	1	17941-0000	4156-0000	11831-0000	798-0020
U.S.   0.00   1.1 NRT   Foot   2.0118-000   2423-000   1387-000   1960-000	080	H	oot		90118-0003	0000-068	Т	Н	91003-0010	934-0000	91004-0090	913-0000	92600-0540	914-0000	i	6718-0000	4156-0000	11831-0000	798-0020
1.   1.   1.   1.   1.   1.   1.   1.	080		oot		90118-0001	0000-068	_		91003-0010	934-0000	91004-0090	913-0000	92600-0540	914-0000	l	6718-0000	4156-0000	11831-0000	798-0020
USA         200         1½ 85 pt         Foot         x         SK11         816         88-6-001         118 H         \$\$1005-004         \$\$150000000         \$\$1005-004         \$\$1005-004         \$\$1005-004         \$\$1005-004         \$\$1005-004         \$\$10000000         \$\$1005-000	080		oot		90118-0001	2432-0000	-	Н	91003-0010	2431-0000	91004-0100	913-0000	92600-0540	914-0000	i	6718-0000	4156-0000	11831-0000	798-0020
19.4 200 1½ 85 pp. 10 1½ 85 pp. 10 1½ 85 pp. 10 1 15	200				SK11	816	836-0001	1814	SP1005-04	834-0000	91005-0040	817-0000	92600-0040	818-0000	1	824-0000	2574-0000	12062-0000	1
USA         040         % NFT         Foot         90015-0001         1835-0000         1270-0006         91003-0010         490-0001         91003-0010         1554-0000         9260-0039         —         —           USA         400         % NFT         Foot         90015-0001         1873-3-133         2700-0066         91003-0010         -         1873-3-139         -	200	H	Н		SK11	816	836-0001	1814	SP1005-04	2551-0000	91005-0050	817-0000	92600-0040	818-0000	i	824-0000	2574-0000	12062-0000	!
USA         040         % NPT         Foot         90015-0003         1835-0000         1200-0006         91003-0010         1554-000         91003-0010         1554-0130         -         1875-0130           USA         040         % NPT         Foot         90015-0001         1875-0133         1210-0001         92700-0066         91003-0010         -         1875-0130         -         1875-0130           USA         040         % NPT         Foot         90119-0001         1875-0133         1210-0001         92700-0006         91003-0010         -         1875-0130         -         1875-0130           USA         080         1 NPT         Foot         90118-0001         890-0000         92700-0006         91003-0010         9100-0000         920-0000         91003-0010         91000-0010         910000	040		oot		90015-0001	1835-0000		-	91003-0010	490-0001	91003-0010	1554-0000	92600-0330	-	1	1737-0410	1	11836-0000	9094-0000
USA         400         % NRT         Foot         90015-0001         87375-0133         1270-0001         97700-0406         91003-0010         — 18735-0130         <	040	H	oot		90015-0003	1835-0000		-	91003-0010	490-0001	91003-0010	1554-0000	92600-0330	i	1	1737-0410	ı	11836-0000	9094-0000
USA         400         % NPT         Foot         90015-0003         18733-0133         1210-0003         9200-0006         91003-0010          18733-0130	040		oot		90015-0001	18753-0133			91003-0010	490-0000	91003-0010	!	18753-0130		18753-0130	18753-0129	I	11836-0000	18753-0128
USA         080         ***NPT         Foot         90119-0001         1873-0133         1210-0001         91003-0010         91003-0010          1873-9133          1873-9133          1873-9133          1873-9133          1873-9133          1873-9133          1873-9130          1873-9133          1873-9133          1873-9133          1873-9133          1873-9133          1873-9133           1873-9133            1873-9133            1873-9133            1873-9133            1873-9133	040		oot		90015-0003	18753-0133	_	Н	91003-0010	490-0000	91003-0010	1	18753-0130	-	18753-0130	18753-0129	ı	11836-0000	18753-0128
USA         080         1*NPT         Foot         90118-0001         890-0000         77397-0001         934-0000         91004-0090         913-1000         93500-0060         —         —           USA         080         1*NPT         Foot         90118-0003         890-0000         972-0001         934-0000         91004-0090         913-0000         92600-0060         —         —           USA         080         1*NPT         Foot         90118-0003         890-0000         920-0003         91004-0010         91004-0090 <td>040</td> <td></td> <td>oot</td> <td></td> <td>90119-0001</td> <td>18753-0133</td> <td></td> <td></td> <td>91003-0010</td> <td>490-0000</td> <td>91003-0010</td> <td>-</td> <td>18753-0130</td> <td>-</td> <td>18753-0130</td> <td>18753-0129</td> <td>1</td> <td>11836-0000</td> <td>18753-0128</td>	040		oot		90119-0001	18753-0133			91003-0010	490-0000	91003-0010	-	18753-0130	-	18753-0130	18753-0129	1	11836-0000	18753-0128
USA         680         1**NPT         Foot         90118-0003         980-0000         970-003         970-003         970-0003 <td>080</td> <td></td> <td>oot</td> <td></td> <td>90118-0001</td> <td>890-000</td> <td>-</td> <td>-</td> <td>91003-0010</td> <td>934-0000</td> <td>91004-0090</td> <td>913-1000</td> <td>92600-0060</td> <td>1</td> <td>1</td> <td>6718-0001</td> <td>4156-0000</td> <td>11831-0000</td> <td>798-0030</td>	080		oot		90118-0001	890-000	-	-	91003-0010	934-0000	91004-0090	913-1000	92600-0060	1	1	6718-0001	4156-0000	11831-0000	798-0030
USA         080         1" NPT         Foot         90118-0001         890-0000         77937-001         9680-0080         91003-0010         91000-0060         913-0000         91000-0060         913-0000         91000-0060         913-0000         913-0000         913-0000         913-0000         913-0000         913-0000         913-0000         913-0000         91000-0000         913-0000         910000-0000         91000-0000         91000-0000	080		oot		90118-0003	890-000	_	=	91003-0010	934-0000	91004-0090	913-0000	92600-0060	1	1	6718-0001	4156-0000	11831-0000	798-0030
USA         200         1" NPT         Foot         90118-0003         91018-0003         950-0060         91008-0009         91008	080	+	oot		90118-0001	890-000	_	-	91003-0010	934-0000	91004-0090	913-0000	92600-0060	-	1	6718-0001	4156-0000	11831-0000	798-0030
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USA         200         1% Hanged         Hange         Hange         STACOOL         817-0000         91035-0040         91035-0061         91045-0060         91045-0060         91045-0060         91045-0060         91005-004	200	-	ange		90019-0001	T	17935-0001	-	91095-0060	834-0001	91005-0040	817-0000	92600-0040	-	1	2567-0000	2574-0000	12062-0000	1
UK         200         1% Baye         Foot         Foot <th< td=""><td>200</td><td>-</td><td>ange</td><td></td><td>90019-0001</td><td>Т</td><td>17935-0001</td><td>-</td><td>91095-0060</td><td>834-0001</td><td>91005-0040</td><td>817-0000</td><td>SP2700-50</td><td>-</td><td>-</td><td>2567-0000</td><td>2574-0000</td><td>12062-0000</td><td>-</td></th<>	200	-	ange		90019-0001	Т	17935-0001	-	91095-0060	834-0001	91005-0040	817-0000	SP2700-50	-	-	2567-0000	2574-0000	12062-0000	-
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USA         200         1% Hanged         Hange         90019-0001         816-0000         77935-0010         6408-0000         91095-0060         2510-000         91005-0040         92600-0040         —         —           USA         200         1% Hanged         Hange         90019-0001         816-0000         17935-001         6408-0000         91095-0060         817-0000         92600-0040         —         —           USA         200         1% Hanged         Hange         90019-0001         816-0000         17935-001         6408-0000         91005-0060         817-0000         92600-0040         —         —           UK         200         % BSP         Foot         X         2620-200         573-0001         58700-002         2997-0001         \$1000-0040         —         —         S7600-09           UK         020         % BSP         Foot         X         2620-200         573-0001         \$27700-05         \$1000-001         \$1000-004         —         —         —         S7600-09           UK         020         % BSP         Foot         X         2620-200         573-0001         \$27700-05         \$1000-001         —         —         —         —         —         S7200-09<	200	-	ange		90019-0001	816-0000	17935-0001	-	91095-0060	834-0001	91005-0040	817-0000	92600-0040	1	1	2567-0000	2574-0000	12062-0000	!
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# Flexible Impeller Pumps Spares by Pump Model 2620-252 to 3370-221

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	Body OEM supply only	14	2438-200	2438-200	2438-200	2438-200	2438-200	2438-200	2438-0000		2438-0000	2438-0000	18753-0122	18753-0122	2767-0000	2767-0000	Not for sale	Not for sale	Obsolete	3204-0000	9444	3204-0000	Proprietary	Proprietary	3274	3274-0000	3274-200	3274-200	3274-200	3274-200	3274-2100	3274-2100	3274-2100	3274-200	3274-200	3274-200	3274-200	3274-200	3284-200	3274-200	3274-201	3274-200
	Endcover	13	3992	3992	2623-254	3992	3992	3992	11830-0000	∅0000-011830-0000	11830-0000	11830-0000	11830-0000	11830-0000	12066-0000	12066-0000	12062-0000	12062-0000	11831-0000	12069-0000	9448	12069-0000	12062-0000	12062-0000	3275	11830-0000	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992
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,	Shaft	11	355-07-24	355-07-24	355-07-24	355-07-24	355-07-24	355-07-24	688-0240	688-0240	688-0240	688-0240	18753-0124	18753-0124	1053-0000	1053-0000	2567-0000	2567-0000	Obsolete	3207-0000	3207	3207-0000	2567-0000	2567-0000	3277	3277-0000	23396-0000	3277	3277	3277	3277	3277	3277	3277	3277	3277	3277	23027-0000	3277	5857	5857	3277-21
	Drive End Bearin	10	SP2600-09	SP2600-09	SP2600-09	SP2600-09	SP2600-09	SP2600-09	-	!	!	!	92600-0130	92600-0130	!	-	-	!		92600-0150	SP2600-15	92600-0150	!	!	SP2600-01	!	SP2601-0451	1	!	1	!	1	!	!	-	!	!	SP2601-0451		SP2600-13	SP2600-13	SP2600-13
IL FARI	Drive End Oil Seal	6	1	1	!	!	!	1	-	!	!	!	!	!	!	-	-	1	914-0000	-	SP2700-58	3213-0000	!	!	SP2700-58	!	!	!	!	!	!	!	!	!	-	!	-	!		-	!	ļ
GENERAL PARIS LISTING	Pump End Bearing	80	1	1	ı	1	1	1	92600-0330	92600-0330	92600-0330	92600-0330	92600-0130	92600-0130	92600-0080	92600-0080	92600-0040	92600-0040	92600-0060	92600-0160	SP2600-16	92600-0160	92600-0040	92600-0040	SP2600-01	92600-0070	SP2601-0451	SP2600-07	SP2600-07	SP2600-07	SP2600-07	SP2600-07	SP2600-07	SP2600-07	SP2600-07	SP2600-07	SP2600-07	SP2601-0451	SP2600-07	SP2600-13	SP2600-13	SP2600-13
	Pump End Oil Seal	7	1	1	ı	1	ı	1	3078-0000	3078-0000	3078-0000	3078-0000	1	1	1041-0000	1041-0000	817-0000	817-0000	913-0000	3214-0000	3214-0000	3214-0000	817-0000	817-0000	SP2701-21	92700-0180	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21
	Cam Screw	9	SP1002-09	SP1002-09	SP1002-01	SP1010-06	SP1002-09	SP1002-09	91002-0090	91002-0090	91002-0090	91002-0090	91002-0090	91002-0090	91002-0030	91002-0030	91005-0040	91005-0040	91003-0020	91006-0030	SP1006-03	91006-0030	91005-0040	91095-0040	SP1003-01	91003-0010	SP1003-09	SP1003-01	SP1003-01	SP1003-09	SP1003-01	SP1003-09	SP1003-01	SP1003-09	SP1003-01							
	Cam	2	2907-0001	2907-0001	2441	2441	2907-0001	2907-0001	2907-0000	2907-0000	2907-0000	2907-0000	2907-0001	2907-0001	4271-0000	4271-0000	834-0001	834-0001	7873-0000	3210-0000	3210	3210-0000	834-0001	834-0001	7876	7884-0000	10538	7876	7876	10538	7876	7876	7876	7876	7876	7876	7876	7876	10538	7876	10538	7876
	End Cover Screws	4	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	91002-0020	91002-0020	91002-0020	91002-0020	91002-0020	91002-0020	91002-0010	91002-0010	91006-0090	91006-0090	91003-0010	91006-0050	SP1006-05	91006-0050	91095-0060	91095-0060	SP1002-02	91002-0020	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02
AILV	Water Seal	3	SP2700-05	SP2700-05	SP2700-05	SP2700-05	SP2700-05	SP2700-05	92700-0050	92700-0050	92700-0050	92700-0050	92700-0050	92700-0050	92700-0110	92700-0110	6408-0000	6408-0000	92700-0070	3222-0000	9309	3222-0000	6408-0000	6408-0000	SP2701-21	92700-0060	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21
KII DEIAILS	Impeller *OEM supply only	2	673-0001	673-0001	673-0001	673-0001	673-0001	673-0001	18673-0001	18673-0003	18673-0001	18673-0003	18673-0001	18673-0003	4528-0001	4528-0003	17935-0001	17935-0001	17937-0001	2999-0001	2999-0001	2999-0001	17935-0001	17935-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001
SERVICE	Gasket/ O Ring		2995-0030	2995-0030	2442	2995-0030	2995-0030	2995-0030	2995-0000	2995-0000	2995-0000	2995-0000	18753-0125	18753-0125	1189-0000	1189-0000	816-0000	816-0000	890-0000	3209-0000	3209	3209-0000	816-0000	816-0000	3298	3298-0000	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298
7	Kit Number	Key	SK20	SK20	SK20-05	SK20-05	SK20	SK20	90020-0001	90020-0003	90020-0001	90020-0003	90020-0001	90020-0003	90020-0003	90023-0001	90019-0001	90019-0001		90029-0001	SK29	90029-0001	90019-0001	1000-61006	SK33	90033-0001	SK33	SK33	SK271	SK33	SK271	SK33	SK33	SK271	SK33	SK33	SK33	SK271	SK33	SK33	SK33	SK33
	Alternate Part No				2620-252			2620-252					2620-1101	2620-1103							9440-200								29500-1001											9970-200		
2	919 <b>l</b> 98	qo	×	×	×	×	×	×													×				×		×	×	×	×	×	×	×	×	×	×	×	×	×	×	Н	×
7	Mount Type		Foot	Foot	Foot	Foot	Foot	Foot	Foot	Foot	Flange	Flange		Foot	Foot	Foot	Flange	Hange	Flange	Hange	Flange	Flange	Flange	Flange	Flange	Flange	Hange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Hange	Flange						
FOMP DEIAILS	Port Type		3%" BSP	3%" NPT	₩" NPT	3%" NPT	₩" NPT	₩" NPT	₩" NPT	7, NPT	W" NPT	2" Flanged	2" Flanged		2"NPT	2"BSP	2" NPT	2" Flanged	2" Flanged	3/1 BSP	™ NPT	3/1 BSP	3/1 BSP	3/" BSP	3/4" BSP	3/4" BSP	3/4" BSP	3/" BSP	3/" BSP	3/" BSP	¾" BSP	3/" BSP	¾" BSP	3/1 BSP	3/" BSP	3/" BSP	3/" BSP					
ABSCO	Origin Pump Size		020	020	020	020	020	020	020	020	020	020	020	020	010	020	200	200	080	200	200	200	200	200	040	040	040	040	040	040	040	040	040	040	040	040	040	040	040	040	040	040
AP	Origin		Ϋ́	Ϋ́	Ϋ́	Ϋ́	Ϋ́	Ϋ́	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	USA	NSA	NSA	NSA	Ϋ́	Ϋ́	'n	NSA	ň	Ϋ́	Ϋ́	Ϋ́	Ϋ́	ž	Ϋ́	Ϋ́	Ϋ́	Ϋ́	Ϋ́	Ϋ́	Ϋ́	ž	ž	Ϋ́
	Pump Number		2620-252	2620-253	2620-254	2620-255	2620-271	2620-281	2620-0001	2620-0003	2620-0051	2620-0053	2620-1001	2620-1003	2760-0001	2760-0003	3110-0001	3110-0011	3190-0001	3200-0011	3200-01	3200-0011	3240-0011	3240-1001	3270-0000	3270-0001	3270-1951	3270-20	3270-200	3270-205	3270-2101	3270-2301	3270-2401	3270-241	3270-251	3270-261	3270-271	3270-2801	3280-200	3370-200	3370-201	3370-221



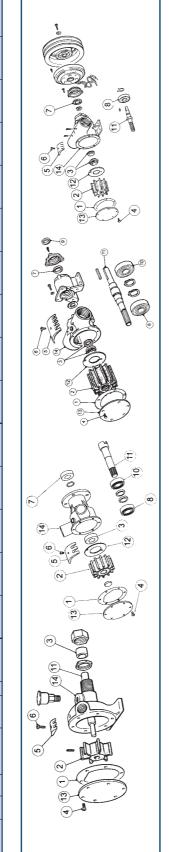
## Flexible Impeller Pumps Spares by Pump Model 3370-241 to 4800-111 JABSC0°

Pump			בואור שבואוני	3		Ŋ	SERVICE	KII DEIAILS	ALLV					GENERA	L PART	GENERAL PARTS LISTING	2			
Number	Origin Pump Size	np Port Type	pe Mount Type	etelete	Alternate Part No	Kit Number	Gasket/ O Ring	Impeller *OEM supply only	Water Seal	End Cover Screws	Cam	Cam Screw	Pump End Oil Seal	Pump End Bearing	Drive End Oil Seal	Drive End Bearin	Shaft	Wearplate	Endcover	Body OEM supply or
				90		Key	-	2	æ	4	2	9	7	æ	6	10	Ξ	12	13	14
3370-241	UK 040	0. 3/≡ BSP	P Flange	×		SK33	3298	1210-0001	SP2701-21	SP1002-02	10538	SP1003-09	SP2701-21	SP2600-13	-	SP2600-13	5857	7883	3992	3274-200
3370-251	UK 040	.0 %" BSP	P Flange	×	9970-261	SK33	3298	1210-0001	SP2701-21	SP1002-02	Assy 7884	SP1003-01	SP2701-21	SP2600-13	i	SP2600-13	9647	Assy 7884	3992	3274-251
3370-271	UK 040	.0 %= BSP	P Flange	×		SK33	3298	1210-0001	SP2701-21	SP1002-02	Assy 7884	SP1003-01	SP2701-21	SP2600-13	i	SP2600-13	5857	Assy 7884	3992	3274-200
3380-0001	USA 040	.0 1/2" NPT	T Flange			90033-0001	5212-0000	1210-0001	92700-0060	91002-0020	5211-0000	91003-0090	92700-0060	92600-0130	i	92600-0130	5857-0000	!	11830-0000	3384-0000
3380-200	UK 040	.0 %" BSP	P Flange	×	9970-200	SK33	3298	1210-0001	SP2701-21	SP1002-02	Assy 5211	SP1003-07	SP2701-21	SP2600-13	i	SP2600-13	5857	Assy 5211	3992	3384
3380-221	UK 040	.0 1/2" BSP		×	9970-200	SK33	3298	1210-0001	SP2701-21	SP1002-02	Assy 5211	SP1003-07	SP2701-21	SP2600-13	i	SP2600-13	9647	Assy 5211	3992	3384
3570	UK 200		ged Flange	_		SK375-0101	816	17935-0001	21849	SP1005-04	Assy 7257	SP1005-04	SP2700-51	1	SP2700-49	SP2600-04	3577-0020	Assy 7257	9336	3574
3570-0001	USA 200					90019-0001	816-0000	17935-0001	6408-0000	91095-0060	7256-0000	91005-0040	818-0000	92600-0040	i	i	3577-0000	2574-0000	12062-0000	Obsolete
3590-9001	USA 080	Н	Н			90118-0001	2432-0000	17937-0001	96080-0080	91003-0010	7957-0000	91004-0090	92700-0200	92600-0060	i	i	Obsolete	7957-0000	Obsolete	Obsolete
3890-9011	USA 040					90111-0011	3298-0000	1210-0001	0800-08096	91000-0020	7884-0000	91003-0010	92700-0180	92600-0070	i	i	3897-9000	7884-0000	11831-0000	3894-0010
4160	UK 080	0 Ø 32 Hose	ose Flange	×																
4330-01	UK 080	:0 32 Hs./FI.	FI. Flange	×																
4360	UK 200	0 11/2" Flanged	ged Flange	×		SK230	816	836-0001	21849	SP1005-04	834	SP1005-04	SP2704-01	SP2600-20	SP2704-02	SP2600-20	4367	2574	9336	4364
4410	UK 040	.0 1/2" BSP	P Flange	×		SK242	4908	4568-0001	SP2701-01	SP6060-02	9689	SP1003-01	1	1	1	i	4417	5097	4905	4414
4530-0001	USA 010	O "," NPT	T Foot			1000-10006	1126-0000	4528-0001	4539-0000	91002-0010	4538-0000	91002-0020	I	-	-	i	4537-0000	!	11835-0000	4534-0000
4530-0003	USA 010	0 ¼" NPT	T Foot			90001-0003	1126-0000	4528-0003	4539-0000	91002-0010	4538-0000	91002-0020	I	!	i	i	4537-0000	!	11835-0000	4534-0000
4540-0001	USA 020	0 %" NPT	T Foot			90002-0001	2995-0000	4527-0001	4549-0000	91002-0010	2907-0000	91002-0020	ı	!	i	i	4547-0000	!	11830-0000	4544-0000
4540-0003	USA 020	10 MPT	T Foot			90002-0003	2995-0000	4527-0003	4549-0000	91002-0010	2907-0000	91002-0020	1	-	I	1	4547-0000	!	11830-0000	4544-0000
4560-0001	USA 040	1/2"NPT	T Foot			90003-0001	7083-0000	4568-0001	3791-0000	91002-0020	490-0001	91003-0070	I	-	1	i	4567-0000	!	4565-0000	4564-0000
4560-0003	USA 040	.0 V/2"NPT	T Foot			80003-0003	7083-0000	4568-0003	3791-0000	91002-0020	490-0001	91003-0070	I	!	i	i	4567-0000	!	4565-0000	4564-0000
4590-0001	-					90004-0001	706-0010	4598-0001	3791-0000	-	17612-0000	91004-0010	ı	!	l	i	4597-0000	!	4595-0000	4594-0000
4590-0003	USA 080	0: %" NPT	T Foot			90004-0003	706-0010	4598-0003	3791-0000	91003-0010	17612-0000	91004-0010	I	-		i	4597-0000	!	4595-0000	4594-0000
4620-0001	-	1"NPT	1			90004-0001	706-0010	4598-0001	3791-0000	_	17612-0000	91004-0010	ı	-	i	i	4597-0000	!	4595-0000	4624-0000
4620-0003	USA 080	1"NPT	Foot			90004-0003	706-0010	4598-0003	3791-0000	91003-0010	17612-0000	91004-0010	1	!	i	i	4597-0000	!	4595-0000	4624-0000
4760	UK 020	.0 %" BSP	P Flange	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	ı	!	l	i	4766	4466	3992	4764
4760-01		.0 % BSP	Ī	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	I	!	i	i	4998	4466	3992	4764
4760-101	UK 020			×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	I	!	i	1	4766-101	4466	3992	4764-41
4760-111	UK 020	.0 % BSP	P Flange	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	1	!	i	i	4766-111	4466	3992	4764
4760-141	UK 020	.0 %" BSP	P Flange	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	I	!	i	1	4766-141	4466	3992	4764-41
4760-151	UK 020	.0 ¾" BSP	P Flange	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	1	!	i	i	4766-151	4466	3992	4764
4760-21	UK 020	0 %" BSP	P Flange	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	1	-		i	4766-21	4466	3992	4764
4760-41	UK 020	.0 1/2" BSP	P Flange	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	1	-	i	1	4766	4466	3992	4764-41
4760-51	UK 020	.0 %" BSP	P Flange	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	1	-	-	i	4766	4466	3992	4764-41
4760-61	UK 020	.0 %" BSP	P Flange	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	1	!	i	1	4767-61	4466	3992	4764-41
4760-71	UK 020	.0 ¾" BSP	P Flange	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	1	!	1	l	4766-71	4466	3992	4764-71
4760-81	UK 020	0 % BSP	P Flange	×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	ı	!	i	i	4766-81	4466	3992	4674
4760-91	UK 020	.0 1/2" BSP		×		SK228	2995-0030	673-0001	SP2701-04	SP1002-01	4454	SP1002-09	I	!	1	1	4766-91	4466	3992	4674
4780	UK 010	0 %" BSP	P Flange	×		SK217	1126	4528-0001	SP2701-09	SP1002-01	AL8-01	SP1002-01	1	!	i	1	Assy. 4787	!	AL6-200	4784
4800-101	UK 200	0 11/2" Flanged	-	×		SK230	816	836-0001	21849	SP1005-04	2551	SP1005-05	SP2700-51	!	1	SP2600-03	4338-07	2574	9336	4804-01
4800-111	2000		-	>	11700	SK230	816	1000.959	21040	100100	700	100100	CD 2700 E1			0000000				

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	14	3274-200	3274-251	3274-200	3384-0000	3384	3574	Obsolete	Obsolete	3894-0010			4364	4414	4534-0000	4534-0000	4544-0000	4564-0000	4564-0000	4594-0000	4594-0000	4624-0000	4624-0000	4764	4764	4764	4764-41	4764	4764	4764-41	4764-41	4764-41	4674	4674	4784	4804-01	9
	13	3992	3992	3992	11830-0000	3992	9336	12062-0000	Obsolete	11831-0000			9336	4905	11835-0000	11835-0000	11830-0000	4565-0000	4565-0000	4595-0000	4595-0000	4595-0000	4595-0000	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	AL6-200	9336	
	12	7883	Assy 7884	Assy 7884	!	Assy 5211	Assv 7257	2574-0000	7957-0000	7884-0000			2574	2005	!	!!		!	!	1	!	!	1	4466	4466	4466	4466	4466	4466	4466	4466	4466	4466	4466	!	2574	(A)
	=	5857	9647	5857	2857-0000	5857	3577-0020	3577-0000	Obsolete	3897-9000			4367	4417	4537-0000	4537-0000	4547-0000	4567-0000	4567-0000	4597-0000	4597-0000	4597-0000	4597-0000	4766	4998	4766-111	4766-141	4766-151	4766-21	4766	4766	4766-71	4766-81	4766-91	Assy. 4787	4338-07	
	10	SP2600-13	SP2600-13	SP2600-13	92600-0130	SP2600-13	SP2600-04	i	i	i			SP2600-20	i	i	ii	i	i	i	i	i	i	i	i	i	ii	i	i	i	i	i	ii	i	i	-	SP2600-03 SP2600-03	(C)
200	თ	i	i	i	i	ii	SP2700-49	i	i	i			SP2704-02	i	i	ii	i	i	i	ŀ	i	i	i	i	i	ii	i	i	i	i	i	ii	i	i			
6	œ	SP2600-13	SP2600-13	SP2600-13	92600-0130	SP2600-13	2 !	92600-0040	92600-0060	92600-0070			SP2600-20	!	!	!!		!	!	!	!	1	!	-	!	!!!	!	!	!	!	!		!	!	!		
5	7	SP2701-21	SP2701-21	SP2701-21	92700-0060	SP2701-21	SP2700-51	818-0000	92700-0200	92700-0180			SP2704-01	1	ı	1 1	1	1	1	1	1	ı	1	ı	ı	1 1	ı	1	ı	1	1	1 1	1	ı	1	SP2700-51 SP2700-51	
20100	9	SP1003-09	SP1003-01	SP1003-01	91003-0090	SP1003-07	SP1005-04	91005-0040	91004-0090	91003-0010			SP1005-04	SP1003-01	91002-0020	91002-0020	91002-0020	91003-0070	91003-0070	91004-0010	91004-0010	91004-0010	91004-0010	SP1002-09	SP1002-09	SP1002-09	SP1002-01	SP1005-05 SP1005-04	000								
	rv.	10538	Assy 7884	Assy 7884	5211-0000	Assy 5211	Assv 7257	7256-0000	7957-0000	7884-0000			834	9689	4538-0000	2907-0000	2907-0000	490-0001	490-0001	17612-0000	17612-0000	17612-0000	17612-0000	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	4454	AL8-01	2551 834	9
20100	4	SP1002-02	SP1002-02	SP1002-02	91002-0020	SP1002-02	SP1005-04	91095-0060	91003-0010	91000-0020			SP1005-04	SP6060-02	91002-0010	91002-0010	91002-0010	91002-0020	91002-0020	91003-0010	91003-0010	91003-0010	91003-0010	SP1002-01	SP1002-01	SP1002-01	SP1002-01	SP1005-04 SP1005-04									
חבמ	m	SP2701-21	SP2701-21	SP2701-21	92700-0060	SP2701-21	21849	6408-0000	0800-08096	0800-08096			21849	SP2701-01	4539-0000	4539-0000	4549-0000	3791-0000	3791-0000	3791-0000	3791-0000	3791-0000	3791-0000	SP2701-04	SP2701-04 SP2701-04	SP2701-04	SP2701-04	SP2701-09	21849								
OEM supply only	2	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	17935-0001	17935-0001	17937-0001	1210-0001			836-0001	4568-0001	4528-0001	4528-0003	4527-0003	4568-0001	4568-0003	4598-0001	4598-0003	4598-0001	4598-0003	673-0001	673-0001	673-0001	673-0001	673-0001	673-0001	673-0001	673-0001	673-0001	673-0001	673-0001	4528-0001	836-0001	£ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
SIIII	-	3298	3298	3298	5212-0000	3298	816	816-0000	2432-0000	3298-0000			816	4908	1126-0000	1126-0000	2995-0000	7083-0000	7083-0000	706-0010	706-0010	706-0010	706-0010	2995-0030	2995-0030	2995-0030	2995-0030	2995-0030	2995-0030	2995-0030	2995-0030	2995-0030	2995-0030	2995-0030	1126	816 816	(A) (B) (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B
DOI:	Key	SK33	SK33	SK33	90033-0001	SK33	SK375-0101	90019-0001	90118-0001	90111-0011			SK230	SK242	90001-0001	90001-0003	90002-0003	90003-0001	90003-0003	90004-0001	90004-0003	90004-0001	90004-0003	SK228	SK228	SK228	SK217	SK230 SK230									
			9970-261			9970-200																														11790	(A)
əsc	10	×	×	×		× >	<				×	×	×	×										×	× :	× ×	× ×	×	×	×	×	××	×	×	×	××	
b D		Flange	Flange	Flange	Hange	Flange	Flange	Н	Н	Foot	Flange		Flange	Flange	Foot	Flange	Flange	Flange	-	Flange	- B C 7 3																
		% BSP	%" BSP	% BSP	//2" NPI	%" BSP	1%" Flanged	11/2" Flanged	1¾" Flanged	%" NPT	Ø 32 Hose	32 Hs./FI.	11/2" Flanged	1/2" BSP	." NPT	™ NPT	%" NPT	1/2"NPT	1/2"NPT	™ NPT	3%" NPT	1"NPT	1"NPT	% BSP	%" BSP	% BSP	%" BSP	¾" BSP	3/4" BSP	1/2" BSP	%" BSP	% BSP	3/4" BSP	1/2" BSP	%" BSP	11/2" Flanged 11/2" Flanged	0 - 10
əzic		040	040	040	040	040	200	200	080	040	080	080	200	040	010	010	020	040	040	080	080	080	080	020	020	020	020	020	020	020	020	020	020	020	010	200	
		ž	ž	ž š	USA	ž ž	ž ž	USA	USA	NSA	ž	ž	ž	-	NSA	NSA	USA	USA	NSA	NSA	NSA	NSA	NSA	<b>3</b>	¥	S =	ž ž	×	¥	ž	¥	5 X	¥	¥	Ϋ́	<b>X</b> X	(4) (4) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6
Number		3370-241	3370-251	3370-271	3380-0001	3380-200	3570	3570-0001	3590-9001		Н	4330-01	4360		+	4530-0003	4540-0003	Н		4590-0001		Ħ	0003	4760	4760-01	4760-111	4760-141	4760-151	4760-21	4760-41	4760-51	4760-71	4760-81	4760-91	4780	4800-101	1   "
																																					J

# Flexible Impeller Pumps Spares by Pump Model 4800-161 to 6400-207

4	<i>800</i>	J-	1	5	1	Į	0	(	54	ĮĮ	OC	<b>)</b> -	2	U																												
	Body OEM supply only	14	4804-01	4804	4804	4804	4804	4804-01	4804-01	4804-01	4804-01	4854	4854	4904	4904-200	4904-200	4904-200	4904-200	4484-0000	3784-9000	3784-9000		5464	Obsolete	5644	Obsolete	Proprietary	5854	5854-0000	5874	6034	6034	6034	6034	6334	6404-0000	6404-0000	6404-0000	6404-1000	6404-200	6404-200	6404-200
	Endcover	13	4807-161	4807-181	9336	9336	9336	4807-51	9336	9336	9336	4855	4855	4905	4905	4905	4905	4905	11830-0000	11831-0000	11831-0000		5465	11830-0000	ı	11830-0000	11831-0000	3992	11830-0000	5875	3993	3993	3993	3993	6335	12062-0000	12062-0000	12062-0000	12062-0000	9336	9336	9336
	Wearplate	12	2574	2574	2574	2574	2574	2574	2574	2574	2574	5419	5419	ŀ	l	i	ł	i	l	7868-0000	7868-0000		l	7607-0000	4466	7607-0000	4156-0000	Assy 7884	7884-0000	5876	4156	4156	4156	4156	3196-01 ext	2574-0000	2574-0000	2574-0000	2574-0000	2574	2574	2574
פ	Shaft	11	4388	4388	4388-07	4388-07	4388-07	4388	4388-53	4388-07	4388-07	4857	4867	C10	C10-01	C10-01	C10-01	C10-01	6020-0000	5337-0000	5337-0000		5467	Obsolete	5647	Obsolete	5847-0000	5857	5857-0000	5877	6037	6037	6037	6037	4337	824-0020	824-0020	824-0020	824-2001	9527	9527	9527
NI CIT	Drive End Bearin	10	SP2600-03	SP2600-03	SP2600-18	SP2600-18	SP2600-18	SP2600-18	SP2600-03	SP2600-18	SP2600-03	SP2601-04	SP2600-01	1	ı	1	1	1	ı	1	ı		I	1	ı	1	1	SP2600-13	92600-0130	1	SP2600-06	SP2600-06	SP2600-06	SP2600-31	SP2600-13	1	1	1	1	SP2600-04	SP2600-04	SP2600-04
GENERAL PARIS LISTING	Drive End Oil Seal	6	1	1	ı	1	-	1	1	1	1	1	1	1	ı	1	1	1	ı	1	ı		I	1	ı	1	1	1	I	1	SP2701-11	SP2701-11	SP2701-11	1	SP2701-06	818-0000	818-0000	818-0000	818-0000	SP2700-49	SP2700-49	SP2700-49
A L L L L L L L L L L L L L L L L L L L	Pump End Bearing	8	1	1	1	1	1	1	1	1	1	SP2601-19	SP2600-07	1	ı	1	1	1	ı	92600-0060	92600-0060		ı	92600-0060	ı	92600-0060	92600-0060	SP2600-13	92600-0130	1	1	1	1	ı	SP2600-13	92600-0040	92600-0040	92600-0040	92600-0040	1	1	1
	Pump End Oil Seal	7	SP2700-51	SP2700-51	SP2700-51	SP2700-51	SP2700-51	SP2700-51	SP2700-51	SP2700-51	SP2700-51	SP2700-07	SP2700-07	i	i	i	i	i	i	913-0000	913-0000		i	913-0000	i	913-0000	913-0000	SP2701-21	92700-0060	SP2701-09	SP2701-48	SP2701-48	SP2701-48	SP2700-48	SP2701-06	817-0000	817-0000	817-0000	817-0000	SP2700-50	SP2700-50	SP2700-50
	Cam Screw	9	SP1005-04	SP1005-05	SP1005-05	SP1005-05	SP1005-04	SP1005-05	SP1005-04	SP1005-04	SP1005-04	SP1003-09	SP1003-09	SP1003-07	SP1003-07	SP1003-07	SP1003-10	SP1003-07	91002-0090	91003-0010	91004-0090		SP1002-01	91003-0010	SP1002-01	91003-0010	91004-0090	SP1003-01	91003-0010	SP1002-01	SP1004-09	SP1004-10	SP1004-11	SP1004-09	SP1004-09	91005-0040	91005-0040	91005-0050	91005-0050	SP1005-04	SP1005-05	SP1005-04
	Cam	2	834	2551	2551	2551	834	2551	834	834	834	5418	5418	490b	490	490	10336	490	7895-0000	7867-0000	17612-0001		2907-0001	7607-0000	4454	7607-0000	3255-0000	Assy 7884	7884-0000	5868	934	2431	3255	934	4329	834-0001	834-0001	2551-0000	2551-0000	834	2551	834
	End Cover Screws	4	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1003-09	SP1003-09	SP1003-09	SP1003-09	SP1003-09	SP1003-09	SP1003-09	91002-0020	91003-0010	91003-0010		SP1011-01	91002-0020	SP1003-01	91002-0020	91003-0010	SP1002-02	91002-0020	SP1002-09	SP1003-09	SP1003-09	SP1003-09	SP1003-09	SP1003-11	91005-0040	91005-0040	91005-0040	91005-0040	SP1005-04	SP1005-04	SP1005-04
7112	Water Seal	3	21849	21849	21849	21849	21849	21849	21849	21849	21849	SP2700-06	SP2700-06	3791	3791	3791	3791	3791	92700-0420	0800-08096	0800-08096		SP2701-04	92700-0060	SP2701-04	92700-0060	92700-0060	SP2701-21	92700-0060	SP2701-09	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-06	6407-0010	6407-0010	6407-0010	6407-0010	21849	21849	21849
NII DEIAILS	Impeller OEM supply only	2	836-0001	836-0001	836-0001	836-0001	836-0001	836-0001	836-0001	836-0001	836-0001	920-08	920-08	4568-0001	4568-0001	4568-0001	4568-0001	4568-0003	5616-0001	17937-0001	17937-0001	17937-0001	673-0001	1210-0001	673-0001	1210-0001	17937-0001	12104-0001	12104-0001	12104-0001	17937-0001	17937-0001	17937-0001	17937-0001	4325-0480	17935-0001	17935-0001	17935-0001	17935-0001	836-0001	836-0001	836-0001
SERVICE	Gasket/ O Ring	1	816	816	816	816	816	816	816	816	816	3101	3101	4908	4908	4908	4908	4908	2995-0000	3101-0000	0000-068	068	5466	3298-0000	2995-0030	3298-0000	3101-0000	3298	3298-0000	5878	068	068	890	068	890	816-0000	816-0000	816-0000	816-0000	816	816	816
2	Kit Number	Key	SK230	SK230	SK230	SK230	SK230	SK230	SK230	SK230	SK230			SK234	SK234	SK234	SK234	SK234-37	90044-0001	90118-0001	90118-0001	SK406-0001		1000-15006	SK228	1000-15006	1000-01006	SK33	90033-0001		SK236	SK236	SK236	SK236	SK237	90062-0001	90062-0001	90062-0001	90062-0001	SK230	SK230	SK230
	Alternate Part No				4800-21-01							9750	9760									52200-2051																		52200-2001	52200-2051	52200-2001
2	919 <b>l</b> 92	qo	×	×	×	×	×	×	×	×	×	×	×	×		×	×	×				×	×		×					×	×	×	×	×	×					×	×	×
7	Mount Type		Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Foot	Foot	Foot	Foot	Foot	Foot	Foot	Foot	Foot	Flange	Flange		Flange		Flange	Foot													
FUMP DEIAILS	Port Type		1½" Flanged	13/4" Flanged	11/2" BSP	11/2" Flanged	13/4" Flanged	11/2" Flanged	13/4" Flanged	11/2" Flanged	1½" Flanged	Ø 32 Hose	Ø 32 Hose	1/2" BSP	%" NPT	1" NPT	1" NPT	13/4" BSP	3/4" BSP	1" NPT		1/2" NPT		3/4" NPT	3/4" NPT	1/2" BSP	1" Flanged	1" Flanged	1" Flanged	1" Flanged	32 Hs./FI.	1'/4" NPT	1'/4" NPT	1'/₄" NPT	1'/4" NPT	11/4" BSP	11/4" BSP	11/4" BSP				
ABSCO	Pump Size		200	200	200	200	200	200	200	200	200	080	080	040	040	040	040	040	020	080	080	080	020	040	020	040	080	040	040	900	080	080	080	080	080	200	200	200	200	200	200	200
JAD	Origin Pump Size		Ϋ́	ž	¥	ž	¥	¥	ž	ž	ž	¥	¥	ž	¥	ž	¥	ž	NSA	NSA	NSA	¥	ž	NSA	¥	NSA	Ä	NSA	USA	ž	ž	ž	ž	ž	ž	NSA	NSA	NSA	NSA	ž	ž	ž
	Pump Number		4800-161	4800-171	4800-21	4800-21-01	4800-41	4800-51	4800-53	4800-54	4800-71	4850	4860	4900-01	4900-200	4900-201	4900-205	4900-237	5320-0011	5330-9001	5330-9101	5400-205	5460	5560-0001	5640	5660-0001	5840-0000	5850-0001	5850-0001	5870	6030-21	6030-41	6030-61	6030-71	6330	6400-0001	6400-0004	6400-0051	6400-1051	6400-200	6400-205	6400-207



## Flexible Impeller Pumps Spares by Pump Model 6420-0101 to 6590-0005 JABSC0°

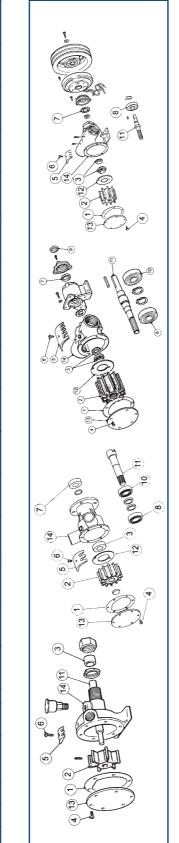
	JABSCO		PUMP DETAIL	<b>AILS</b>		S	SERVICE	KIT DET	DETAILS					GENERA	L PART	GENERAL PARTS LISTING	9			
Pump Number	Origin Pump Size	np Port Type	ype Mount Type	∓ ° etelete	Alternate Part No	Kit Number	Gasket/ O Ring	Impeller *OEM supply only	Water Seal	End Cover Screws	Cam	Cam Screw	Pump End Oil Seal	Pump End Bearing	Drive End Oil Seal	Drive End Bearin	Shaft	Wearplate	Endcover	Body OEM supply only
				9O		Key	-	2	е	4	2	9	7	80	6	10	=	12	13	14
6420-0101	USA 080	1" NPT	PT Foot	×	52220-0011	SK236	890	17937-0001	SP2701-21	SP1003-09	934	SP1004-09	SP2700-48	!	SP2700-47	SP2600-06	6718	4156	3993	6424
6420-200	UK 080	1" BSP	SP Foot	×	52080-2001	SK236	890	17937-0001	SP2701-21	SP1003-09	934	SP1004-09	SP2700-48	!	SP2700-47	SP2600-06	6718-21	4156	3993	6424
6420-2001	UK 080	1" BSP	SP Foot	×	52080-2001	SK385-0201	890	17937-0001	SP2700-1027	SP1003-09	934	SP1004-09	SP2700-48	!	SP2700-47	SP2600-06	6718-21	4156	3993	6424-2200
6420-204	UK 080	1" BSP	SP Foot	×	52080-2041	SK236	890	17937-0001	SP2701-21	SP1003-09	3255	SP1004-10	SP2700-48	!	SP2700-47	SP2600-06	6718-21	4156	3993	6424-2200
6420-2041	UK 080	1" BSP	SP Foot	×	52080-2041	SK385-0201	3101	17937-0001	SP2700-1027	SP1003-09	3255	SP1004-10	SP2700-48	-	SP2700-47	SP2600-06	6718-21	4156	3993	6424-2200
6420-205	UK 080	1" BSP	SP Foot	×	52080-2051	SK236	890	17937-0001	SP2701-21	SP1003-09	2431	SP1004-10	SP2700-48	1	SP2700-47	SP2600-06	6718-21	4156	3993	6424-2200
6420-2051	UK 080	1" BSP	SP Foot	×	52080-2051	SK385-0201	2432	17937-0001	SP2700-1027	SP1003-09	2431	SP1004-10	SP2700-48	!	SP2700-47	SP2600-06	6718-21	4156	3993	6424-2200
6490-122	UK 040	1/2" BSP	SP Foot	×		SK225-01	6496	1210-0001	SP2701-21	SP1003-09	490	SP1003-01	!	!	i	SP2600-09	1737-207	I	3993	21634
6490-123	UK 040	1/2" BSP	SP Foot	×		SK225-01	6496	1210-0001	SP2701-21	SP1003-09	490	SP1003-01	!	!	i	SP2600-09	1737-207	I	3993	21634
6490-132	UK 040	1/2" BSP	SP Foot	×		SK225-01	6496	1210-0001	SP2701-21	SP1003-09	490	SP1003-01	!	!	i	SP2600-09	1737-207	1	3993	21634
6490-152	UK 040	10 Ø 25 Hose	Hose Foot	×		SK225-01 Us	SK225-01 Use 23299 Kit To Upgrade to 6490-122	Upgrade to 649	90-122											
6490-153	UK 040	1/2" BSP	3SP Foot	×		SK225-01 Us	SK225-01 Use 23298 Kit To Upgrade to 6490-123	Upgrade to 649	90-123											
6490-200	UK 040	10 1/2" BSP	SP Foot	×		SK225-01	6496	1210-0001	SP2701-21	SP1003-09	490	SP1003-01	!	!	i	SP2600-09	1737-24-01	I	3993	6494-200
6490-210	UK 040	1/2" BSP	SP Foot	×		SK225-01	6496	1210-0001	SP2701-21	SP1003-09	490	SP1003-01	!	!	i	SP2600-09	1737-207	1	3993	6494-200
6490-222	UK 040	1/2" BSP	SP Foot	×		SK225-01	6496	1210-0001	SP2701-21	SP1003-09	490	SP1003-01	!	!	i	SP2600-09	1737-207	ı	3993	6494-200
6490-223	UK 040	10 1/2" BSP	SP Foot	×		SK225-01	6496	1210-0001	SP2701-21	SP1003-09	490	SP1003-01	!	!	i	SP2600-09	1737-207	I	3993	6494-200
6490-224	UK 040	1/2" BSP	SP Foot	×		SK225-01	6496	1210-0001	SP2701-21	SP1003-09	10336	SP1003-09	!	!	i	SP2600-09	1737-207	ı	3993	6494-200
6490-225	UK 040	10 1/2" BSP	SP Foot	×		SK225-01	6496	1210-0001	SP2701-21	SP1003-09	10336	SP1003-09	!	!	i	SP2600-09	1737-207	1	3993	6494-200
6490-231	UK 040	10 1/2" BSP	SP Foot	×		SK225-01	6496	1210-0001	SP2701-21	SP1003-09	10336	SP1003-09	!	!	i	SP2600-09	1737-207	ı	3993	6494-200
6490-232F	UK 040	10 1/2" BSP	SP Foot	×		SK119	6496	3085-0001	SP6080-08	SP1003-09	490	SP1003-01	!	!	l	SP2600-09	1737-207	I	3993	6494-200
6490-241		_	+	×		SK225-01 Us	SK225-01 Use 23299 Kit To Upgrade to 6490-222	Upgrade to 64	90-222											
6490-246				×	-	SK225-01 Us	SK225-01 Use 23299 Kit To Upgrade to 6490-224	Upgrade to 64	90-224											
6490-252		4	+	×	4	SK225-01 Us	SK225-01 Use 23299 Kit To Upgrade to 6490-222	Upgrade to 64:	90-222											
6490-253	UK 040		3SP Foot	×	6490-223	SK225-01 Us	SK225-01 Use 23298 Kit To Upgrade to 6490-223	Upgrade to 64	90-223											
6490-254		4	H	×		SK225-01 Us	SK225-01 Use 23299 Kit To Upgrade to 6490-224	Upgrade to 64:	90-224											
6490-255				×		SK225-01 Us	SK225-01 Use 23299 Kit To Upgrade to 6490-225	Upgrade to 64	90-225											
6490-2901		4	H	×	-	SK225-01	6496	_	SP2701-21	SP1003-09	490	SP1003-01	!	!	l	SP2600-09	1737-207	ı	3993	6494-200
6520-200				×	-	SK236	068	_	SP2701-21	SP1003-09	934	SP1004-09	SP2700-48	SP2600-06	i	SP2600-11	6718-201	4156	3993	6424-2200
6520-2003		4	+	t	51080-2003	SK385-0403	890		SP2700-1027	SP1003-09	934	SP1004-09	SP2700-48	SP2600-06	i	SP2600-11	6718-201	4156	3993	6424-2200
6520-205	٠			۲	-	SK236	068	1/93/-0001	12-10/24s	SP1003-09	2431	SP1004-10	SP2/00-48	SP2600-06	i	SP2600-11	107-81/9	4156	3993	6424-2200
6520-237	UK 080	1" BSP	ł	+	51080-2001	SK236-37	068	17937-0003	SP2701-21	SP1003-09	934	SP1004-09	SP2700-48	SP2600-06	i	SP2600-11	6718-201	4156	3993	6424-2200
6520-531	US 080	L	SP FOOL	× >	-	3K236	060	17937-0001	SP2701-21	SP1003-09	037	SP1004-10	SP2700-46	SP2600-06	i	SP2600-11	6718-201	4156	2992	6424-2200
6540-200	Н			t		SK205	2995-0030	673-0001	B22	SP1002-01	2907-0001	SP1002-02	2		i		6547	1	3992	6544-200
6540-201		0 %" BSP	H	×		SK205-01	2995-0030	673-0001	B22	SP8019-01	2907-0001	SP1002-02	!	!	i	i	6547	ı	3992	6544-200
6540-211	UK 020	0 %" BSP	SP Foot	×		SK205-01	2995-0030	673-0001	B22	SP8019-01	2907-0001	SP1002-02	1	1	i	i	6547	1	3992	6544-200
6590-0001	USA 200	11/4" NPT	NPT Foot	+		90062-0001	816-0000	17935-0001	6407-0010	91005-0040	834-0001	91005-0040	817-0000	92600-0040	-	-	824-0000	2574-0000	12062-0000	6594-0000
6590-0003			VPT Foot	+		90062-0003	816-0000	836-0003	6407-0010	91005-0040	834-0001	91005-0040	817-0000	92600-0040	i	i	824-0000	2574-0000	12062-0000	6594-0000
6590-0004	-	11/4" NPT	NPT Foot	+		90062-0001	816-0000	17935-0001	6407-0010	91005-0040	834-0001	91005-0040	817-0000	92600-0040	1	ı	824-0000	2574-0000	12062-0000	6594-0000
6590-0005	USA 200	11/4" NP	VPT Foot	-		90062-0003	816-0000	836-0003	6407-0010	91005-0040	834-0001	91005-0040	817-0000	92600-0040	i	i	824-0000	2574,0000	0000 0000	0000 8010

1000	1
200 +000 2001 0000 +002 0000 +20	
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# Flexible Impeller Pumps Spares by Pump Model 6590-200 to 9380

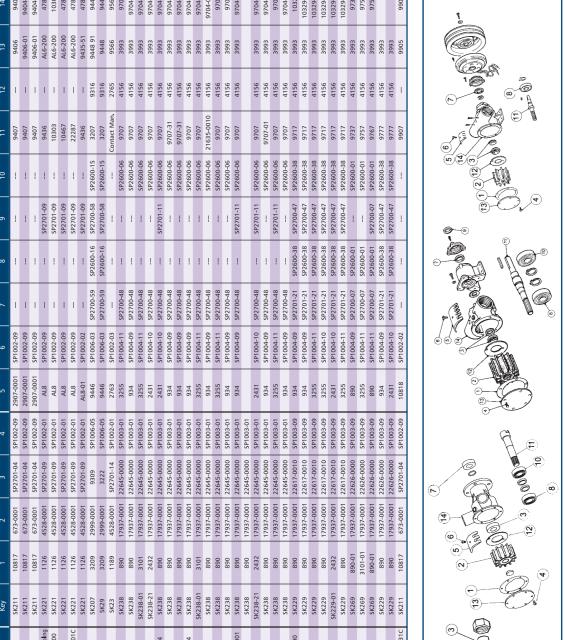
0.	590	,-,	<b>2</b>	<i>J</i> (	•	Ł	0		7=	26	30	,																													
	Body OEM supply only	14	6594-200	6594-200	6644-200	6644-200	4764-41	Proprietary	Obsolete	Obsolete	Obsolete	7424-0000	7424	7424-0000	7424-0100	7424-0000	6594-200	6594-200	6594-200	6594-200	6594-200	Proprietary	Obsolete	Obsolete	Obsolete		Obsolete	Obsolete	Obsolete	8954-0000	9044	AL4-200	3374-200								
	Endcover	13	9336	9336	9266	6645-105	3992	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	11830-0000	11831-0000	11830-0000	12062-0000	7425	12062-0000	9336	12062-0000	9336	9336	9336	9336	9336	12073-0010	11831-0000	12065-0000	12065-0000		Obsolete	Obsolete	Obsolete	12062-0000	12076	AL6-200	3991
	Wearplate	12	2574	2574	2765	2765	4466	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	7607-0000	7874-000000	7607-0000	2574-0000	2574	2574-0000	2574	2574-0000	2574	2574	2574	2574	2574	7476-0000	4156-0000	8493-0000	8493-0000		8493-0000	8493-0000	8493-0000	2574-0000	i	i	3266
<u>9</u>	Shaft	11	9527-0001	9527-0001	1053	1053	6717	0000-2869	0000-2869	0000-2869	0000-2869	0000-2869	0000-2869	0000-2869	0000-2869	0000-2869	7127-0000	7267-0000	7127-0000	824-0020	824	824-0020	9527	824-2001	9527-0001	9807-201	9527-0001	9807-201	9807-201	Proprietary	Obsolete	Obsolete	Obsolete		Obsolete	Obsolete	Obsolete	8957-0000	-	AL10	5857
2 LISII	Drive End Bearin	10	SP2600-09	SP2600-09	SP2600-08	SP2600-08	1	1	1	1	_	1	ı	1	1	1	1	1	1	I	1	1	1	1	SP2600-09	SP2600-09	SP2600-09	SP2600-09	SP2600-09	92600-0040	I	I	1		ı	1	1	1	1	1	SP2600-13
GENERAL PARTS LISTIN	Drive End Oil Seal	6	1	1	SP2700-62	SP2700-62	1	1	1	1	-	1	ı	1	1	1	1	1	1	818-0000	818	818-0000	SP2700-49	818-0000	1	I	I	I	1	92700-0740	1	I	1		ı	1	-	1	1	1	1
GENERA	Pump End Bearing	80	SP2600-04	SP2600-04	1	I	1	92600-0320	92600-0320	92600-0320	92600-0320	92600-0320	92600-0320	92600-0320	92600-0320	92600-0320	92600-0060	92600-0060	92600-0060	92600-0040	SP2600-04	92600-0040	SP2600-04	92600-0040	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2600-04	92600-0040	92600-0060	92600-0350	92600-0350		92600-0070	92600-0070	92600-0070	92600-0040	I	1	SP2600-13
	Pump End Oil Seal	7	SP2700-50	SP2700-50	SP2700-63	SP2700-63	1	817-0000	817-0000	817-0000	817-0000	817-0000	817-0000	817-0000	817-0000	817-0000	913-0000	913-0000	913-0000	817-0000	817	817-0000	SP2700-50	817-0000	SP2700-50	SP2700-50	SP2700-50	SP2700-50	SP2700-50	817-0000	913-0000	93000-0090	93000-0090		93000-0070	93000-0070	93000-0070	694-0000	1	1	SP2701-21
	Cam Screw	9	SP1005-04	SP1005-04	SP1002-03	SP1002-0234	SP1002-02	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91003-0010	91003-0020	91003-0010	91005-0040	SP1005-04	91005-0040	SP1005-04	91005-0040	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	91012-0020	91004-0110	91003-0010	91003-0010		91030-0110	91030-0110	91030-0110	91005-0040	SP1002-01	SP1002-02	SP1003-01
	Cam	2	834	834	2763	21233	4454	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	7607-0000	7874-0000	7607-0000	834-0001	834	834-0001	834	834-0001	834	834	834	834	834	7486-0010	3255-0000	8528-0000	8528-0000	6148	8528-0000	8528-0000	8528-0000	834-0001	8089	AL8-01	3269
	End Cover Screws	4	SP1005-04	SP1005-04	SP1002-01	SP1002-01	SP1002-09	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91002-0020	91003-0010	91002-0020	91005-0040	SP1005-04	91005-0040	SP1005-04	91005-0040	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	91045-0420	91003-0010	91003-0010	91003-0010	SP1002-01	91026-0010	91026-0010	91026-0010	91095-0060	SP1002-09	SP8019-01	SP1002-02
AILS	Water Seal	е	21849	21849	SP2701-14	SP2701-14	SP2701-04	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	0800-08096	92700-0060	0800-08096	6407-0010	21849	6407-0010	21849	6407-0010	21849	21849	21849	21849	21849	6408-0000	0800-08096	0800-08096	0800-08096		92700-0060	92700-0060	93000-0100	6408-0000	SP3000-10	AL22	SP2701-21
KII DEIAILS	Impeller *OEM supply only	2	836-0001	836-0003	4528-0001	4528-0001	673-0001	17936-0001	17936-0001	17936-0001	17936-0001	17936-0001	17936-0001	17936-0001	17936-0001	17936-0001	1210-0001	17937-0001	1210-0001	17935-0001	17935-0001	17935-0001	17935-0001	17935-0001	836-0001	836-0001	836-0001	836-0001	836-0001	17935-0001	17937-0001	3085-0001	3085-0001	8444-0001(2)	3085-0001	3085-0001	14750-0001	17935-0001	14609-0001	4528-0001	1210-0001
SEKVICE	Gasket/ O Ring	-	816	816	1189	1189	2995-0030	816-0000	816-0000	816-0000	816-0000	816-0000	816-0000	816-0000	816-0000	816-0000	3298-0000	3101-0000	3298-0000	816-0000	816	816-0000	816	816-0000	816	816	816	816	816	7478-6000	3101-0000	8509-0001	8509-0001		8641-0000	8641-0000	7828-0000	816-0000	7828-01	1126	3298
<u>~</u>	Kit Number	Key	SK230	SK230-37	SK23	SK23	SK241	90065-0001	90065-0001	90065-0001	90065-0001	90065-0001	90065-0001	90065-0001	90065-0001	90065-0001	90111-0001		90111-0001	90062-0001	SK375-0101	90062-0001	SK375-0101	90062-0000	SK230	SK230	SK230	SK230	SK230		90118-0001	1000-77106	90177-0001		90177-0121	90177-0121	90092-0007		SK92-11	SK223	SK33
	Alternate Part No		51200-2011	51200-2003	52010-2001	52010-2001															7420-0101																		now -1021		
2	ətələs	qo	×	×	×	×	×														×				×	×	×	×	×											×	×
DE A	Mount Type		Foot	Foot	Foot	Foot	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Foot	Foot	Foot	Foot	Foot	Foot	Foot	Foot	Foot	Foot	Foot	Flange	Flange	Flange	Flange	Flange	Flange		Flange	Flange	Foot	Flange
PUMP DEIAILS	Port Type		11/4" BSP	11/4" BSP	! / 4 BSP	3//" BSP	3/4" BSP	2" Flanged	3/4" / 11/4" Hose	11/4" Flanged	3/4" / 11/4" Hose	11/4" NPT	11/2" BSP	21/2" Flanged	3/4" NPT	³/4" Hose	³/4" Hose	Dual 3/4" Hose	1" Hose	1" Hose		11/2" Flanged	'/2" Hose	1/4" BSP	3/4" BSP																
JABSCO	Pump Size		200	200	010	010	020	270	270	270	270	270	270	270	270	270	040	080	040	200	200	200	200	200	200	200	200	200	200	080	080	080	080	040	080	080	900	200	900	010	040
JAB	Origin Pump Size		ž	¥	¥	ž	¥	USA	NSA	NSA	USA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	ž	NSA	NSA	NSA	ž	ž	ž	ž	ž	NSA	NSA	NSA	USA	NSA	USA	USA	USA	NSA	ž	¥	ž
	Pump Number		6590-200	6590-237	6640-200	6640-205	6710	6980-0001	6980-0002	6980-0003	6980-0004	5000-0869	9000-0869	6980-0011	6980-0411	0008-0869	7120-9001	7260-0001	7320-9001	7420-0001	7420-0004	7420-0004	7420-0101	7420-1001	7870-200	7870-201	7870-221	7870-231	7870-251	8150-0211	8170-9001	8470-0711	8470-0911	8740F	8830-0701	8830-0711	8850-0001	8950-0001	9040-0511	9360	9380



# Flexible Impeller Pumps Spares by Pump Model 9400 to 9900

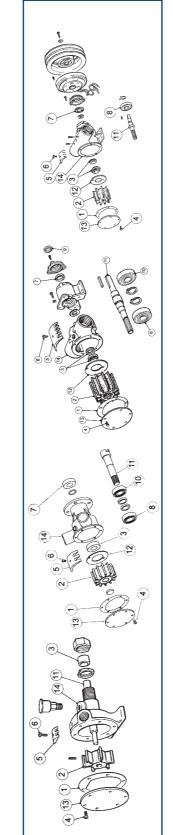
	JABS	SCO	JABSCO PUMP DETAIL	ETAIL	S		S	SERVICE	KII DEIAILS	AILS						GENERAL PARIS LISTING	2	2			
Pump Number	Origin Pump Size	Pump Size	Port Type	Mount Type	ətələs	Alternate Part No	Kit Number	Gasket/ O Ring	Impeller *OEM supply only	Water Seal	End Cover Screws	Cam	Cam Screw	Pump End Oil Seal	Pump End Bearing	Drive End Oil Seal	Drive End Bearin	Shaft	Wearplate	Endcover	Body OEM supply only
					qo		Key	-	2	æ	4	2	9	7	80	თ	10	11	12	13	14
9400	ž	020	Ø 16 Hose	Flange	×		SK211	10817	673-0001	SP2701-04	SP1002-09	2907-0001	SP1002-09	1	!	-	!	9407	1	9406	9404
9400-01	ž	020	Ø 16 Hose	Flange	×		SK211	10817	673-0001	SP2701-04	SP1002-09	2907-0001	SP1002-09	1	!	!	!	9407	1	9406-01	9404-01
9400-200	ž	020	2" BSP	Foot	×		SK211	10817	673-0001	SP2701-04	SP1002-09	2907-0001	SP1002-09	ı	!		!	9407	ı	9406-01	9404-01
9430	ž	010	1/4" BSP	Flange	×	Exhaust Cooling	SK221	1126	4528-0001	SP2701-09	SP1002-01	AL8	SP1002-09	1	1	SP2701-09	1	9436	1	AL6-200	4784
9430-01	ž	010	% BSP	Flange	×	11650-200	SK221	1126	4528-0001	SP2701-09	SP1002-01	AL8	SP1002-09	ı	!	SP2701-09	!	10303	ı	AL6-200	10302
9430-21	ž	010	1/4" BSP	Flange	×		SK221	1126	4528-0001	SP2701-09	SP1002-01	AL8	SP1002-09	1	1	SP2701-09	1	10467	1	AL6-200	4784
9430-211	ž	010	1/2 BSP	Flange	×	29300-2601C	SK221	1126	4528-0001	SP2701-09	SP1002-01	AL8	SP1002-09	1	!	SP2701-09	!	22287	ı	AL6-200	4784
9430-51	ž	010	1/4" BSP	Flange	×		SK221	1126	4528-0001	SP2701-09	SP1002-01	AL8-01	SP1002-02	1	!	SP2701-09	!	9436	1	9435-51	4784
9440-200	ž	200	2" BSP	Foot			SK207	3209	2999-0001	9309	SP1006-05	9446	SP1006-03	SP2700-59	SP2600-16	SP2700-58	SP2600-15	3207	9316	9448 91	9444
9480-01	ž	200	2" BSP	Foot	×		SK29	3209	2999-0001	3222	SP1006-05	9446	SP1006-03	SP2700-59	SP2600-16	SP2700-58	SP2600-15	3207	9316	9448	9444
9560	ž	010	3% BSP	Flange	×		SK23	1189	4528-0001	SP2701-14	SP1002-01	2763	SP1002-03	ı	!	!	!	Contact Man.	2765	9266	9564
9700	ž	080	1" Flanged	Flange	×		SK238	068	17937-0001	22645-0000	SP1003-01	3255	SP1004-11	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704
9700-01	ž	080	1" Flanged	Flange			SK238	068	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704-01
9700-04	ž	080	1" Flanged	Flange			SK238-01	3101	17937-0001	22645-0000	SP1003-01	3255	SP1004-11	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704-01
9700-05	ž	080	1" Flanged	Flange			SK238-21	2432	17937-0001	22645-0000	SP1003-01	2431	SP1004-10	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704-01
9700-101	ž	080	1" BSP	Flange	×	9700-04	SK238	068	17937-0001	22645-0000	SP1003-01	2431	SP1004-10	SP2700-48	1	SP2701-11	SP2600-06	9707	4156	3993	9704-01
9700-131	ž	080	1" Flanged	Flange			SK238	890	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	9707-31	4156	3993	9704-31
9700-132	ž	080	1" Flanged	Flange			SK238	890	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	9707-31	4156	3993	9704-32
9700-141	ž	080	1" Flanged	Flange	×	9700-04	SK238	890	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704-01
9700-151	ž	080	1" Flanged	Flange			SK238-01	3101	17937-0001	22645-0000	SP1003-01	3255	SP1004-11	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704-01
9700-162	ž	080	1" Flanged	Flange			SK238	890	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	21635-0010	4156	3993	9704-0010
9700-171	ž	080	1" Flanged	Flange	×		SK238	068	17937-0001	22645-0000	SP1003-01	3255	SP1004-11	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704
9700-181	ž	080	1" Flanged	Flange	×		SK238	890	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	-	-	SP2600-06	9707	4156	3993	9704
9700-21	ž	080	1" Flanged	Flange	×	29600-1001	SK238	890	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	SP2701-11	SP2600-06	9707	4156	3993	9704-01
9700-241	ž	080	3/# BSP	Flange	×		SK238	890	17937-0001	22645-0000	SP1003-01										
9700-41	ž	080	1" Flanged	Flange	ĺ		SK238-21	2432	17937-0001	22645-0000	SP1003-01	2431	SP1004-10	SP2700-48	!	SP2701-11	SP2600-06	9707	4156	3993	9704-01
9700-51	ž	-	1" Flanged1	Flange			SK238	890	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	-	-	SP2600-06	9707-01	4156	3993	9704-51
9700-61	ž	080	1" Flanged	Flange	×		SK238	068	17937-0001	22645-0000	SP1003-01	3255	SP1004-11	SP2700-48	!	SP2701-11	SP2600-06	9707	4156	3993	9704
9700-71	ž	080	1" Flanged	Flange	×		SK238	068	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	-	SP2600-06	9707	4156	3993	9704-01
9710	ž	080	1" NPT	Foot	×	9710-200	SK229	068	17937-0001	22617-0010	SP1003-09	934	SP1004-09	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329
9710-200	ž	080	1" BSP	Foot			SK229	890	17937-0001	22617-0010	SP1003-09	934	SP1004-09	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329-200
9710-201	ž	080	1" BSP	Foot	×		SK229	068	17937-0001	22617-0010	SP1003-09	3255	SP1004-11	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329-200
9710-204	ž	080	1" BSP	Foot	×		SK229	890	17937-0001	22617-0010	SP1003-09	3255	SP1004-10	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329-200
9710-205	ž	080	1" BSP	Foot			SK229-01	2432	17937-0001	22617-0010	SP1003-09	2431	SP1004-10	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329-200
9710-210	ž	080	1" BSP	Foot	×		SK229	890	17937-0001	22617-0010	SP1003-09	3255	SP1004-11	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329-200
9730	ž	080	Ø 32 Hose	Flange	×		SK269	890-01	17937-0001	22626-0000	SP1003-09	890	SP1004-09	SP2700-07	SP2600-01	!	SP2600-01	9737	4156	3993	9734
9750	ž	080	Ø 32 Hose	Flange	×		SK269	3101-01	17937-0001	22626-0000	SP1003-09	3255	SP1004-11	SP2700-07	SP2600-01	!	SP2600-01	9757	4156	3993	9754
9760	ž	080	Ø 32 Hose	Flange	×		SK269	890-01	17937-0001	22626-0000	SP1003-09	890	SP1004-11	SP2700-07	SP2600-01	SP2700-07	SP2600-01	2926	4156	3993	9754
9770-200	ž	080	3/# BSP	Barre	×		SK229	890	17937-0001	22626-0000	SP1003-09	934	SP1004-09	SP2701-21	SP2600-38	SP2700-47	SP2600-38	7776	4156	3993	
9770-205	ž	080	3/≡ BSP	Barre	×		SK229	068	17937-0001	22626-0000	SP1003-09	2431	SP1004-10	SP2701-21	SP2600-38	SP2700-47	SP2600-38	7776	4156	3993	
0000	-	000	1000	100	;	0 1000	1,073	10017	1000												

	1	4	9												1			-
Number O Ring	Number O Ring	Number O Ring	O Ring		· Se	OEM supply only	Seal	Screws	Cam	Screw	Pump End Oil Seal	Pump End Bearing	Drive End Oil Seal	Drive End Bearin	Shaft	Wearplate	Endcover	DOGW Supply
Key 1	Key 1	Key 1	Key 1	-		2	3	4	2	9	7	80	6	10	11	12	13	14
SK211 10817 673	10817	10817	10817		673	673-0001	SP2701-04	SP1002-09	2907-0001	SP1002-09	ı		-	1	9407	1	9406	9404
	10817	10817	10817		67	673-0001	SP2701-04	SP1002-09	2907-0001	SP1002-09	1	-	!	!	9407	1	9406-01	9404-01
SK211 10817	SK211 10817	SK211 10817	10817	Ħ	9	673-0001	SP2701-04	SP1002-09	2907-0001	SP1002-09	1	!	!	!	9407	I	9406-01	9404-01
SK221 1126	1126	SK221 1126	1126		45	4528-0001	SP2701-09	SP1002-01	AL8	SP1002-09	1 1	!!	SP2701-09	!!	9436	1 1	AL6-200	10302
SK221 1126	SK221 1126	SK221 1126	1126		4	4528-0001	SP2701-09	SP1002-01	AL8	SP1002-09	1	!	SP2701-09	!	10467	1	AL6-200	4784
SK221	H	SK221	H	1126		4528-0001	SP2701-09	SP1002-01	AL8	SP1002-09	1	!	SP2701-09	!	22287	ı	AL6-200	4784
SK221 1126				1126		4528-0001	SP2701-09	SP1002-01	AL8-01	SP1002-02	1	-	SP2701-09	1	9436	1	9435-51	4784
SK207 3209	_	_	_	3209		2999-0001	9309	SP1006-05	9446	SP1006-03	SP2700-59	SP2600-16	SP2700-58	SP2600-15	3207	9316	9448 91	9444
				3209		2999-0001	3222	SP1006-05	9446	SP1006-03	SP2700-59	SP2600-16	SP2700-58	SP2600-15	3207	9316	9448	9444
	+	+	+	1189		4528-0001	SP2701-14	SP1002-01	2763	SP1002-03	I	!	-	_	Contact Man.	2765	9266	9564
	890	890	890		-	17937-0001	22645-0000	SP1003-01	3255	SP1004-11	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704
	890	890	890		=	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704-01
SK238-01 3101 1	3101	3101	3101		-	17937-0001	22645-0000	SP1003-01	3255	SP1004-11	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704-01
SK238-21 2432 1	2432	2432	2432		-	17937-0001	22645-0000	SP1003-01	2431	SP1004-10	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704-01
SK238 890	068	SK238 890	068	•	-	17937-0001	22645-0000	SP1003-01	2431	SP1004-10	SP2700-48	!	SP2701-11	SP2600-06	9707	4156	3993	9704-01
890	890	890	890		-	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	9707-31	4156	3993	9704-31
_	068	068	068	_	-	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	9707-31	4156	3993	9704-32
SK238 890	890	SK238 890	890		=	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704-01
	3101	3101	3101		-	17937-0001	22645-0000	SP1003-01	3255	SP1004-11	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704-01
890	890	890	890		=	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	21635-0010	4156	3993	9704-001
890	890	890	890		-	17937-0001	22645-0000	SP1003-01	3255	SP1004-11	SP2700-48	!	-	SP2600-06	9707	4156	3993	9704
SK238 890	SK238 890	SK238 890	890	T	-	17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	!	SP2600-06	9707	4156	3993	9704
SK238 890	890	SK238 890	890	T		17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	SP2701-11	SP2600-06	9707	4156	3993	9704-01
-	+	+	+	2432		17937-0001	22645-0000	SP1003-01	2421	CD1004-10	SB2700-49		CD2701-11	90-009603	2070	7156	2002	0.000
H	H	H	H	890		17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	ļ		SP2600-06	9707-01	4156	3993	9704-51
SK238 890				890		17937-0001	22645-0000	SP1003-01	3255	SP1004-11	SP2700-48	!	SP2701-11	SP2600-06	9707	4156	3993	9704
SK238 890				890		17937-0001	22645-0000	SP1003-01	934	SP1004-09	SP2700-48	!	-	SP2600-06	9707	4156	3993	9704-01
SK229	-	SK229	-	890	_	17937-0001	22617-0010	SP1003-09	934	SP1004-09	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329
SK229 890	_	_	_	890	-	17937-0001	22617-0010	SP1003-09	934	SP1004-09	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329-20
SK229 890				890	-	17937-0001	22617-0010	SP1003-09	3255	SP1004-11	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329-20
_	_	_	_	890		17937-0001	22617-0010	SP1003-09	3255	SP1004-10	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329-20
_	_	_	_	2432		17937-0001	22617-0010	SP1003-09	2431	SP1004-10	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329-20
SK229 890	_	_	_	068		17937-0001	22617-0010	SP1003-09	3255	SP1004-11	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717	4156	3993	10329-20
SK269 890-01	-	-	-	10-068		17937-0001	22626-0000	SP1003-09	890	SP1004-09	SP2700-07	SP2600-01	!	SP2600-01	9737	4156	3993	9734
,				3101-01		17937-0001	22626-0000	SP1003-09	3255	SP1004-11	SP2700-07	SP2600-01	1	SP2600-01	9757	4156	3993	9754
SK269 890-01	-	-	-	890-01	_	17937-0001	22626-0000	SP1003-09	890	SP1004-11	SP2700-07	SP2600-01	SP2700-07	SP2600-01	9767	4156	3993	9754
SK229 890				890		17937-0001	22626-0000	SP1003-09	934	SP1004-09	SP2701-21	SP2600-38	SP2700-47	SP2600-38	7776	4156	3993	
SK229	SK229	SK229		890		17937-0001	22626-0000	SP1003-09	2431	SP1004-10	SP2701-21	SP2600-38	SP2700-47	SP2600-38	7776	4156	3993	
-2231C SK211 10817		11075	_	10817	-	673-0001	SP2701-04	SP1002-09	10818	SP1002-02	1	-	!	!	2066	ı	9905	9904



# Flexible Impeller Pumps Spares by Pump Model 9900-0001 to 10590-22

9.	900	<b>)</b>	0	O	)	1	ţ	0	)	1(	יכ	59	90	)-	2	2																								
	Body OEM supply only	14	9904-0000	9974-200	9974-200	9974-200	9974-200	9974-200	9974-201	9974-223	9974-223	9974-200	9974-200	9994-21	9994-21	Obsolete	!	10195-0010	ļ	10424	10494	10494-03	10494	10494	10554	10554	10554	10554-2100	10974	10494	10494	10494	10494	10494	10494	10494	10494	10494	10494	10494
	Endcover	13	9905-0000	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	Obsolete	-	Obsolete	1	9905	9836	9836	9866	9866	3992	3992	-	. 0000-2067	3992	9336	9336	9336	3992	9336	9336	9336	10773	10773	9336	9336
	Wearplate	12	1	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	9666	7883	Obsolete	1	10179-0000	1	ı	2574	2574	2574	2574	7883	7883	_	22906-0000	7883	2574	2574	2574	7883	2574	2574	2574	2574	2574	2574	2574
<u> </u>	Shaft	11	0000-2066	7266	7266	10374	10374	10374	9977-21	9977-21	9977	7666	10417	7666	9997-01	i	-	10197-0000	i	10427	11254-01	11254-01	11254-01	11254-01	10417	10417	10417	10417-2100	10417	11258-01	11256-01	11258-01	10417	11256-01	11258-01	11256-01	11256-01	11256-01	11258-01	11258-01
SLISTIN	Drive End Bearin	10	!	SP2600-13	SP2600-13	SP2600-13	SP2600-13	SP2600-13	SP2600-13	SP2600-13	SP2600-13	SP2601-39	SP2601-39	SP2601-39	SP2601-39	!	-	1	!	!	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-39	SP2601-39	SP2601-39	SP2601-39	SP2601-39	SP2601-41	SP2601-37	SP2601-37	SP2601-39	SP2601-0458	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-41	SP2601-41
GENERAL PARTS LISTING	Drive End Oil Seal	6	i	i	i	i	-	i	i	i	-	SP2701-15	SP2701-15	SP2701-15	SP2701-15	92701-0160	-	92701-0160	i	i	SP2700-49	SP2700-49	SP2700-49	SP2700-49	SP2701-15	SP2701-15	SP2701-15	SP2701-15	SP2701-15	i	1	i	SP2701-15	i	i	SP2700-49	i	i	i	i
GENER	Pump End Bearing	8	!	SP2600-13	SP2600-13	SP2600-13	SP2600-13	SP2600-13	SP2600-13	SP2600-13	SP2600-13	SP2601-39	SP2601-39	SP2601-39	SP2601-39	92600-0060		92600-0060	!	!	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-39	SP2601-39	SP2601-39	SP2601-39	SP2601-39	SP2601-37	SP2601-37	SP2601-37	SP2601-39	SP2601-0458	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-37
	Pump End Oil Seal	7	!	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	92700-0480		92700-0480	!	!	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-54	SP2701-54	SP2701-54	SP2701-21	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54
	Cam Screw	9	91002-0020	SP1003-01	SP1003-09	SP1003-01	SP1003-01	SP1003-09	SP1003-01	SP1003-09	SP1003-01	SP1003-01	SP1003-01	SP1003-01	SP1003-01	91003-0070	91004-0090	91003-0070	!	SP1002-09	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1003-09	SP1003-01	SP1003-09	SP1003-01	SP1003-01	SP1005-04	SP1005-05	SP1005-05	SP1003-09	SP1005-04	SP1005-05	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04
	Cam	2	10818-0000	490	10336	490	490	10336	490	10336	490	490	490	490	490	490-0000	10182-0000	490-0000	1	2907-0001	6988	6988	6988	6988	10336	490	10336	490	490	8869	22039	22268	6988	6988	22268	6988	22039	6988	6988	6988
	End Cover Screws	4	91002-0090	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	91003-0020	-	91003-0020	!	SP1002-09	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1002-02	SP1002-02	SP1002-02	X3001-095F	SP1002-02	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1095-0640	SP1005-04	SP1005-04	SP1095-0640	SP1095-0640	SP1005-04	SP1005-04
AILS	Water Seal	8	92701-0040	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	0800-08096	1	0800-08096	1	SP2701-04	21849	21849	21849	21849	22626-0000	22626-0000	22626-0000	22626-0000	22626-0000	21849	21849	21849	21849	21849	21849	21849	96080-0373	96080-0373	21849	21849
KIT DETAILS	Impeller *OEM supply only	2	18673-0001	1210-0001	1210-0001	1210-0001	1210-0003	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	11979-0001	1210-0001	3085-0001	673-0001	21676-0001	21676-0001	21676-0001	21676-0001	1210-0001	1210-0001	1210-0001	1210-0003	1210-0001	21676-0001	21676-0001	21676-0001	21676-0001	17936-0001	21676-0001	21676-0001	17936-0001	17936-0001	21676-0001	21676-0001
SERVICE	Gasket/ O Ring	1	10187-0000	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	10183-0000	10184-0000	10183-0000	1	10817	816	816	816	816	3298	3298	3298	3298	3298	816	816	816	816	816	816	816	816	816	816	816
s	Kit Number	Key	90211-0001	SK293	SK239	SK241	SK239-37	SK239	SK239	SK239	SK239	SK239	SK239	SK268	SK268	90133-0001		90134-0001	I	SK211	SK254	SK254	SK254	SK254	SK239	SK239	SK239	SK239-0003	SK239	SK254	SK254	SK254	SK254	SK254	SK254	SK254	SK254	SK254	SK254	SK254
	Alternate Part No					Direct Cooling		9970-241		9970-200				9990-41						29490-2001C	52270-0011	50270-0911	52270-0011	52270-0011						10590-22			11101-01-01		10590-0041				10590-22	2 Pumps/Eng.
LS	ətələs	qo	L	_	_	_	_	×	L	×		×	×	×		_				×	×	×	×	×	×	-	×	_	-	×	_	_	×	_	×		_	_	×	_
DETA	Mount		Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Barre	Barre	Barre	Barre	Flange		Flange		Flange	Foot	Foot	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange							
PUMP DETAILS	Port Type		3%" Hose	3/4" BSP	3/4" BSP	3/4" BSP	¾" BSP	3/4" BSP	3/4" BSP	34" BSP	3/4" BSP	¾" NPT	¾" NPT	™ NPT	3/" NPT	1" Hose	1¼" Hose	1" Hose	1" Hose	Ø 16 Hose	2" Flanged	2" Flanged	2" Flanged	2" Flanged	™ NPT	3//# BSP	3/4" BSP	3/4" BSP	34" BSP	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged
JABSCO	Origin Pump Size		020	040	040	040	040	040	040	040	040	040	040	040	040	040	080	040	040	020	270	270	270	270	040	040	040	040	040	270	270	270	270	270	270	270	270	270	270	270
JAB	Origin		NSA	¥	Ϋ́	ž	ž	Ϋ́	ž	ž	š	ž	ž	ž	ž	NSA	USA	NSA	NSA	ž	ž	ž	š	ž	ž	ž	š	ž	š	ž	š	ž	š	ž	ž	ž	ž	ž	ž	š
	Pump Number		9900-0001	9970-200	9970-204	9970-241	9970-241-37	9970-251	9970-261	9970-271	9970-281	9990-200	9990-201	9990-21	9990-41	10170-0011	10170-0011	Dual 10190-0011	10190-0011	Dual 10420	0490	10490-0201	10490-07	10490-207	10550-01	10550-200	10550-205	10550-2103	10550-2701	06501	10590-0031	10590-0041	10590-01	10590-0111	10590-0141	10590-0201	10590-0231	10590-0341	10590-21	10590-22



## Flexible Impeller Pumps Spares by Pump Model 10590-61 to 10800-21 JABSC0°

Alternate Kit Part No Number Key 10590-62 8K254 8K254 8K254 8K230 52220-0011 8K230 522200-0011 8K230 52220-0011 8K230	Gasket/ O Ring 1 1 816 816 816 816 816 816 816 816	mpeller	Water	End Cover	me'	me	Paris Card	7						
4440000000		2 21676-0001 21676-0001		Screws		Screw	rump End Oil Seal	Pump End Rearing	Drive End	Drive End Rearin	Shaft	Wearplate	Endcover	Body
		21676-0001	m	4	2	9	7	8	6	10	11	12	13	14
		21676-0001	21849	SP1005-04	8869	SP1005-04	SP2701-54	SP2601-37	ı	SP2601-41	11258-01	2574	9336	10494
	816 816 816 816 816		21849	SP1005-04	8869	SP1005-04	SP2701-54	SP2601-37	I	SP2601-41	11258-01	2574	9336	10494
	816 816 816 816	21676-0001	21849	SP1005-04	6988	SP1005-04	SP2701-54	SP2601-37	ı	SP2601-43	11258-01	2574	9336	10494
	816 816 816	836-0001	21849	SP1005-04	834	SP1005-04	SP2701-54	SP2601-37	SP2700-49	SP2601-37	11254	2574	9336	10634
	816 816 816	836-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	SP2700-49	SP2601-37	11228-9000	2574	9336	10634
	816	836-0001	21849	SP1005-04	834	SP1005-04	SP2701-54	SP2601-37	SP2700-49	SP2601-37	11254	2574	9336	10634
	816	836-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	SP2700-49	SP2601-37	11254	2574	9336	10634
		836-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	SP2700-49	SP2601-37	11254	2574	9336	10634
	816	836-0001	21849	SP1005-04	2551	SP1005-05	SP2701-54	SP2601-37	SP2700-49	SP2601-37	11254	2574	9336	10634
	816	836-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	1	SP2601-37	10657-0020	2574	9336	10634
	816	836-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	1	SP2601-37	10657-0020	2574	9336	10634
	816	17936-0001	21849	SP1005-04	8869	SP1005-04	SP2701-54	SP2601-37	1	SP2600-09	10657-0030	2574	9336	10494
	816	17936-0001	21849	SP1005-04	8869	SP1005-04	SP2701-54	SP2601-37	1	SP2600-09	10657-0030	2574	9336	10494
	816	836-0001	21849	SP1005-04	834	SP1005-04	SP2701-54	SP2601-37	1	SP2601-37	10667-0020	2574	9336	10634-02
	816	836-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	1	SP2601-37	10667-0020	2574	9336	10634-02
	816	836-0001	21849	SP1005-04	834	SP1005-04	SP2701-54	SP2601-37	1	SP2601-37	10667-0020	2574	9336	10634-02
_	816	836-0001	21849	SP1005-04	_	SP1005-04	SP2701-54	SP2601-37	1	SP2601-37	10667-0020	2574	9336	10634-02
	816	836-0001	21849	SP1005-04	834	SP1005-04	SP2701-54	SP2601-37	1	SP2601-37	10667-0020	2574	9336	10634-02
-	816	836-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	I	SP2601-37	10667-0020	2574	9336	10634-02
-	816	836-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	I	SP2601-37	10667-0020	2574	9336	10634-02
_		836-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	ı	SP2601-37	10667-0020	2574	9336	10494-01
		21676-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	1	SP2600-09	10667-0030	2574	9336	10494-01
+		21676-0001	21849	SP1005-04	1	SP1005-04	SP2701-54	SP2601-37	I	SP2600-09	10667-0030	2574	9336	10494-01
-		21676-0001	21849	SP1005-04	Ī	SP1005-04	SP2701-54	SP2601-37	1	SP2600-09	10667-0030	2574	9336	10494-01
+		21676-0001	21849	SP1005-04	-	SP1005-04	SP2701-54	SP2601-37	I	SP2600-09	10667-0030	2574	9336	10494-01
ł		21676-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	1	SP2600-09	10667-0030	2574	9336	10494-01
Н		21676-0001	21849	SP1005-04	1	SP1005-04	SP2701-54	SP2601-37	I	SP2600-09	10667-0030	2574	9336	10494-01
		21676-0001	21849	SP1005-04	Ī	SP1005-04	SP2701-54	SP2601-37	I	SP2600-09	10667-0030	2574	9336	10494-01
		21676-0001	21849	SP1005-04		SP1005-04	SP2701-54	SP2601-37	ı	SP2600-09	10667-0030	2574	9336	10494-01
SK369-0001	816	836-0001	21849	SP1095-0640		SP1005-05	SP2701-54	SP2601-37	1	SP2601-37	11258	2574	9336	10634
	816	17935-0001	21849	SP1095-0640		SP1005-04	SP2701-54	SP2601-37	I	SP2601-37	11256	2574	9336	10634
SK369-0001	816	836-0001	21849	SP1095-0640	2551	SP1005-05	SP2701-54	SP2601-37	I	SP2601-37	11256	2574	9336	23704-0000
SK369-0001	816	836-0001	21849	SP1095-0640 2	29772-0000	SP1005-05	SP2701-54	SP2601-37	1	SP2601-37	11256	2574	9336	23704-0000
	816	836-0001	21849	SP1005-04	2551	SP1005-05	SP2701-54	SP2601-37	1	SP2601-37	11258	2574	9336	23704-0000
	816	836-0001	21849	SP1095-0640 2	29772-0000	SP1005-05	SP2701-54	SP2601-37	1	SP2601-37	11256	2574	9336	23704-0000
	816	836-0001	21849	SP1095-0640	2551	SP1005-05	SP2701-54	SP2601-37	1	SP2601-37	11256	2574	10773	10634
SK230-01	816	836-0001	21849	SP1005-04	834	SP1005-04	SP2701-54	SP2601-37	1	SP2601-41	11256	2574	9336	10634
	816	836-0001	21849	SP1005-04		SP1005-05	SP2701-54	SP2601-37	1	SP2601-41	11256	2574	9336	10634
	816	836-0001	21849	SP1005-04	2551	SP1005-05	SP2701-54	SP2601-37	1	SP2601-41	21679-0000	2574	9336	10634
	890	17937-0001	22617-0010	SP1003-09	3255	SP1004-11	SP2701-12	SP2601-10	1	SP2601-10	10807-21	4156	3993	10634

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SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1005-04	SP1095-0640	SP1095-0640	SP1005-04	SP1005-04	SP1005-04	SP1003-09						·		(	8	Ä	A	A E	
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836-0001	836-0001	836-0001	17936-0001	836-0001	836-0001	836-0001	836-0001	836-0001	836-0001	836-0001	836-0001	21676-0001	21676-0001	21676-0001	21676-0001	21676-0001	21676-0001	21676-0001	21676-0001	836-0001	17935-0001	836-0001	836-0001	836-0001	836-0001	836-0001	836-0001	836-0001	836-0001	7937-0001 2	<u>ن</u> (	( <del>1</del>	)—	· }				)	)	)			
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x 52220-0011	51220-0011	51200-2011	51270-2011	50220-0011	50220-0111	50220-0211	50220-0311	50200-2011	50200-2111	50200-2211	50200-2311	50270-0011	50270-0111	50270-0211	50270-0311	50270-2011	50270-2111	50270-2211	50270-2311													(	(E)				9						
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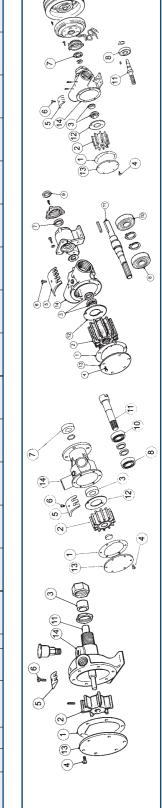
# Flexible Impeller Pumps Spares by Pump Model 10880-51 to 11150-0011

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	Endcover	13	9336	9336	9336	9336	9336	9336	9336	9336	9336	9336	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	9336	9336	9905	9905	9336	9336	9336	9336	9336	9336	9336	3993	3993	3993	9336
	Wearplate	12	2574	2574	2574	2574	2574	2574	2574	2574	2574	2574	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	2574	2574	l	i	72/4	2574	2574	2574	2574	2574	2574	4156	4156	4156	2574
9	Shaft	11	11258	11258	11256	11258	11228-9000	11258-0020	23387-0000	23387-0020	23387-0000	21679-0000	23377-0000	23377-0000	23377-0000	23377-0000	22927-0000	22927-0000	22927-0000	22927-0000	23377-0000	23377-0000	23377-0000	23377-0000	23377-0000	9977-01	9977-01	4388-07	4388-07	11007	11007	11494-01	11494-01	11494-01	11494-01	23387-0010	23387-0030	23387-0010	11127	11127	11127	11254-01
LISIIN	Drive End Bearin	10	SP2601-0458	SP2601-37	SP2601-0458	SP2601-41	SP2601-41	SP2601-37	SP2601-41	SP2601-37	SP2601-37	SP2601-41	SP2601-39	SP2601-39	SP2601-39	SP2601-39	SP2601-39	SP2600-01	SP2601-39	SP2600-01	SP2600-01	SP2600-01	SP2600-01	SP2600-01	SP2600-01	SP2601-39	SP2601-39	SP2600-04	SP2600-04	I	1	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-10	SP2601-10	SP2601-10	SP2601-37
GENEKAL PAKIS LISIING	Drive End Oil Seal	6	!	!	!	!	!	!	!	!		!	!	!	!	!	!	!	!	!	1	!	1	!	!	!	!	!	!	!	!	!	!	!	!	!			!	!	!	!
GENEKA	Pump End Bearing	80	SP2601-0458	SP2601-37	SP2601-0458	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-39	SP2601-39	SP2601-39	SP2601-39	SP2601-39	SP2600-01	SP2601-39	SP2600-01	SP2600-01	SP2600-01	SP2600-01	SP2600-01	SP2600-01	SP2601-39	SP2601-39	I	ı	I	1	SP2601-37	SP2601-37	SP2601-37	SP2601-37	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-10	SP2601-10	SP2601-10	SP2601-37
	Pump End Oil Seal	7	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2701-21	SP2700-51	SP2701-51	I		SP2/01-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-21	SP2701-21	SP2701-21	SP2701-54										
	Cam Screw	9	SP1005-05	SP1005-04	SP1005-05	SP1005-04	SP1005-04	SP1005-05	SP1005-05	SP1005-04	SP1005-05	SP1005-04	SP1003-01	SP1003-01	SP1003-09	SP1003-09	SP1003-01	SP1003-01	SP1003-01	SP1003-01	SP1003-01	SP1003-09	SP1003-09684	SP1003-09	SP1003-09	SP1003-01	SP1003-01	SP1005-05	SP1005-05	SP1002-01	SP1002-09	SP1005-54	SP1005-54	SP1005-54	SP1005-05	SP1005-05	SP1005-04		SP1004-09	SP1004-11	SP1004-10	SP1005-04
	Cam	2	2551	834	2551	834	834	2551	2551	834	2551	834	490	490	10336	10336	490	490	490	490	490	10336		10336	10336	490	490	2551	2551	2441	2907	6988	8869	8869	22268	22268	6988	22268	934	3255	2431	8869
	End Cover Screws	4	SP1095-0640	SP1005-04	SP1095-0640	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1005-04	SP1005-04	SP1002-09	SP1002-09	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1003-09	SP1003-09	SP1003-09	SP1005-04										
AILS	Water Seal	ж	21849	21849	21849	21849	21849	21849	21849	21849	21849	21849	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	21849	21849	SP2701-04	SP2701-04	21849	21849	21849	21849	21849	21849	21849	22617-0010	22617-0010	22617-0010	21849
KII DEIAILS	Impeller *OEM supply only	2	17935-0001	836-0001	17935-0001	836-0001	836-0001	17935-0001	17935-0001	17935-0001	17935-0001	836-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	17935-0001	836-0001	673-0001	673-0001	1000-97917	21676-0001	21676-0001	21676-0001	21676-0001	17936-0001	17936-0001	17937-0001	17937-0001	17937-0001	21676-0001
SEKVICE	Gasket/ O Ring	-	816	816	816	816	816	816	816	816	816	816	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	816	816	10817	10817	816	816	816	816	816	816	816	890	890	890	816
^	Kit Number	Key	SK230-0161	SK230	SK230-0161	SK230	SK230	SK375-0101	SK375-0101	SK375-0101	SK375-0101	SK230-01	SK239	SK239	SK239	SK268-01	SK268-01	SK230-0161	SK230-01	SK211	SK211	SK254	SK254	SK254	SK254	SK254	SK254	SK254	SK229	SK229	SK229	SK254										
	Alternate Part No							10880-2561					10950-2401	10950-2401	10950-2401	10950-2401	10950-2401	10950-2401	10950-2601	10950-2601		10950-2601	10950-2601		10950-2401				10980-0051													
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DELA	Mount Type		ed Flange	ed Flange	ed Flange	ed Flange	ed Hange	ed Flange	ed Flange	ed Flange	Hange	ed Flange	Flange	Hange	Flange		Ħ	+	+	-	+		+	٠	+	Hange	+	Hange	Hange	Hange	Hange	Flange	Hange	Foot								
J PUMP DEIAILS	Port Type		Н	11/2" Flanged	-	_		1'/2" Flanged	11/2" Flanged	1'/2" Flanged		1'/2" Flanged	_	1/2" BSP		3/4" BSP		3/4" BSP		3/4" BSP	3/4" BSP	3/4" BSP			3/4" BSP	-	-	-	_	_	-	7	-	-	-	2" Flanged	2" Flanged	2" Flanged		1" BSP	1" BSP	2" Flanged
JABSCO	Origin Pump Size		200	200	200	200	200	200	200	200	200	200	040	040	040	040	040	040	040	040	040	040	040	040	040	040	040	200	200	020	020	7/0	270	270	270	270	270	270	080	080	080	200
¥	Origi		ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	+	H	-		-	ž	ž	ž	ž	ž	ž	ž
	Pump Number		10880-0051	10880-0101	10880-0151	10880-07	10880-21	10880-2461	10880-2561	10880-2611	10880-2661	10880-62	10950-200	10950-201	10950-204	10950-205	10950-2101	10950-2141	10950-2201	10950-2241	10950-2401	10950-2441	10950-2451	10950-2601	10950-2701	10970	10970-21	10980-0051	10980-01	11000	11000-01	1010-00111	11100-01-01	11100-0141	11100-0111	11100-0541	11100-0601	11100-0641	11120-200	11120-204	11120-205	11150-0011

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# Flexible Impeller Pumps Spares by Pump Model 11260-200 to 11860-0007 JABSC0°

	JABSCO		PUMP DEIAIL	AILS		SE	SERVICE	KIT DET	DETAILS					GENERAL	IL PARTS	S LISTING	D Z			
Pump Number	Origin Pump Size	oump Port Type Size	Mount Type	∓ ° selete	Alternate Part No	Kit Number	Gasket/ O Ring	Impeller *OEM supply only	Water Seal	End Cover Screws	Cam	Cam Screw	Pump End Oil Seal	Pump End Bearing	Drive End Oil Seal	Drive End Bearin	Shaft	Wearplate	Endcover	Body OEM supply only
				90		Key	-	2	е	4	2	9	7	æ	6	10	=	12	13	14
11260-200	Н	010 1/4" BSP	Flange	x ae	29300-2101C	SK266	1126	4528-0001	SP2701-04	SP1002-01	AL8	SP1002-09	1	I	!	1	11227	1	AL6-200	11264-200
11260-205	Ϋ́	010 1/4" BSP	Flange	x ab	29300-2151C	SK266	1126	4528-0001	SP2701-04	SP1002-01	AL8-01	SP1002-01	1	1	!	1	11227	1	AL6-200	11264-200
11260-2101	Ϋ́	010 3/4" BSP	Flange	x ab	29300-2201C	SK266	1126	4528-0001	SP2701-04	SP1002-01	AL8	SP1002-09	1	ı	!	I	11227	I	AL6-200	11264-2100
11260-211	Ϋ́	010 1/4" BSP		x ae		SK266	1126	4528-0001	SP2701-04	SP1002-01	AL8	SP1002-09	1	1	!	1	21537	1	AL6-200	11264-200
11260-2151	Ϋ́	010 %" BSP	Flange	x ab	29300-2151C	SK266	1126	4528-0001	SP2701-04	SP1002-01	AL8-01	SP1002-01	1	ı	!	I	11127	I	AL6-200	11264-2100
11260-2211	Ϋ́	010 3/4" BSP	Flange	x ab		SK266	1126	4528-0001	SP2701-04	SP1002-01	AL8	SP1002-09	1	1	!	I	21537	1	AL6-200	11264-200
11410-200	Н	040 3/4" BSP	Foot	×	Bilge	SK328	11415	1210-0001	22617-0010	SP1003-08	7876	SP1003-01	1	ı	!	I	i	1	I	11414-200
11410-200 Dual		080 1"BSP	Foot	t ,	Cooling	SK328	068	17937-0001	22617-0010	SP1003-11	934	SP1004-09	SP2701-21	SP2600-38	SP2700-47	SP2600-38	9717-21	7883	11416 (Div PI)	10339-221
11430-01	Ϋ́	010 1/4" BSP	Flange	y y		SK272	11438	4528-0001	SP2700-11	SP1002-04	11436	SP1002-01	SP2701-22	ı	!	SP2600-07	11437	2765	11435	11434-01
11470-200		020 Ø 16 Hose		x ag	Bilge	SK325	11475	673-0001	22626-0000	SP1002-03	2907-0001	SP1002-09	1	I	!	I	i	1	I	11474
11470-200 Dual		040 %" BSP	Hange	ge	Cooling	SK325	11476	1210-0001	22626-0000	SP1002-06	490	SP1003-01	SP2701-21	SP2600-13	!	SP2600-13	11447	7883	11478 (Div PI)	10974-221
11570-200	_	020 Ø 16 Hose	se Flange	x ab	Bilge	SK325	11475	673-0001	22626-0000	SP1002-03	2907-0001	SP1002-09	1	1	!	1	i	1	1	11474
11570-200 Dual	ž	040 %" BSP	Flange	ge	Cooling	SK325	11476	1210-0001	22626-0000	SP1002-06	490	SP1003-01	SP2703-02	SP2601-39	SP2701-15	SP2601-39	11577	7883	11478 (Div PI)	10554-221
11590-204	_	040 %" BSP	Foot	×	Bilge	SK285	11415	1210-0001	22645-0000	SP1003-08	7876	SP1003-01	1	1	!	I	i	I	I	11414-200
11590-204 Dual	ž	080 1" BSP		t .	Cooling	SK285	11593	17937-0001	22645-0000	SP1003-11	3255	SP1004-11	SP2700-48	ı	!	SP2600-06	9707-21	4156	11416 (Div PI)	9704-21
11600	USA	1" NPT	Foot	¥		SK299	068	17937-0001	22617-0010	SP1003-09	934	SP1004-09	SP2701-0940	1	SP2700-48	SP2601-42	11608	4156	3993	11604
11620-200	O X	010 1/4" BSP	Flange	x ab	22830-2101	SK23	1189	4528-0001	SP2701-11	SP1002-01	2763	SP1002-03	SP2700-63	ı	!	SP2600-08	1053-11	2765	9266	11624-200
11620-211	-		Hange	x ab		SK23	1189	4528-0001	SP2701-11	SP1002-01	2763	SP1002-03	SP2700-63	ı	!	SP2600-08	1053-11	2765	9266	11624-200
11650-200	-		Flange	x ae		SK266	1126	4528-0001	SP2701-04	SP1002-01	AL8	SP1002-09	1	I	!	ı	11653	1	AL6-200	11654-200
11740-200	ž		_	×		SK300	11746	17937-0001	21849	SP1005-03	934	SP1004-09	I	I	!	I	-	I	I	10634
11740-200 Dual		080 1" Flanged	Foot	±	Cooling	SK300	816	836-0001	21849	SP1005-03	834	SP1005-04	SP2701-54	SP2601-37	SP2700-49	SP2601-37	11749-0000	2574	11745 (Div PI)	11744-200
11740-205	Ϋ́	080 1" BSP	Foot	×	Bilge	SK300	11746	17937-0001	21849	SP1005-03	934	SP1004-09	1	1	!	I	i	1	I	10634
11740-205	NK 2	200 1'/2" Flanged	yed Foot	¥	Cooling	SK300	816	836-0001	21849	SP1005-03	2551	SP1005-05	SP2701-54	SP2601-37	SP2700-49	SP2601-37	11749-0000	2574	11745 (Div PI)	11744-200
11790	NK Z	200   1/2" Flanged	led Hange	ge		SK230	816	836-0001	21849	SP1005-04	834	SP1005-04	1	SP2601-37	SP2701-54	SP2601-41	11796-0010	2574	9336	10584
11790-01	NK 7	200 I'/2" Flanged	led Flange	x ab		SK230	816	836-0001	21849	SP1005-04	834	SP1005-04	1	SP2601-37	SP2701-54	SP2601-41	11258	2574	9336	10584
11850-0101	USA	040 1" Hose	e Hange	x ab	11850-0701	SK117-02	8641	1210-0001	SP6080-08	SP1026-01	8528	SP1030-0100	SP3000-0090	SP2600-0070	!	Ι	11977-0010	8493	9176	11854-0410
11850-0701	-	040 1" Hose	e Flange	ge		SK117-02	8641	1210-0001	SP6080-08	SP1026-01	8528	SP1030-0100	SP3000-0090	SP2600-0070	-	1	11977-0010	8493	9176	11854-0410
11850-0701	USA	040 1" Hose	Hange	ge		1000-11106	8641-0000	1210-0001	0800-08096	91026-0010	8528-0000	91030-0110	93000-0090	92600-0070	!	1	11977-0000	8493-0000	12346-0000	11854-0410
11850-0711	USA	040 1" Hose	Foot	¥		1000-11106	8641-0000	1210-0001	0800-08096	91026-0010	8528-0000	91030-0110	93000-0090	92600-0070	!	ı	11977-0000	8493-0000	12346-0000	11854-0410
11860-0001	USA	080 1" NPT	Foot	±		90118-0001	0000-068	920-003	0800-08096	91003-0010	934-0000	91004-0090	913-0000	92600-0540	1	I	11867-0000	4156-0000	11831-0000	11864-0000
11860-0003	USA		Foot	,		90118-0003	890-0000	920-003	0800-08096	91003-0010	934-0000	91004-0090	913-0000	92600-0540	I	I	11867-0000	4156-0000	11831-0000	11864-0000
11860-0004	-	080 1" NPT		#		90118-0003	0000-068	920-0003	0800-08096	91003-0010	934-0000	91004-0090	913-0000	92600-0540	-	I	11867-0000	4156-0000	11831-0000	11864-0000
11860-0005	-		+	ŧ		90118-0003	890-0000	920-0003	0800-08096	91003-0010	934-0000	91004-0090	913-0000	92600-0540	!	1	11867-0000	-	11831-0000	11864-0000
11860-0006	-	080 1" NPT		¥		90118-0003	890-0000	920-0003	0800-08096	91003-0010	934-0000	91004-0090	913-0000	92600-0540	!	I	11867-0000	_	11831-0000	11864-0000
11860-0007	USA	080 1" NPT	Foot	ŧ		90118-0003	890-0000	920-0003	96080-080	91003-0010	934-0000	91004-0090	913-0000	92600-0540		1	11867-0000	4156-0000	11831-0000	11864-0000



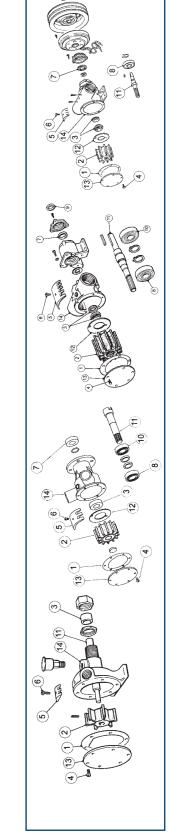
# Flexible Impeller Pumps Spares by Pump Model 11870-0001 to 17530-0000

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	Body OEM supply only	14	18753-0585	18753-0585	18753-0585	18753-0585	18753-0585	18753-0585	12054-0000	12284-0000	12604-0000	12604-0000	12604-0000	14214-0000	10584-0010	Obsolete	798-0020	Proprietary	14622	Obsolete	Proprietary	17054-0000	17054-0000	Obsolete	Obsolete	Obsolete	17124-0000	17204-0000			Obsolete	Obsolete	Obsolete	Obsolete	17404-0000	Obsolete		Proprietary	Proprietary	Proprietary	Proprietary	Proprietary
	Endcover	13	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12055-0000	12294-0000	12179-0000	12179-0000	12179-0000	11830-0000	12062-0000	Obsolete	11831-0000	12062-0000	14625	11831-0000	11831-0000	11831-0000	11831-0000	17232-0000	17232-0000	17232-0000	11833-0000	14937-0000	17232-0000	17378-1000	17232-0000	17232-0000	17232-0000	17232-0000	17232-0000	1	17378-1000	12062-0000	12062-0000	12062-0000	12062-0000	18784-1000
	Wearplate	12	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	8493-0000	i	12606-0000	12606-0000	12606-0000	7038-0000	2574-0000		4156-0000	2574-0000	7868	7868-0000	4156-0000	7868-0000	7868-0000	17108-0000	17108-0000	17108-0000	i	i	17108-0000	17372-1000	17108-0000	17108-0000	17108-0000	17108-0000	17847-0000	17108-0010	17372-1000	2574-0000	2574-0000	2574-0000	2574-0000	18787-0000
,	Shaft	11	11877-0000	11877-0000	11877-0000	11877-0000	11877-0000	11877-0000	12057-0000	12287-0000	12607-0000	12607-0000	12607-0000	14217-0000	14307-0000	Obsolete	6718-0000	Proprietary	14627	Obsolete	Proprietary	7267-0000	7267-0000	1	1	1	17127-0000	14206-0000	-	-	-	-	-	-	17388-0010	Obsolete	17366-1010	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary
LISIIN	Drive End Bearin	10	-	-	-	-	-	-	-	-	1	-	-	-	92600-0260	92600-0460	1	92600-0260	1	1	_ 	1	1	ı	1	1			-	-	-	-	-	92600-0460 1		ı	18752-0000 1	18753-0140	18753-0140	18753-0140	-	8753-0592
- PAKIS LISIING	Drive End Oil Seal	6	1	1	1	1	1	1	1	1	1	1	1	1		-	914-0000	-	1	818-0000	1	1	ı	1	ı	1	1	ı		1		1			1	1	-			-	1	1
GENERAL	Pump End Bearing	80	92600-0040	92600-0040	92600-0040	92600-0040	92600-0040	92600-0040	92600-0070	0900-00926	92600-0040	92600-0040	92600-0040	92600-0060	92600-0260	92600-0460	92600-0540	92600-0260	SP2600-25	92600-0060	92600-0060	92600-0060	92600-0060	1	ı	ı	ı	ı		18752-0000	92600-0460	92600-0460	92600-0460	92600-0460			18752-0000	18753-0140	18753-0140	18753-0140	18753-0140	92601-0471
٠	oil Seal	7	817-0000	817-0000	817-0000	817-0000	817-0000	817-0000	0	913-0000	817-0000 5	817-0000	817-0000 5	913-0000	92701-0180	I	913-0000	92701-0060	SP2700-48	913-0000	913-0000	913-0000	913-0000	1	ı	1	1	1	-	92701-0180	I	I	I		I	1	-	92700-0180	92700-0180	92700-0180	-	0270-10750
	Cam Screw	9	91004-0040	91004-0040	91004-0040	91004-0040	91004-0040	91004-0040	91003-0110 9	1	1	1	1	91003-0070	91005-0040	91003-0070	91003-0010	91005-0040	SP1003-01	91003-0010	91004-0090	91003-0020	91003-0020	1	ı	ı	91002-0090	91004-0090			ı	1	ı	1	1	91004-0100	6	91005-0040	91005-0040	91005-0050	91005-0050	I
	Cam	2	834-0001	834-0001   9	834-0001 9	834-0001 9	834-0001 9	834-0001 9	8528-0000   9		12176-0000	12176-0000	12176-0000	6148-0040   9	834-0001 9	490-0000	934-0000 9	834-0001 9	7867	7867-0000   9		7873-0000   9	7873-0000   9	1	i	-	-	10182-0000   9		17374-1000	1	i	1	i	i	_	17374-1000	834-0001 9	834-0001 9	2551-0000 9	-	18785-0000
	End Cover Screws	4	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	_	91003-0010	91005-0040	91005-0040	91005-0040	91002-0020	91005-0040	91003-0010	91003-0010	91095-0060	SP1014-03	01003-0010	91003-0010	91003-0010	91003-0010	Obsolete	Obsolete	Obsolete	_	91003-0010	_	91005-0040	I	1	I	1	91095-0540	-	91005-0040	18753-0332	18753-0332	18753-0332	_	1106-0236
1	Water Seal	3	6407-0010	6407-0010	6407-0010   9	6407-0010   9	6407-0010   9	6407-0010   9		5 0800-08096	6408-0000	6408-0000   9	6408-0000   9	5 0800-08096	6408-0000 5	5 0800-08096	5 0800-08096	6408-0000   5	SP6080-08	5 0800-08096	5 0800-08096	5 0800-08096	-	0800-08096	0800-08096	0800-08096	-	-	-	-	92700-0060	92700-0060	92700-0060	-	5 0800-08096	0800-08096	96080-0371   9	6408-0000 1	6408-0000 1	6408-0000 1	-	06080-0371   0
KII DEIAILS	Impeller *OEM supply only	2	836-0003	836-0003	836-0003	836-0003	836-0003	836-0003	-	17937-0001	17935-0001	17935-0001	17935-0001	1210-0001	17935-0001	1210-0001	17937-0001	17935-0001	4598-0001	17937-0001	17937-0001	17937-0001	17937-0001 9	17937-0001 9	-	17937-0001 9	-	-	-	-	н	-	1	_	3085-0001 9	_	7936-0001	17935-0001	17935-0001	17935-0001	-	18786-0001 9
SERVICE R	Gasket/ O Ring		816-0000	816-0000	816-0000	816-0000	816-0000	816-0000	-	12288-0000 1	12608-0000 1	12608-0000 1	12608-0000 1	3298-0000	816-0000	10183-0000	890-0000	816-0000 1	068	3101-0000 1	3101-0000 1	3101-0000 1	÷	17106-0000 1	Ť	00	-			_		-	-		17408-0000	17445-0000 1	17365-1000 1	816-0000 1	816-0000	2553-1000 1	-	1358 1
NE.	Kit Number	Key	90062-0003	90062-0003	90062-0003	90062-0003	90062-0003	90062-0003		90155-0001	-	_		1000-11106			90118-0001		SK153				.,	90179-0001	-	-	90178-0001		-	90190-0001	=		-	-	90187-0012 1	90181-0001						0
	Alternate Part No		Ü	0,	01	01	0,	0,	01	01				0,			01							01	01	0.	-	18930-0010		01				_	18830-1020	01						
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1	Mount Type		Foot	Foot	Foot	Foot	Foot	Foot	Flange	Hange	Flange	Hange	Flange	Flange	Foot			Flange	Hange	Flange	Flange	Hange	Flange	Hange	Flange	Hange	Flange	Flange	Hange	Hange					Flange			Hange	Hange	Flange	Flange	Flance
FUMP DEIAILS	Port Type		11/4" NPT	11/4" NPT	11/4" NPT	11/4" NPT	11/4" NPT	11/4" NPT	³/4" Hose	Ø 32 Hose	3" Hose	3" Hose	3" Hose	³/4" Hose	1'/2"Flanged		1" NPT	2" Flanged	1" Hose	3/4" Flanged	3/4" Flanged	11/4" Flanged	11/4" Flanged	1'/4" NPT	11/4" NPT	11/4" NPT	3%" NPT	11/4" Hose		2'/2" Flange					1" Hose			2'/2" Flange	2'/2" Flange	21/2" Flange	2'/2" Flange	3" Flance
2	Pump Size		200	200	200	200	200	200	080	080	200	200	200	040	200	040	080	200	080	080	080	080	080	080	080	080	010	080	120	200	080	080	080	080	040	080	270	200	200	200	200	370
JABSCO	Origin Pump Size		NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	USA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	USA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	USA
	Pump Number		11870-0001	11870-0003	11870-0004	11870-0005	11870-0006	11870-0007	12050-0001	12280-0001	12600-0001	12600-0011	12600-0021	14210-0001	14300-0001	14320-0001	14420-0001	14440-0001	14620	17030-0001	17040-0001	17050-0001	17050-0002	17100-0001	-	17100-0011	-	-	+		17380-0001		+		17410-0001	17440-0001	17490-0001	17520-0001	17520-0002	17520-0051	-	17530-0000

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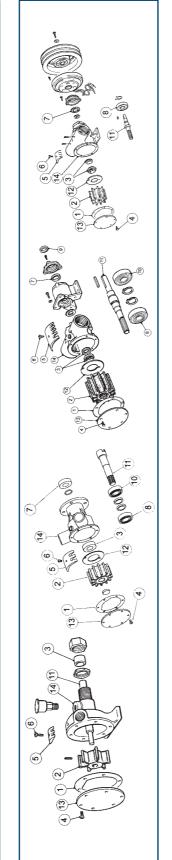
## Flexible Impeller Pumps Spares by Pump Model 17540-0001 to 18930-0020 JABSC0°

	Body OEM supply only	14	Proprietary	10584-0010	Proprietary	18203-0000	18203-0000	18313-0002	18313-0002	18313-0003	18313-0003	18313-0003	18313-0000	18313-0000	18313-0000	18313-0004	18313-0001	i	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	Proprietary	18773-0000	18773-0000	18773-0000		Proprietary	Proprietary	Proprietary	Proprietary	18826-1000	18834-1000	18834-1000	18834-1000	18834-1000	18834-1000	18944-1000	18944-1000	18944-1000
	Endcover	13	18784-1000	12062-0000	7	17378-1000	17378-1000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	12062-0000	11830-0000	17378-1000	17378-1000	17378-1000	17378-1000	17378-1000	17378-1000	18784-1000	18784-1000	18784-1000		18784-1000	18784-1000	18784-1000	18784-1000	1	l	-	i	-	i	i	-	i
	Wearplate	12	18787-0000	2574-0000	17272-1000	17372-1000	17372-1000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	2574-0000	5211-0000	17372-1000	17372-1000	17372-1000	17372-1000	17372-1000	17372-1000	18787-0000	18787-0000	18787-0000		18787-0000	18787-0000	18787-0000	18787-0000	!	!	-	!	!	!	!	-	!
פ	Shaft	11	Proprietary	17807-0001	Proprietary	18204-0000	18204-0000	10657-0010	10657-0010	10677-0010	10677-0010	10677-0010	10677-0010	10677-0010	10677-0010	10487-0010	10487-0010	18404-0000	17366-1000	17366-1000	17366-1000	17366-1000	17366-1000	17366-1000	18753-0525	18753-0525	18753-0525		Proprietary	Proprietary	Proprietary	Proprietary	18827-1000	18836-1000	18836-1000	18836-1000	18836-1000	18836-1000	18836-1000	18836-1000	18836-1000
GENERAL PARTS LISTING	Drive End Bearin	10	i	i	18752-0000	92600-0320	92600-0320	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0130	18752-0000	18752-0000	18752-0000	18752-0000	18752-0000	18752-0000	18753-0526	18753-0526	18753-0526		18752-0000	18752-0000	18752-0000	18752-0000	92600-0120	92600-0120	92600-0120	92600-0120	92600-0120	92600-0120	92600-0120	92600-0120	92600-0120
L PART	Drive End Oil Seal	6	1	i	-	i	i	i	i	i	i	i	-	i	i	818-0000	818-0000	i	i	i	i	i	i	i	i	i	i		i	i	i	i	i	i	-	i	i	i	i	1	i
GENERA	Pump End Bearing	80	92601-0471	92600-6260	18752-0000	92600-0320	92600-0320	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0260	92600-0130	18752-0000	18752-0000	18752-0000	18752-0000	18752-0000	18752-0000	18753-0527	18753-0527	18753-0527		18752-0000	18752-0000	18752-0000	18752-0000	92600-0120	92600-0120	92600-0120	92600-0120	92600-0120	92600-0120	92600-0120	92600-0120	92600-0120
	Pump End Oil Seal	7	92701-0180	817-0000	92701-0180	817-0000	817-0000	92700-0180	92701-0180	92701-0180	92701-0180	92701-0180	92701-0180	92701-0180	92701-0180	92701-0180	92701-0180	92700-0060	92700-0180	92700-0180	92700-0180	92700-0180	92700-0180	92700-0180	92701-0180	92701-0180	92701-0180		92701-0180	92701-0180	92701-0180	92701-0180	!	!	-	!	!	!	!	-	!
	Cam Screw	9	!	91005-6040	-	!	!	91004-0040	91004-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91003-0090	!	!	!	!	!	!	!	!	!		!	!	!	!	91004-0090	91003-0010	91003-0010	91003-0010	91003-0010	91003-0010	91004-0090	91004-0090	91004-0090
	Cam	2	18785-0000	834-0001	17374-1000	17374-1000	17374-1000	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	0000-8869	5211-0000	17374-1000	17374-1000	17374-1000	17374-1000	17374-1000	17374-1000	18785-0000	18785-0000	18785-0000		18785-0000	18785-0000	18785-0000	18785-0000	18829-1000	490-0001	490-0001	490-0001	490-0001	490-0001	10182-0000	10182-0000	10182-0000
	End Cover Screws	4	91106-0236	91095-0060	i	18753-0332	18753-0332	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91002-0020	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	91005-0040	18753-0495	18753-0495	18753-0495		18753-0495	18753-0495	18753-0495	18753-0495	18753-0001	18753-0001	18753-0001	18753-0001	18753-0001	18753-0010	18753-0001	18753-0001	18753-0001
AILS	Water Seal	ж	96080-0371	6408-0000	96080-0371	96080-0371	96080-0371	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	6408-0000	92700-0060	96080-0371	96080-0371	96080-0371	96080-0371	96080-0371	96080-0371	96080-0371	96080-0371	96080-0371		96080-0371	96080-0371	96080-0371	96080-0371	0800-08096	0800-08096	0800-08096	0800-08096	0800-08096	0800-08096	0800-08096	0800-08096	0800-08096
KIT DETAILS	Impeller *OEM supply only	2	18786-0001	17935-0001	17370-0001	17370-0001	17370-0001	17936-0001	6760-0003	17936-0001	17936-0001	17936-0001	6760-0003	6760-0003	6760-0003	17936-0001	17936-0001	1210-0001	17370-0001	17370-0001	17370-0001	17370-0001	17370-0001	17370-0001	18789-0001	18789-0001	18789-0001		18786-0001	18786-0001	18786-0001	18786-0001	17937-0001	1210-0001	1210-0001	3085-0001	1210-0001	3085-0001	11979-0001	11979-0001	11979-0001
SERVICE	Gasket/ O Ring	-	92000-1358	816-0000	17365-1000	17365-1000	17365-1000	816-0000	816-0000	816-0000	816-0000	816-0000	816-0000	816-0000	816-0000	816-0000	816-0000	5212-0000	17365-1000	17365-1000	17365-1000	17365-1000	17365-1000	17365-1000	18753-0434	18753-0434	18753-0434		18753-0434	18753-0434	18753-0434	92000-1358	18753-0005	18753-0005	18753-0005	18753-0005	18753-0005	18753-0005	18753-0005	18753-0005	18753-0005
S	Kit Number	Key		1101-61006				90254-0001	90254-0003	90254-0001	90254-0001	90254-0001	90254-0003	90254-0003	90254-0003	90254-0001	90254-0001	90033-0001	90190-0001	90190-0001	90190-0001	90190-0001	90190-0001	90190-0001									90171-0001	90180-0001	90180-0001		90180-0001		90184-0001	90184-0001	90184-0001
	Alternate Part No																																								
LS	ətələs	qo	L																									×	_												_
DETAI	Mount Type			Flange	Flange	Flange	Flange	Foot	Flange							Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange									
JABSCO PUMP DETAILS	Port Type			21/2" Flange	21/2" Flange	3" Hose	3" Hose	11/2" NPT	2" NPT	11/2" NPT	11/2" NPT	11/2" NPT	2" NPT	2" NPT	2" NPT	11/2" NPT	2" NPT	3/4" NPT							21/2" Flanged	21/2" Flanged	21/2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged	11/2" Hose	1" Hose	1" Hose	1" Hose	1" Hose	1" Hose	1'/4" Hose	1¹/4" Hose	1'/4" Hose
SCO	Pump Size		370	200	200	200	200	270	270	270	270	270	270	270	270	270	270	040	200	200	200	200	200	200	370	370	370	370	370	370	370	370	080	040	040	040	040	040	080	080	080
JAB	Origin Pump Size		NSA	NSA	NSA	NSA	NSA	USA	NSA	NSA	NSA	NSA	USA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA	NSA
	Pump Number		17540-0001	17810-1000	17970-0000	18200-0000	18200-0002	18300-0000	18310-0000	18320-0000	18320-0001	18320-0002	18330-0000	18330-0001	18330-0002	18340-0000	18370-0000	18400-0050	18760-0001	18760-0002	18760-0003	18760-0004	18760-0013	18760-3000	18770-0003	18770-0004	18770-0005	18780-0000	18780-0001	18780-0003	18780-0013	18790-0001	18825-0010	18830-0000	18830-0010	18830-1020	18840-0010	18840-1010	18930-0000	18930-0010	18930-0020



# Flexible Impeller Pumps Spares by Pump Model

1.	894	40	)-(	0	02	0	to	)	2	1	7.	<i>80</i>	)					-				-															_	
	Body OEM supply only	14	18944-1000	11414-200	6424-221	11414-200	6424-221	10974-200	10974-200	10329-02	21113-200	11264-201	11264-2110	21113-200	10329-200	10329-200	10329-200	10329-200	10329-200	10329-200	10329-200	10329-200	10329-200	10329-200	10329-200	10329-200	10329-200	21183	21183	11474	3274-221	10329-200	21684	21699	21699	16554-200	21774	21784
	Endcover	13	-	1	11416 (Div PI)	1	11416 (Div PI)	3993	3993	3993	1	21116 (Div PI)	1	21116 (Div PI)	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	9336	9336	1	11748 (Div PI)	3993	9336	3992	3992	21695-200	21775	3993
	Wearplate	12	1	Assy 7884		Assy 7884	4156	7883	7883	21168	1	1	1		4156	4156	4156	4156	4156	4156	4156	4156	4156	4156	4156	4156	4156	2574	2574		Assy. 7884	4156	2574	7883	7883	9496	7883	4156
ی	Shaft	11	18836-1000	1	21087	1	21087	ļ	21098	11127-02	!	21133	ļ	21133	10957-01	10957-01	10957-01	22927-0010	22927-0010	22927-0010	22927-0010	10957-01	23377-0010	23377-0010	23377-0010	23377-0010	23377-0010	21186	21186	!	21197	21587	9527	21698	21698	21698	21777	21788
S LISTIN	Drive End Bearin	10	92600-0120	1	SP2600-06	1	SP2600-06	1	1	SP2601-10	ı	1	ı	1	ı	1	1	1	SP2600-01	1	SP2600-01	1	I	1	I	I	I	SP2601-30	SP2601-30	1	SP2600-07	SP2601-39	SP2600-04	SP2601-44	SP2601-44	SP2601-44	1	SP2600-04
GENERAL PARTS LISTING	Drive End Oil Seal	6	!	ļ	SP2700-47	1	SP2700-47	1	!	ļ	!	!	ļ	1	ļ	ļ	!	!	!	ļ	!	ļ	ļ	1	!	1	!	-	!	!	ļ	!	SP2700-49	!	!	!	SP2701-01	SP2700-49
GENER	Pump End Bearing	8	92600-0120	1	ı	1	1	1	ı	SP2601-10	ı	I	ı	1	SP2601-39	SP2601-39	SP2601-39	SP2601-39	SP2600-01	SP2601-01	SP2600-01	SP2601-39	SP2601-01	SP2601-39	SP2601-01	SP2601-01	SP2601-01	SP2601-30	SP2601-30	I	I	SP2601-39	1	SP2601-44	SP2601-44	SP2601-44	ı	1
	Pump End Oil Seal	7	1	1	SP2700-48	1	SP2700-48	1	ı	SP2701-21	ı	I	ı	I	SP2701-21	SP2701-51	SP2701-51	1	SP2701-21	SP2701-39	SP2700-50	SP2701-21	SP2701-21	SP2701-21	1	SP2700-50												
	Cam Screw	9	91004-0090	SP1003-01	SP1004-09	SP1003-01	SP1004-10	SP1003-01	SP1003-09	SP1004-09	SP1002-02	SP1002-09	SP1002-02	SP1002-01	SP1004-09	SP1004-09	SP1004-11	SP1004-09	SP1004-11	SP1004-09	SP1004-11	SP1004-09	SP1004-09	SP1004-11	SP1004-09	SP1004-11	SP1004-09	SP1005-04	SP1005-05	SP1002-09	SP1003-01	SP1004-09	SP1005-05	SP1003-01	SP1003-09	SP1003-01	SP1003-07	SP1004-09
	Cam	2	10182-0000	Assy 7884	934	Assy 7884	3225	490	10336	21167	AL8	AL8	AL8	AL8	934	934	3255	934	3255	934	3255	934	934	3255	934	3255	934	834	2551	2907	Assy 7884	934	2551	490	10336	490	490	21789
	End Cover Screws	4	18753-0010	SP1003-11	SP1003-08	SP1003-11	SP1003-08	SP1002-02	SP1005-04	SP1003-09	SP1002-03	SP1002-17	SP1002-03	SP1002-17	SP1003-09	SP1005-04	SP1005-04	SP1002-06	SP1002-03	SP1003-09	SP1005-04	SP1002-02	SP1002-02	SP1002-02	SP1003-09	SP1005-04												
AILS	Water Seal	8	0800-08096	SP2701-21	SP2701-21	SP2701-21	SP2701-21	22626-0000	21849	22626-0000	SP2701-04	SP2701-04	SP2701-04	SP2701-04	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	22617-0010	21849	21849	SP2701-21	SP2701-21	22626-0000	21849	22626-0000	22626-0000	22626-0000	SP2701-01	21849
KIT DETAILS	Impeller *oem supply only	2	11979-0001	1210-0001	17937-0001	1210-0001	17937-0001	1210-0001	836-0001	17937-0001	4528-0001	4528-0001	4528-0001	4528-0001	17937-0001	17937-0001	17937-0001	17937-0001	17937-0001	17937-0001	17937-0001	920-0008	920-0001	17937-0001	920-0001	17937-0001	17937-0001	836-0001	836-0001	673-0001	1210-0001	17937-0001	17935-0001	1210-0001	1210-0001	1210-0001	4568-0001	836-0001
SERVICE	Gasket/ O Ring	1	18753-0005	11415	890	11415	890	3298	816	890	21117	21117	21117	21117	890	890	890	890	890	890	890	890	890	890	890	890	890	816	816	11476	11475	890	816	3298	3298	3298	4908	816
S	Kit Number	Key	90184-0001	SK330	SK330	SK330	SK330	SK239	SK230	SK288	SK304	SK304	SK304	SK304	SK229	SK229-0008	SK423-0001	SK229	SK423-0001	SK229	SK229	SK293-01	SK293-01	SK327	SK327	SK229	SK315-0101	SK239	SK239	SK239	SK309	SK230						
	Alternate Part No			Bilge	Cooling	Bilge	Cooling	21090-204			21130-2101	21130-2101	Bilge	Coolina	21140-2401	21140-2401	21140-2401	21140-2601	21140-2601	21140-2601	21140-2601									Bilge	Cooling							
۱۲۰ ۱۲۰	etelete	qo	e e	×		×		×	×	×	×	×	×	e e	×	×	×	×	×	×	×	e	a	×	e e	e e	×	×	×	×		×	×	×	×	×	×	×
UE IA	Mount Type		Hange	Foot	Foot	Foot	Foot	Flange	Flange	Foot	Flange	Hange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Hange	Flange	Flange	Flange	Hange	Flange	Flange	Foot	Foot	Flange	Foot	Flange	Flange	Flange	Flange	Foot
JABSCO PUMP DEIAILS	Port Type		11/4" Hose	1/2" BSP	1" Flanged	3/4" BSP	1" BSP	3/4" BSP	3/4" BSP	1" BSP	3%" BSP	¾" BSP	3%" BSP	3%" BSP	1" BSP	1" BSP	1" BSP	1" BSP	1" BSP	1" BSP	1" BSP	1" BSP	1" BSP	1" BSP	1" BSP	1" BSP	1" BSP	1'/4" Flanged	1'/4" Flanged	3% BSP	1/2" BSP	1" BSP	11/4" NPT	Ø 20 Hose	Ø 20 Hose	3/4" BSP	Ø 32 Hose	11/4" BSP
200	Pump Size		080	040	080	040	080	040	040	080	010	010	010	010	080	080	080	080	080	080	080	080	080	080	080	080	080	200	200	020	040	080	080	040	040	040	040	200
JAB	Origin Pump Size		NSA	ž	¥	ž	ž	ž	Ϋ́	¥	¥	¥	ž	ž	ž	ž	¥	¥	ž	ž	š	ž	ž	ž	š	ž	ž	ž	š	ž	ž	ž	š	ž	Ϋ́	ž	ž	ž
	Pump Number		18940-0010	21080-200	21080-200 Dual	21080-204	21080-204 Dual	21090-200	21090-204	21100	21130-200	21130-200 Dual	21130-2101	21130-2101 Dual	21140-200	21140-201	21140-204	21140-2101	21140-2141	21140-2201	21140-2241	21140-2308	21140-2401	21140-2441	21140-2601	21140-2641	21140-2701	21180	21180-05	21190-200	21190-200 Dual	21580-200	21680-05	21690	21690-05	21690-200	21770	21780



## Flexible Impeller Pumps Spares by Pump Model 21810 to 22350-200 JABSC0°

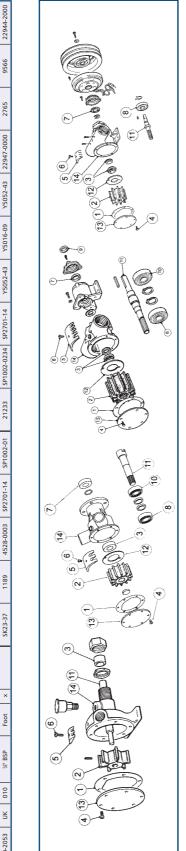
Pump Origin Pump Size Number 21810 UK 200 21810-01 UK 200 21820-200 UK 040 21820-2003 UK 040 21880-200 UK 200 Dual 21880-2005 UK 200 21880	Port Type	H			2	SEKVICE	KII DEIAILS	7 I I S					GENEKAL	AL PAKIS	o LIVIING	2			
UK U	11/4" BSP	Mount	etelete	Alternate Part No	Kit Number	Gasket/ O Ring	Impeller OEM supply only	Water E	End Cover Screws	Cam	Cam Screw	Pump End Oil Seal	Pump End Bearing	Drive End Oil Seal	Drive End Bearin	Shaft	Wearplate	Endcover	Body OEM supply only
01 UK 0200 UK 02001 UK 02001 UK 020021 UK 02002 UK 02000 UK 0200 UK 0200 UK	11/4" BSP	.0	qo		Key	-	2	3	4	5	9	7	8	6	10	11	12	13	14
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		Foot	×		SK310	Г	17018-0001	22617-0000	SP1003-09	834	SP1005-04	SP2700-50	SP2600-18	-	!	21238	2574	9336	10584-11
3 3 3 3 3 3 3 3 3	1'/4" BSP	Foot	×		SK230	816	836-0001	21849	SP1005-04	834	SP1005-04	SP2700-50	SP2600-18	!	!	21238	2574	9336	10584-11
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1/2" BSP	Foot	×	52040-2001	SK33	3298	1210-0001	SP2701-21 S	SP1002-02	490	SP1003-01	SP2701-21	!	SP2701-15	SP2600-07	21826	7883	3992	21824-200
* * * * * * * * * * * * * * * * * * *	3/4" BSP	Foot	× 52	52040-2001	SK33	3298	1210-0001	SP2701-21 S	SP1002-02	490	SP1003-01	SP2701-21	!	SP2701-15	SP2600-07	21826	7883	3992	21824-2100
333333	3/4" BSP	Foot	×	52040-2003	SK384-0003	3298	1210-0003	SP2700-1027	SP1002-02	490	SP1003-01	2701-21	!	SP2701-15	SP2600-07	21826	7883	3992	21824-2100
3 3 3 3 3	3/4" BSP	Foot	×	52040-2021 S	SK384-2021	3298	3085-0001 S	SP2700-1027 S	SP1002-02	490	SP1003-01	2701-21	!	SP2701-15	SP2600-07	21826	7883	3992	21824-2100
<b>3333</b>	1/2" BSP	Foot	-	_	SK33	3298	Н	SP2701-21	SP1002-02	10336	SP1003-09	SP2701-21	!	SP2701-15	SP2600-07	21826	7883	3992ab	21824-200
0-200 UK	1" BSP	Foot	×	Bilge	SK300	11746	17937-0001	21849	SP1005-03	934	SP1004-09	1	!	1	1	i	4156	1	6404-200
0-205 UK	1'/4" BSP	Foot		Cooling	SK300	816	836-0001	21849	SP1005-03	834	SP1005-04	SP2700-50	!	SP2700-49	SP2700-04	21887	2574	11745 (Div PI)	6404-200
<b>3</b> 3																			
Ϋ́	1" BSP	Foot	×	Bilge	SK300	11746	17937-0001	21849	SP1005-03	2551	SP1005-05	1	!	-	!	i	2574	1	11744-200
	1'/4" BSP	Foot		Cooling	SK300	816	836-0001	21849	SP1005-03	934	SP1004-09	SP2700-50	-	SP2700-49	SP2700-04	21887	4156	11745 (Div PI)	6404-200
						1	_	+											
ž	11/2" BSP	Flange	×	10880-2611	SK310	068	=	-	SP1003-09	2551	SP1005-05	I	!	!	!	i	2574	3993	10329-200
ž	1" BSP	Foot	× 20	50080-2001	SK229	890	17937-0001 2	-	SP1003-09	934	SP1004-09	SP2700-48	SP2601-42	SP2701-87	!	21966	4156	3933	10329-200
21960-210 UK 080	1" BSP	Foot	× 20	50080-2101	SK229	068	17937-0001 2	22617-0010	SP1003-09	934	SP1004-09	SP2700-48	SP2601-42	SP2701-87	!	21966	4156	3933	10329-200
21960-211 UK 080	1" BSP	Foot	× 20	50080-2201	SK229	890	17937-0001	22617-0010	SP1003-09	934	SP1004-09	SP2700-48	SP2601-42	SP2701-87	!	21966	4156	3933	10329-200
21960-221 UK 080	1" BSP	Foot	× 50	50080-2301	SK229	068	17937-0001	22617-0010 8	SP1003-09	934	SP1004-09	SP2700-48	SP2601-42	SP2701-87	!	21966	4156	3933	10329-200
21980 UK 200	1'/4" BSP	Foot	×		SK230	816	836-0001	21849	SP1005-04	834	SP1005-04	SP2701-86	SP2601-37	!	SP2601-37	21997	2574	9336	10634
21990 UK 270	2" Flanged	Foot	×		SK254	816	21676-0001	21849	SP1005-04	8869	SP1005-04	SP2701-86	SP2601-37	!	SP2601-37	21997-01	2574	9336	10494
22040-01 UK 270	2" Flanged	Flange				4009	17936-0001	21849	SP1005-04	6988	SP1005-04	SP2700-50	!	-	SP2600-32		2574	9336	11104-02
22040-0131 UK 270	2" Flanged	Flange	× 22	22040-0501	SK318	816	17936-0001	21849	SP1005-04	22039	SP1005-05	SP2700-50	!	-	SP2600-32	21239-0010	2574	9336	11104-03
22040-0501 UK 270	2" Flanged	Flange			SK318	816	17936-0001	21849	SP1005-04	6988	SP1005-04	SP2700-50	!	!	SP2600-32	21239-0010	2574	9336	11104-03
22040-0531 UK 270	2" Flanged	Flange	×		SK318	816	17936-0001	21849	SP1005-04	22039	SP1005-05	SP2700-50	!	!	SP2600-32	21239-0010	2574	9336	11104-03
22110-0201 USA 060	1'/4" Hose	Crank			-	18753-0656	22120-0001	96080-0080	18753-0657	1	1	1	!	-	-	i	1		1
22110-0251 USA 060	1'/4" Hose	Crank				18753-0656	22120-0001	96080-0080	18753-0657	1	1	1	!	-	!	i	ı		
22110-0301 USA 060	1'/4" Hose	Crank			1	18753-0656	22120-0001	96080-0080	18753-0657	1	1	ı	!	!	!	i	I		1
22110-0351 USA 060	11/4" Hose	Crank				18753-0656	22120-0001	96080-0080	18753-0657	1	1	1	-	-	!	i	ı		1
22220-2001 UK 060	1" BSP	Flange			SK334	3298	22120-0001 2	22626-0000	SP8019-01	22318	SP1004-11	SP2701-21	SP2600-13	!	SP2600-13	22227-0100	7883	3992	22224
22220-241 UK 060	1" BSP	Flange			SK334	3298	22120-0001 2	22617-0010	SP1002-01	22318	SP1004-11	SP2701-21	SP2600-13	!	SP2600-13	22227	7883	3992	22224
22230-200 UK 010	¼" BSP	Flange	×	Salt Water	SK332	21117	4528-0001	SP2701-09	SP1107-05	22216	SP1002-02	ı	!	!	!	i	ı	ı	22234-200
22230-200 UK 010	¼ BSP	Flange	Ē	Fresh Water	SK332	21117	4528-0001	SP2701-09 S	SP1107-05	AL8	SP1002-09	1	!	-	!	22237	1	21116 (Div PI)	21913-202
Duplex																			
22240 UK 020	Ø 16 Hose	Flange	×	Salt Water	SK333	9408	673-0001	SP2701-09 S	SP1107-05	22217	SP1002-01	1	-	-	-	i	ı	ı	11474-01
020	Ø 16 Hose	Flange	Œ	Fresh Water	SK333	9408	673-0001	SP2701-09	SP1107-05	10818	SP1002-02	I	-	1	1	22247	I	11478 (Div PI)	22374
200	Ø 22 Hors	Н	_	22740.0251	20.10073	Г	22120.0001	00 000000	600010 01	900000	01,000,10		00 009603			70566		2002	22204
ON 000	32 11036	٠	-	+	20-15575	3230	+	-	3190715052	22300	SF 1004-10		31200000			77277		2566	22304
5	₩ DSF	riange	۰ ×	Sall Water	26220	T	۰	т	D700-6706	01777	3F1002-02	I	!	!	!	i	ı	/6677	7-40777

21824-20	6404-200	6404-200	11744-20	6404-200	10329-20	10329-20	10329-20	10329-20	10329-20	10634	10494	11104-0	11104-0	11104-0	11104-0	I		I	1	22224	22224	22234-20	21913-20	11474-0	22374	22304	22234-20			9						
3992ab	I	11745 (Div Pl)	I	11745 (Div PI)	3993	3933	3933	3933	3933	9336	9336	9336	9336	9336	9336					3992	3992	ı	21116 (Div PI)	I	11478 (Div Pl)	3992	22357					) ) (c)	<b>.</b>			
7883	4156	2574	2574	4156	2574	4156	4156	4156	4156	2574	2574	2574	2574	2574	2574	1	1	1	1	7883	7883	I	1	ı	I	1	1		6			90°	· •	n (6)	)	
21826	i	21887	i	21887	i	21966	21966	21966	21966	21997	21997-01		21239-0010	21239-0010	21239-0010	-	i	-	i	22227-0100	22227	1	22237	i	22247	22307	i		<b>6</b>					) <u> </u>		
SP2600-07	ļ	SP2700-04	!	SP2700-04	!	-	!	!	!	SP2601-37	SP2601-37	SP2600-32	SP2600-32	SP2600-32	SP2600-32	!	!	!	!	SP2600-13	SP2600-13	!	!	!	!	!	!		<u>(9)</u>	( <b>E</b> )	2(12(3)		2	ñ		
SP2701-15	ļ	SP2700-49	!	SP2700-49	!	SP2701-87	SP2701-87	SP2701-87	SP2701-87	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!		0	<b>-</b> -⊚	) (1)	)—( 2)—(			4	
!	!	!	!	!	!	SP2601-42	SP2601-42	SP2601-42	SP2601-42	SP2601-37	SP2601-37	!	!	!	!	-	!	-	!	SP2600-13	SP2600-13	!	1	!	1	SP2600-09	1		0			·				Ð
SP2701-21	1	SP2700-50	I	SP2700-50	I	SP2700-48	SP2700-48	SP2700-48	SP2700-48	SP2701-86	SP2701-86	SP2700-50	SP2700-50	SP2700-50	SP2700-50	1	1	1	1	SP2701-21	SP2701-21	ı	I	ı	1	ı	1		<b>\$</b>				à			
SP1003-09	SP1004-09	SP1005-04	SP1005-05	SP1004-09	SP1005-05	SP1004-09	SP1004-09	SP1004-09	SP1004-09	SP1005-04	SP1005-04	SP1005-04	SP1005-05	SP1005-04	SP1005-05	ı	1	ı	1	SP1004-11	SP1004-11	SP1002-02	SP1002-09	SP1002-01	SP1002-02	SP1004-10	SP1002-02		<b>6</b> 6	N( ( ©				۸.		
10336	934	834	2551	934	2551	934	934	934	934	834	8869	6988	22039	6988	22039	1	1	1	1	22318	22318	22216	AL8	22217	10818	22308	22216			(		(C)			)	
SP1002-02	SP1005-03	SP1005-03	SP1005-03	SP1005-03	SP1003-09	SP1003-09	SP1003-09	SP1003-09	SP1003-09	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	18753-0657	18753-0657	18753-0657	18753-0657	SP8019-01	SP1002-01	SP1107-05	SP1107-05	SP1107-05	SP1107-05	SP8019-01	X3075-062G					S)	A		<b>S</b> )	
SP2701-21	21849	21849	21849	21849	22617-0000	22617-0010	22617-0010	22617-0010	22617-0010	21849	21849	21849	21849	21849	21849	0800-08096	0800-08096	0800-08096	0800-08096	22626-0000	22617-0010	SP2701-09	SP2701-09	SP2701-09	SP2701-09	SP6080-08	SP2701-09			(C)			M	0000	<b>e</b>	<b>®</b>
1210-0001	17937-0001	836-0001	17937-0001	836-0001	17018-0001	17937-0001	17937-0001	17937-0001	17937-0001	836-0001	21676-0001	17936-0001	17936-0001	17936-0001	17936-0001	22120-0001	22120-0001	22120-0001	22120-0001	22120-0001	22120-0001	4528-0001	4528-0001	673-0001	673-0001	22120-0001	4528-0001		( <del>1</del>	-(			) 	<b>⊗</b> 33	<b>)</b>	
3298	11746	816	11746	816	068	890	890	890	068	816	816	4009	816	816	816	18753-0656	18753-0656	18753-0656	18753-0656	3298	3298	21117	21117	9408	9408	3298	1126		(	(2) (5)				- To	( <b>7</b>	9
SK33	SK300	SK300	SK300	SK300	SK310	SK229	SK229	SK229	SK229	SK230	SK254		SK318	SK318	SK318	-	i	-	i	SK334	SK334	SK332	SK332	SK333	SK333	SK331-05	SK336				) (3)	<u></u>	.( <u>.</u> -(.	) 	) B	
	Bilge	Cooling	Bilge	Cooling	10880-2611	50080-2001	50080-2101	50080-2201	50080-2301				22040-0501									Salt Water	Fresh Water	Salt Water	Fresh Water	22740-0351	Salt Water		(	(F)						
×	×		×		×		×	×	×	×	×		×		×							×		×		×			0-	_ `	ل					
Foot	Foot	Foot	Foot	Foot	Flange	Foot	Foot	Foot	Foot	Foot	Foot	Flange	Flange	Flange	Flange	Crank	Crank	Crank	Crank	Flange	Flange	Flange	Flange	Flange	Flange	Crank	Flange					T				
1/2" BSP	1" BSP	11/4" BSP	1" BSP	11/4" BSP	11/2" BSP	1" BSP	1" BSP	1" BSP	1" BSP	11/4" BSP	2" Flanged	11/4" Hose	11/4" Hose	11/4" Hose	11/4" Hose	1" BSP	1" BSP	¼" BSP	1/2 BSP	Ø 16 Hose	Ø 16 Hose	Ø 32 Hose	¼" BSP		<b>6</b>	y ⊗				2						
040	080	200	080	200	120	080	080	080	080	200	270	270	270	270	270	090	090	090	090	090	090	010	010	020	020	090	010			( <del>-</del>		1		$\leq$		
ž	¥	ž	ž	ž	¥	š	ž	ž	ž	ž	ž	¥	ž	ž	ž	NSA	NSA	NSA	NSA	ž	ž	Ϋ́	ž	ž	ž	¥	ž			(13)	;)~( •)~			~		
20-205	80-200	80-200	80-205	80-205	06	60-200	60-210	60-211	60-221	80	06	40-01	40-0131	40-0501	40-0531	10-020-1	10-0251	10-0301	10-0351	20-2001	20-241	30-200	30-200 lex	40	40 lex	90-00	50-200									

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# Flexible Impeller Pumps Spares by Pump Model 22350-200 to 22940-2053

2.	232	50	-20	Į	) į	O	P	22	29	14	10	)-2	0	5	3																						
	Body OEM supply only	14	22354-200	22364	22374	ì	ı		22414	22624	10494	11744-200	22304-01	22304-01	22304-01	22304-01	22304-01	22304-01	22304-02	22304-02	22304-02	22624	22624	22624	23393	23393	22824-200	22824-200	22834-200	22834-200	22834-200	22834-200	22834-2100	22834-2200	22944-2000	22944-2000	22944-2000
	Endcover	13	21116 (Div PI)	22366	11478 (Div PI)				3993	9328	11745 (Div PI)	ı	3992	3992	3992	3992	3992	3992	3992	3992	3992	9328	9328	9328	ı	22366	9266	9926	9266	9266	9266	9266	9266	9266	9266	9266	9266
	Wearplate	12	1	!		!	!		!	1	4156	2574	!	1	-	!	!	!	!	!	1	!	1	!	!	!	2765	2765	2765	2765	2765	2765	2765	2765	2765	2765	2765
5	Shaft	11	22237	1	22247	1	1		6718-202	22627	1	11749-01	22307	22307	22307	22307	22307	22307-0100	22627	22627	22627	22627	22627	22627	ı	22797-01	22827	22827	22837-0000	22827	22757-0000	22757-0000	22757-0000	22757-0100	22947-0000	22947-0000	22947-0000
	Drive End Bearin	10	1	i	l	i	i		SP2600-06	SP2600-09	i	SP2601-37	SP2600-09	SP2600-09	i	i	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43										
GENERAL PARIS LISTING	Drive End Oil Seal	6	SP2701-04	i	SP2701-04	i	i		SP2700-47	i	i	SP2700-49	i	i	i	i	i	i	i	i	i	i	i	i	l	i	-	i	i	i	i	i	i	i	Y5016-09	Y5016-09	Y5016-09
GENERA	Pump End Bearing	8	1	l	ŀ	i	ı		i	i	1	SP2601-37	ı	i	-	l		l	-	l	i	i	i	i	l	i	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43	Y5052-43
	Pump End Oil Seal	7	SP2701-04	!	SP2701-04	!	!		SP2700-48	!	!	SP2701-54	!	1	-	!	!	!	!	!	!	!	1	!	!	!	SP2701-14	SP2701-14	SP2700-11	SP2701-14	SP2701-14	SP2701-14	SP2701-14	SP2701-14	SP2701-14	SP2701-14	SP2701-14
	Cam Screw	9	SP1002-09	SP1002-01	SP1002-02	!	!		SP1004-10	SP1002-01	SP1004-09	SP1005-04	SP1004-10	SP1004-11	SP1004-10	SP1004-11	SP1004-10	SP1004-10	SP1004-10	SP1004-11	SP1004-10	SP1002-01	SP1002-0152	SP1002-01	SP1002-09	SP1002-09	SP1002-03	SP1002-03	SP1002-03	SP1002-0234	SP1002-03	SP1002-0234	SP1002-03	SP1002-03	SP1002-03	SP1002-0234	SP1002-0234
	Cam	5	AL8	10818	22217	1	1		3255	2907-0001	934	8869	22308	22318	22308	22318	22308	22308	22308	22318	22308	2907-0001	2441	2907-0001	2907-0001	22789-0000	21233	2763	2763	21233	2763	21233	2763	2763	2763	21233	21233
	End Cover Screws	4	X3075-062G	X3075-062G	X3075-062G	18753-0657	18753-0657		SP1003-09	SP1004-09	SP1005-03	SP1005-03	SP8019-01	SP8019-01	SP8019-01	SP8019-01	SP8019-01	SP1002-01	SP8019-01	SP8019-01	SP8019-01	SP1004-09	SP1004-09	SP1004-09	X3075-061G	X3075-061G	SP1002-01	SP1002-01	SP1002-01	SP1002-01	SP1002-01	SP1002-01	SP1002-01	SP1002-01	SP1002-01	SP1002-01	SP1002-01
AILS	Water Seal	3	SP2701-09	SP2701-04	SP2701-04	1	1		SP2701-21	SP6080-08	21849	21849	SP6080-08	SP2701-21	SP2701-21	SP2701-04	SP2701-04	SP2701-1462	SP2701-14	SP2701-14	SP2701-14	SP2701-14	SP2701-14	SP2701-14	SP2701-14	SP2701-14	SP2701-14	SP2701-14									
KII DEIAILS	Impeller *OEM supply only	2	4528-0001	673-0001	673-0001	22120-0001	22120-0001		17937-0001	673-0001	17937-0001	21676-0001	22120-0001	22120-0001	22120-0001	22120-0001	22120-0001	22120-0001	22120-0001	22120-0001	22120-0001	673-0001	673-0001	673-0001	22799-0001	22799-0001	4528-0001	4528-0001	4528-0001	4528-0001	4528-0001	4528-0001	4528-0001	4528-0001	4528-0001	4528-0001	4528-0003
SEKVICE	Gasket/ O Ring	1	1126	10817	10817	18753-0656	18753-0656		890	1985-01	11746	816	3298	3298	3298	3298	3298	3298	3298	3298	3298	1985-01	1985-01	1985-01	X4020-254A	22798	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189	1189
^	Kit Number	Key	SK336	SK337	SK337	1	ı		SK236	SK346	SK344	SK344	SK331-05	SK331-0251	SK331-0251	SK331-05	SK331-05		SK331-05	SK331-05	SK331-05	SK346	SK346	SK346	SK350	SK350	SK23	SK23	SK23	SK23	SK23	SK23	SK23	SK23	SK23	SK23	SK23-37
	Alternate Part No		Fresh Water	Salt Water	Fresh Water					29440-1101	Salt Water	Fresh Water			22740-0151	22740-0201			22750-1101			29440-1001	29440-1051	29440-1101	Salt Water	Fresh Water									52010-2001		
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Ī	Mount Type		Flange	N/A	Flange				Flange	Crank	Foot	Foot	Crank	Crank	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Foot	Foot	Foot										
PUMP DEIAILS	Port Type		¼" BSP	Ø 16 Hose	Ø 16 Hose				1" BSP	Ø 25 Hose	1" BSP	2" BSP	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	1" Flanged	Ø 32 Hose	Ø 25 Hose	Ø 25 Hose	Ø 25 Hose	¾" BSP	3%" BSP	3/" BSP	3%" BSP	3%" BSP	¾" BSP	3%" BSP	¾" BSP	%" BSP	3%" BSP	3%" BSP	3%" BSP	3%" BSP				
3	ump Size		010	020	020	090	090	090	080	020	080	270	090	090	090	090	090	090	090	090	090	020	090	070	040	040	010	010	010	010	010	010	010	010	010	010	010
JABSCO	Origin Pump Size		¥		ž	USA	Н	-	Н			ž	ž	Ϋ́	N.	ž	Ϋ́	ž	Ϋ́	ž	Ϋ́		-	¥		ž	ž	ž	ž	Y N	Н	ž	ž	Ϋ́	Ϋ́	-	Α
•	Pump Number		22350-200 Duplex	22360	22360 Duplex	0201	Н		22410-204	22620	22690-200	22690-200 Duplex	22740-0151	22740-0201	22740-0251	22740-0301	22740-0351	22740-0451	22750-05	22750-1101	22750-1151	22770	22770-1051	22770-1101	22790-1001 Duplex	22790-1001	22820-2051	22820-2101	22830-2001	22830-2051	22830-2101	22830-2151	22830-2201	22830-2301	22940-2001	22940-2051	22940-2053



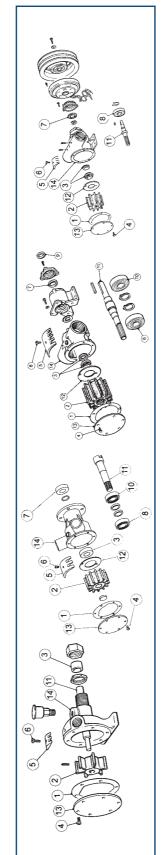
		-		•		-	-		200	-	2			2	_	-	=	æ			-				-					-	-	-	-			
<b>P 2</b>	le. <b>29</b> :	Χί 50	ib )-2	) (e 20	)3	 1	m to	p. 2	<u>3</u> !	6 58	0. إخ	.1	P	<i>u</i>	ın	7	0	S	5		) <i>a</i>	ar	е	S	K	D	/	P	L	Iľ	n	p	)	N	10	)(
	Body OEM supply only	14	22954-2000	22954-2000	22964-1000	11104-03	11744-200			1104-03	11744-200	22304-02	11004	11474	22304-0030	22304-0020	23082-8000	11604-2000	23344-8000	23344-8000	23434-1000	23434-1000	23434-1000	23434-1000	23434-1000	23434-1000	23434-1000	23434-1000	23434-1000	23434-1000	23434-1100	10329-200				_
	<del>                                     </del>	<u> </u>	П							110				_		П			ľ	Ī	Ī			T			П		T	ľ		1032				
	Endcove	5	3992	3992	21645	i	11745 (Div PI)			i	11745 (Div PI)	3992	9905	i	11478 (Div PI)	3992	3992	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993				
	Wearplate	12	22806	22806	1 1	2574	4156			2574	4156	!	ļ	!	1	!	7883	4156	4156	4156	4256	4256	4156	4156	4156	4156	4156	4156	4156	4156	4156	4156				
ט	Shaft	11	22957	22957	22967-0000	1	23017-0000			ı	23017-0010	22307	23057-0000	I	23067-0000	22307	23087-0000	23327-9000	23347-0000	23348-0000	23437-0000	23437-0000	23437-0000	23477-0000	23477-0000	23477-0000	23478-0000	23478-0000	23478-0000	23435-0000	23437-0000	21966				(
LISTIN	Drive End Bearin	10	SP2601-39	_	SP2600-0025		SP2600-32			ı	SP2600-32		1	i		i	_	SP2601-0448	_			SP2600-01	-		SP2600-12	-	Н	-	-	SP2600-12						,
PARTS LISTING	Drive End C	╄	Н	SP2701-15 S	Ī	1				ı	T	I	ı	1	ı	1		ı	Ī		-						П	-	i	1		SP2700-48				
GENERAL	Pump End Dr Bearing C	$\vdash$	SP2601-39 SP.	_	ii	i	1			i	i	1	i	i	SP2600-09	SP2600-09	SP2600-12	SP2601-0448	P2601-0448	SP2601-41	SP2600-01	SP2600-01	SP2600-12	SP2600-12	SP2600-12	SP2600-01	SP2600-12	SP2600-12	SP2600-12	SP2600-12	SP2600-12	Н				©
GE	Pump End Pur Oil Seal Be	╀	Н	SP2700-05 SP2			SP2700-51				SP2700-50		-	1		SP2		SP2701-21 SP26				SP2700-1027 SP2			SP2700-1027 SP2	_	Н			SPZ/00-102/ SPZ	-					
		Т	Н	-	-02	L						Н		4		-10	-	-								-			_							9
	Cam	9	SP1002-09	SP1002-09	SP1002-02 SP1002-02	SP1004-09	SP1005-05			SP1004-09	SP1005-05	SP1004-11	SP1002-02	Н	SP1004-11	SP1004-10	SP1004-10	SP1004-09	-	-	Н	O SP1004-09	SP1004-10	SP1004-09	SP1004-11	SP1004-09	SP1004-09	SP1004-11	SP1004-09	SP1004-09	SP1004-09	SP1004-09				
	Cam	2	10818	10818	AL8	934	22039			834	22039	22318	10818	2907-0001	22318	22308	22308	934	23341-0000	23341-0000	934	23436-0000	2431	934	3255	934	934	3255	934	934	934	934				
	End Cover Screws	4	SP1002-02	SP1002-02	SP1002-09 SP1002-09	SP1005-03	SP1005-03			SP1005-03	SP1005-03	SP8019-01	SP1002-09	SP1002-03	SP1002-06	SP8019-01	SP1002-01	SP1003-09	SP1003-09	SP1003-09	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-09				
ETAILS	Water Seal	я	SP2700-05	SP2700-05	SP2701-14	21849	21849			21849	21849	SP6080-08	SP2701-04	SP6080-08	SP6080-08	SP6080-08	22617-0010	22617-0010	22617-0010	22617-0010		SP2700-1027			SP2700-1027	_		_	_	SP2700-1027	_				(£	7
KIT DET	Impeller *OEM supply only	2	Н	-	4528-0001		17936-0001			17937-0001	17936-0001	Н		-	22120-0001	22120-0001		17937-0001	-			17937-0001			17937-0001 S				_	920-0001	-					(
SERVICE K	Gasket/ O Ring *o		Н	0	21646 4	П	816			11746 1	816		10817	T	9408 2.	3298 2:		T	890	Т	Ī	890	Ī	П	890	Ī	П		Ī	068	Ì	Ė				
SER	Kit C Number	$\vdash$	Н		SK355	10	SK357-0001			SK357-0001	SK357-0001	SK331-05	SK211	SK360	SK360	SK331-05	SK363-0051	SK229	SK310	SK310	SK385-0001	SK385-0001	SK385-0001	SK385-0001	SK385-0001	SK385-0001	SK385-0001	SK385-0001	SK385-0001	SK385-0001	SK385-0001	SK229				
	Alternate Part No N	<u> </u>	52020-2001			Bilge	Cooling SK3	Bilge	Cooling	Bilge SK3	Cooling SK3	Т		+	Cooling	Sk	SK3	Ц	sew ripework	Respecefied	_	S S	SKG	SKS	SK S	SKS	SKG	SK	SK	NC SKS	SKS					
S	elete	_	× 5202	_	×	ш ×	ŭ	×	Ö	×	S			×	ŭ	×	×	14	×	-		>	<						×	ŀ			×			
TAIL	Mount	_	Н		Foot	-	Flange	Flange	Flange	_	Flange	Crank	Flange	-	Crank	Crank	Flange	Flange	Flange	-	Flange	Flange	-	Flange	Flange	Flange	Flange	-	-	Flange	Flange	Foot	Crank		6	
PUMP DETAILS			Н	-	+	Н					Ť	Н		+	_	Н	-	-	-	Н	Н	Н	т		-	Ŧ	Н	٠	+	Н		Н			`	6
PUM	Port Type		%" BSP	%" BSP	Ø 19 Hose	1" BSP	2" Flange	1" BSP	2" Flange	1" BSP	2" Flange	Ø 32 Hose	3%" BSP	Ø 16 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	11/2" Flanged	Ø 45 Hose	Ø 45 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	1" BSP	Ø 32 Hose			Œ
JABSCO	Pump Size		020	020	010	080	270	080	270	080	270	090	020	020	090	090	090	080	120	120	080	080	080	080	080	080	080	080	080	080	080	080	080			
JAB	Origin Pump Size		Ä	ž ž	š š	Š	ž	¥	N	ž	'n	Ϋ́	ž	ž	ž	¥	Ϋ́	ž È	S S	χ	š	<b>≯</b> ∃	ž ž	Ϋ́	¥	ž ž	ž	Ϋ́	ž i	5 =	ž	X	¥			
	mp Imber		50-2031	50-2037	60-2001	10-0131	10-0131	10-0501	10-0501	10-0531	10-0531	20-1101	50-1031	60-1101	60-1101	70-1151	80-1151	20-2001	40-1001	10-1101	30-1001	30-1031	30-1051	30-1201	30-1241	30-1301	30-1401	30-1441	30-1501	30-1601	30-1701	30-2001	30-100			

Pump Number	Origin Pump Size	mp Port Type ze	e Mount Type	elete	Alternate Part No	Kit Number	Gasket/ O Ring	Impeller *OEM supply only	Water Seal	End Cover Screws	Cam	Cam Screw	Pump End Oil Seal	Pump End Bearing	Drive End Oil Seal	Drive End Bearin	Shaft	Wearplate	Endcover	Body OEM supply only
				5qO		Key		2	3	4	2	9	7	8	6	10	=	12	13	14
22950-2031	UK 020	20 %" BSP	Foot	_	52020-2001	Г	2995-0030	673-0001	SP2700-05	SP1002-02	10818	SP1002-09	SP2700-05	SP2601-39	SP2701-15	SP2601-39	22957	22806	3992	22954-2000
22950-2037	UK 020	20 %" BSP	Foot		52020-2001		2995-0030	673-0003	SP2700-05	SP1002-02	10818	SP1002-09	SP2700-05	SP2601-39	SP2701-15	SP2601-39	22957	22806	3992	22954-2000
22960-1001	UK 010	10 Ø 19 Hose	e Foot			SK355	21646	4528-0001	SP2701-14	SP1002-09	AL8	SP1002-02	i	i	1	SP2600-0025	22967-0000	!	21645	22964-1000
22960-2001	-	Q	e Foot	×		SK355	21646	4528-0001	SP2701-14	SP1002-09	AL8	SP1002-02	i	-	1	SP2600-0025	22967-0000	-	21645	22964-1000
23010-0131	-	-	+	×	П	SK357-0001	11746	920-0001	21849	SP1005-03	934	SP1004-09	i	i	ı	1	I	2574	i	11104-03
23010-0131 Dual	UK 270	70 2" Flange	Flange		Cooling	SK357-0001	816	17936-0001	21849	SP1005-03	22039	SP1005-05	SP2700-51	ı	1	SP2600-32	23017-0000	4156	11745 (Div PI)	11744-200
23010-0501 Dual	UK 080	30 1" BSP	Flange	×	Bilge															
23010-0501	-	70 2" Flange	Flange		Cooling															
23010-0531 Dual	080 Xn	_		×		SK357-0001	11746	17937-0001	21849	SP1005-03	834	SP1004-09	ı	ı	ı	i	ı	2574	ı	1104-03
23010-0531	UK 270	70 2" Flange	Flange		Cooling	SK357-0001	816	17936-0001	21849	SP1005-03	22039	SP1005-05	SP2700-50	i	1	SP2600-32	23017-0010	4156	11745 (Div PI)	11744-200
23020-1101	Н	-	H		Т	SK331-05	3298	22120-0001	SP6080-08	SP8019-01	22318	SP1004-11	ı	i	ı	SP2600-09	22307	П	3992	22304-02
23050-1031	UK 020	_				SK211	10817	673-0001	SP2701-04	SP1002-09	10818	SP1002-02	i	i	ı	i	23057-0000	!	9905	11004
23060-1101	UK 020		e Crank	×	Bilge	SK360	3298	673-0001	SP6080-08	SP1002-03	2907-0001	SP1002-09	i	i	1	1	I	!	i	11474
23060-1101	090 Xn	50 Ø 32 Hose	e Crank		Cooling	SK360	9408	22120-0001	SP6080-08	SP1002-06	22318	SP1004-11	I	SP2600-09	ı	i	23067-0000	!	11478 (Div PI)	22304-0030
23070-1151	UK 060	50 Ø 32 Hose	e Crank	×		SK331-05	3298	22120-0001	SP6080-08	SP8019-01	22308	SP1004-10	i	SP2600-09	ı	i	22307	!	3992	22304-0020
23080-1151				×		SK363-0051	3298		_	SP1002-01	22308	SP1004-10	SP2701-03	SP2600-12	1	SP2600-12	23087-0000	7883		23082-8000
23320-2001	Н		Н	_		SK229	068		22617-0010	SP1003-09	934	SP1004-09	SP2701-21	SP2601-0448	1	SP2601-0448	23327-9000	4156		11604-2000
23320-2101	UK 080	30 1½" Flanged	ed Flange	Ż	New Pipework	SK229	890	17937-0001	22617-0010	SP1003-09	934	SP1004-09	SP2701-21	SP2601-0448	1	SP2601-0448	23328-9000	4156	3993	11604-2000
23340-1001	+	-	+	×		SK310	890	_	-	-	23341-0000	SP1004-09	SP2701-54	SP2601-41	1	SP2601-41	23347-0000	4156	T	23344-8000
23340-1101					Respecefied	SK310	890		_	-	23341-0000		SP2701-54	SP2601-41	1	SP2601-41	23348-0000	4156	3993	23344-8000
23430-1001	-	-	+			SK385-0001	068	_	_	- 1	934	_	SP2700-1027	SP2600-01	ı	SP2600-01	23437-0000	4256	T	23434-1000
23430-1031	۰	-	٠	٠		SK385-0001	880	_	_	-	23436-0000	•	SP2/00-102/	SP2600-01	I	SP2600-01	23437-0000	4256	Ī	23434-1000
23430-1041	UK 080	30 Ø 32 Hose	e Hange	×		SK385-0001	068	17937-0001	SP2700-1027 S	SP1003-0111	2431	SP1004-10	SP2700-1027	SP2600-01	1 1	SP2600-01	23437-0000	4256	3993	23434-1000
23430-1201	Н	Н	Н			SK385-0001	890		_	SP1003-0111	934	_	SP2700-1027	SP2600-12	1	SP2600-12	23477-0000	4156	г	23434-1000
23430-1241	UK 080	30 Ø 32 Hose				SK385-0001	068	17937-0001	SP2700-1027 S	SP1003-0111	3255	SP1004-11	SP2700-1027	SP2600-12	1	SP2600-12	23477-0000	4156	3993	23434-1000
23430-1251	Н		Н			SK385-0001	890			SP1003-0111	2431		SP2700-1027	SP2600-12	1	SP2600-12	23477-0000	4156		23434-1000
23430-1301	-	-		İ		SK385-0001	890			SP1003-0111	934		SP2700-1027	SP2600-01	I	SP2600-01	23477-0000	4156	Ī	23434-1000
23430-1401	+	-	+			SK385-0001	890		_	SP1003-0111	934		SP2700-1027	SP2600-12	ı	SP2600-12	23478-0000	4156	T	23434-1000
23430-1441	۰	-	٠			SK385-0001	068		_	SP1003-0111	3255		SP2/00-102/	SP2600-12	I	SP2600-12	234/8-0000	4156	Ī	23434-1000
23430-1501	UK 080	30 Ø 32 Hose	e Hange	×		SK385-0001	068	17937-0001	SP2700-1027 S	SP1003-0111	934	SP1004-09	SP2/00-102/	SP2600-12 SP2600-12	1 1	SP2600-12 SP2600-12	23478-0000	4156	3993	23434-1000
23430-1641	Н	H	Н	Ĺ		SK385-0501	068	_	_	SP1003-0111	934	_	SP2700-1027	SP2600-12	ı	SP2600-12	23435-0000	4156	Г	23434-1000
23430-1701	UK 080					SK385-0001	068	17937-0001	SP2700-1027 S	SP1003-0111	934	SP1004-09	SP2700-1027	SP2600-12	1	SP2600-12	23437-0000	4156	3993	23434-1100
23480-2001	UK 080	30 1" BSP	Foot			SK229	890	17937-0001	22626-0000	SP1003-09	934	SP1004-09	SP2701-87	SP2601-42	SP2700-48	-	21966	4156	3993	10329-200
23580-100	UK 080	30 Ø 32 Hose	e Crank	×																
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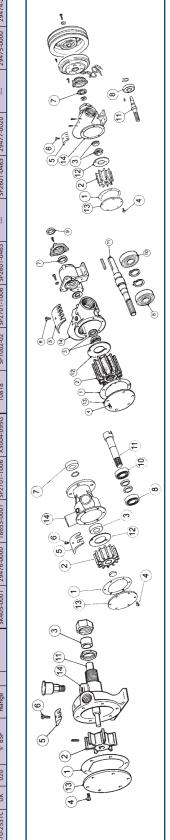
# Flexible Impeller Pumps Spares by Pump Model 23800-0201 to 29450-1431

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	Body OEM supply on	14	22304-01	i	22304-01	i	1	22304-01	i	22304-01	29304-2000	29304-2000	29304-2000	29304-2000	29304-2000	29304-2000	29304-2000	29304-2000	29304-2000	29304-2000	29304-2000	29304-2000	29304-2100		29354-1000	29354-1100		29404-1100	29404-1100	29404-1100	29404-1100	29414-1100	29444-1000	29444-1000	29444-1000	29444-1000	29454-1100	29454-1200	29454-1200	29454-1300	29454-1400	2015/1/100
	Endcover	13	3992	11830-0000	3992	11830-0000	11830-0000	3992	11830-0000	3992	29305-0000	29305-0000	29305-0000	29305-0000	29305-0000	29305-0000	29305-0000	29305-0000	29305-0000	29305-0000	29305-0000	29305-0000	29305-0100		AL6-200	AL6-200		3992	3992	3992	3992	3992	9328	9328	9328	9328	3992	3992	3992	3992	3992	2002
	Wearplate	12	1	1	!	!	!	1	1	1	29306-0000	29306-0000	29306-0000	29306-0000	29306-0000	29306-0000	29306-0000	29306-0000	29306-0000	29306-0000	29306-0000	29306-0000			2765	2765		!	!	!	1	!		!	!	!	!	!	!	!	!	
(2	Shaft	11	22307	1	22307	1	1	22307	1	22307	29307-0000 2	29307-0020	29307-0020	29307-0020	29307-0020	29307-0020	29307-0040	29307-0030	29307-0030	29307-0040	29307-0040	29307-0050	29307-0030		29357-0000	29357-0000		29457-0010	29457-0010	29467-0000	29467-0000	29417-0100	29447-0000	29447-0000	29447-0000	29447-0000	29457-0010	29457-0020	29457-0020	29457-0010	29457-0020	29457-0020
LISTIN	Drive End Bearin	10	SP2601-0461	i	SP2601-0461	ı	-	SP2601-0461	i	SP2601-0461	SP2601-0463 2		_	SP2601-0459 2	_		_		SP2601-0457 2	SP2601-0463 2	- 2	- 2	- 2	- 2	SP2601-0457 2	SP2601-0457 2	SP2601-0457 2	SP2601-0457 2	SP2601-0457 2	SP2601-0457												
. PARTS	Drive End Oil Seal	6	-	1	- S	1	1	-	1	- 8	- Si	18	- Si	-	- Si	- S	- S	- N	-	-	- S	- 8	IS		- S	18		-	1	-	- 1	-	1	1	1	1	- Si	-	-	- 8	- S	10
GENERAL PARTS LISTING	Pump End     Bearing	8	1	i	-		-	1	1	i	SP2601-0463		SP2601-0459	SP2601-0459		SP2601-0457	SP2601-0457	SP2601-0457	SP2601-0457	SP2601-0463	SP2600-09	SP2600-09	SP2600-09	SP2600-09	SP2601-0457	SP2601-0457	SP2601-0457	SP2601-0457	SP2601-0457	SP2601-0457												
G	Pump End Foil Seal	7	i	1	-	i	-	1	-	1	SP2701-1006 SF	SP2701-1006 SF	SP2701-1006 SI	SP2701-1006 SF	SP2701-1006 SI	SP2701-1006 SF	SP2701-1006 SF	SP2701-1006 SI	SP2701-1006 SF	SP2701-1006 SI	SP2701-1006 SF	SP2701-1006 SI	SP2701-1006 SF			SP2701-14 SF	_	_	SP2701-1006 SI	SP2701-1006 SI	SP2701-1006 SF	SP2701-1006 SI	1	1	1	1	SP2700-05 SI	SP2700-05 SF	SP2700-05 SI	SP2700-05 SF	SP2700-05 SI	SP2ZOO-OF SE
	Cam Screw	9	SP1004-11	91004-0110	SP1004-10	91004-0100	91004-0110	SP1004-10	91004-0100	SP1004-11	SP1002-09 SP	SP1002-09 SP	SP1002-09 SP	SP	SP1002-09 SP	SP1002-09 SP	SP1002-09 SP	SP1002-09 SP	SP1002-09 SP	SP1002-09 SP	SP1002-09 SP	SP1002-09 SP	Not fitted SP		-	SP1002-02 S	_			SP1002-02 SP	SP1002-0152 SP	SP1002-02 SP	SP1002-02	P1002-0152	SP1002-02	SP1002-02	SP1002-02 S	SP1002-02				
	Cam	2	22318	18753-0090	22308	22308-0000	18753-0090	22308	22308-0000	22318	29303-0000	29303-0000	29303-0000		29303-0000	29303-0000	29303-0000	29303-0000	29303-0000	29303-0000	29303-0000	29303-0000	Not fitted			2763		5		2907-0001	2441 SF	2907-0001	2907-0001	2441 SF	2907-0001	2907-0001	2907-0001	2907-0001	10818	2907-0001	2907-0001	10818
	End Cover Screws	4	SP8019-01	91002-0010	SP8019-01	91002-0010	91002-0010	SP8019-01	91002-0010	SP8019-01	X3004-095G 2:	X3004-095G 2:	X3004-095G 2:	X3004-095G	X3004-095G 2:	X3001-095F		SP1002-01	SP1002-01	-		_	X3004-095G 2	X3004-095G	X3004-095G 2	SP1004-09 2	SP1004-09	SP1004-09 Z	SP1004-09 Z	SP1002-01 2	SP1002-01 Z	SP1002-01	SP1002-01 Z	SP1002-01 2	CD1002-01							
L.S	Water E	3	SP2701-21 S	92700-0060	SP2701-21 S	96080-080	92700-0060	SP2701-21 S	96080-080	SP2701-21 S	SP2701-1006 X3		-	SP2701-14 S	-	-	-	SP2701-1006 X3	SP2701-1006 X3	SP2701-1006 X3	29441-0000 s	29441-0000 s	29441-0000 s	29441-0000 s	SP2700-05 S	SP2700-05 S	SP2700-05 S	SP2700-05 S	SP2700-05 S	SD2007CGS												
KIT DETAILS	Impeller *OEM supply only	2	22120-0001 SI	22120-0001 92	22120-0001 SF	22120-0001 96	22120-0001 92	22120-0001 SF	22120-0001 96	22120-0001 SF	22405-0001 SP2	22405-0001 SPZ	22405-0001 SP2	22405-0001 SP	22405-0001 SP2	22405-0001 SP2	22405-0001 SP2		-	4528-0001 SF	_	_	22405-0001 SP2	22405-0001 SP	22405-0001 SP	18653-0001 SPZ	18653-0001 29	18653-0001 29	18653-0001 29	18653-0001 29	673-0001 SF	673-0001 SE										
SERVICE K	Gasket/ O Ring *o	1	3298 22	3298-0000 22	3298 22	3298-0000 22	3298-0000 22	3298 22	3298-0000 22	3298 22	29308-0000 22	29308-0000 22	0	0	29308-0000 22	29308-0000 22	29308-0000 22	29308-0000 22	0	29308-0000 22	29308-0000 22	29308-0000 22	X4020-244A 22			1126 4	-	-	0	-	29308-0000 22	29308-0000 18	1985-0000 18	1985-0000 18	1985-0000 18	1985-0000 18	2995-0030	2995-0030	2995-0030	2995-0030	2995-0030	2995-0030
SE	Kit Number	Key	SK331-0251		SK331-0251		-	SK331-0251	-	SK331-0251	SK404-0001 29	×		SK23-0101	SK23-0101	-	-	SK404-0001 29	SK404-0001 29	SK404-0001 29	SK404-0001 29	SK402-0001	SK402-0001	SK402-0001	SK402-0001	SK387-0001 2																
	Alternate Part No		50410-1201 Sk	50410-1201	50410-1251 Sk	50410-1251	50410-1301	50410-1351 Sk	50410-1401	S	IS	IS	IS	IS	IS	IS	S	S	is	Š	IS	S			N	S		, S	Š	S	IS	S	IS	IS	S	S	S	S	is	S	S	Ď.
S	ətələs	qo	2	2	×	5	2	×	Ŋ					×			×							×				×	×	×	×											
ETAIL	Mount Type		Crank	Flange	Flange	Flange	Flange		Flange	Flange	Flange	Flange	Flange	Crank	Crank	Crank	Crank	Flange	Flange	Flange	Flange	Flange	Fange																			
JABSCO PUMP DETAILS	Port Type		Ø 32 Hose	₩ BSP	¾" BSP	¾" BSP	3/" BSP	¾" BSP	3/4" BSP	¾" BSP	¾" BSP	¾" BSP	¾" BSP	%" BSP	³%" BSP	3%" BSP	¾" BSP	Ø 18 Hose	Ø 20 Hose		Ø 20 Hose	Ø 20 Hose	Ø 20 Hose	Ø 20 Hose	Ø 20 Hose	Ø 25 Hose	Ø 25 Hose	Ø 25 Hose	Ø 25 Hose	Ø 20 Hose												
ပ္ပ	omp Size		090	090	090	090	090	090	090	090	010	010	010	010	010	010	010	010	010	010	010	010	010	010	010	010	010	020	020	020	070	020	020	020	020	020	020	020	020	020	020	020
ABS	Origin Pump Size		¥	NSA	¥	NSA	NSA	¥	NSA	ž	Ϋ́	¥	X	ž	¥	ž	ž	ž	ž	¥	ž	ž	ž	ž	ž		+		-	ž	ž	¥	ž	ž	ž	ž	ž	ž	ž	ž		×
	Pump Number		23800-0201	23800-0201	23800-0251	23800-0251	23800-0301	23800-0351	23800-0351	23800-0401	29300-2001	29300-2101	29300-2101C	29300-2151C	29300-2201	29300-2201C	29300-2301	29300-2401	29300-2401C	29300-2501	29300-2501C	29300-2601C	29300-2731C	29340-2101C	29350-1001	29350-1101	29370-2001C	29400-1001	29400-1051	29400-1101	29400-1151	29410-1101	29440-1001	29440-1051	29440-1101	29440-1201	29450-1101	29450-1201	29450-1231	29450-1301	29450-1401	29450-1431



## Flexible Impeller Pumps Spares by Pump Model 29450-1601 to 29470-2531C JABSC0°

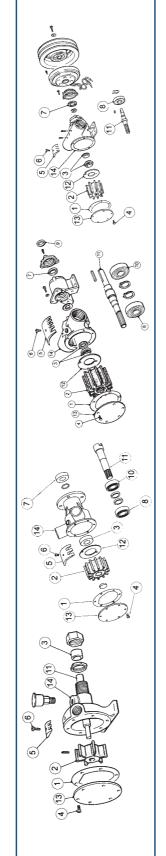
	JABSO	JABSCO PUMP DETAIL:	DETAI	۲S		S	SERVICE	KIT DETAILS	AILS					GENERA	L PART	GENERAL PARTS LISTING	او			
Pump Number	Origin Pump Size	ump Port Type Size	Mount	ətə <b>l</b> ə:	Alternate Part No	Kit Number	Gasket/ O Ring	Impeller *OEM supply only	Water Seal	End Cover Screws	Cam	Cam Screw	Pump End Oil Seal	Pump End Bearing	Drive End Oil Seal	Drive End Bearin	Shaft	Wearplate	Endcover	Body OEM supply onl
				GP OP		Key		2	3	4	5	9	7	8	6	10	11	12	5	14
29450-1601	UK 0	020 Ø 20 Hose	Hange				X5251-049	653-0001	SP2701-1006	X3001-174F	Not fitted	Not fitted	SP2701-1006	SP2601-0457		SP2601-0457	29457-0040		29405-0000	29454-1800
29450-1641	UK 0	020 Ø 20 Hose	Hange				2995-0030	653-0001	SP2701-1006	SP1002-01	2907-0001	SP1002-02	SP2701-1006	SP2601-0457		SP2601-0457	29457-0040		3992	29454-1600
29450-1701	UK 0	020 Ø 20 Hose	Н				X5251-049	653-0001	SP2701-1006	X3001-174F	Not fitted	Not fitted	SP2701-1006	SP2601-0457		SP2601-0457	29457-0050		29405-0000	29454-1700
29450-1801	UK 0	020 Ø 20 Hose	Hange			SK387-0001	2995-0030	653-0001	SP2701-1006	SP1002-01	2907-0001	SP1002-02	SP2701-1006	SP2601-0457		SP2601-0457	29457-0060		3992	29454-1610
29450-2131	NK 05	020 %" BSP	Hange			SK387-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01	10818	SP1002-02	SP2701-1006	SP2601-0457	!	SP2601-0457	29457-0030	i	3992	29454-1500
29450-2231	UK 0	020 %" BSP	Hange	×		SK387-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01	10818	SP1002-02	SP2700-05	SP2601-0457	!	SP2601-0457	29457-0020	i	3992	29454-1400
29460-1001	Н	020 Ø 20 Hose	H	Н		SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01	2907-0001	SP1002-02	SP2701-1006	SP2601-0457	!	SP2601-0457	29467-0000	i	3992	29464-1000
29460-1041	UK 0	020 Ø 20 Hose					X5251-049	653-0001	SP2701-1006	X3001-174F	Not fitted	Not fitted	SP2701-1006	SP2601-0457		SP2601-0457	29467-0000		29405-0000	29454-1940
29460-1051	UK 0	020 Ø 20 Hose					X5251-049	653-0001	SP2701-1006	X3001-174F	Not fitted	Not fitted	SP2701-1006	SP2601-0457		SP2601-0457	29467-0000		29405-0000	29454-1950
29460-1101	UK 0	020 Ø 20 Hose		×		SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01	2907-0001	SP1002-02	SP2701-1006	SP2601-0457	!	SP2601-0457	29467-0000	i	3992	29464-1100
29460-1201	UK 0	020 Ø 20 Hose	Hange	×		SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01	2907-0001	SP1002-02	SP2701-1006	SP2601-0457		SP2601-0457	29467-0000	i	3992	29464-1100
29460-1251	UK 0	020 Ø 20 Hose	Hange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01	2441	SP1002-0152	SP2701-1006	SP2601-0457		SP2601-0457	29467-0000	i	3992	29464-1100
29460-1261	UK 0,	020 Ø 20 Hose	Hange				2995-0030	653-0001	SP2701-1006	SP1002-01	29462-0000	SP1002-09	SP2701-1006	SP2601-0457		SP2601-0457	29467-0000		3992	29464-1100
29460-1301	UK 02	020 Ø 20 Hose	Hange			SK401-0001	2995-0030	18653-0001	SP2701-1006	SP1002-01	2907-0001	SP1002-02	SP2701-1006	SP2601-0457	!	SP2601-0457	29467-0000	i	3992	29464-1300
29460-1401	UK 0	020 Ø 20 Hose	Hange			SK401-0001	2995-0030	18653-0001 S	SP2701-1006	SP1002-01	2907-0001	SP1002-02	SP2701-1006	SP2601-0457	!	SP2601-0457	29467-0010	i	3992	29464-1200
29460-1431	UK 0		-			SK401-0001	2995-0030		_	SP1002-01	10818	SP1002-02	SP2701-1006	SP2601-0457		SP2601-0457	29467-0010		3992	29464-1200
29460-1631	UK 0	020 Ø 20 Hose	Flange				X5251-049	18653-0001 S	SP2701-1006	X3001-174F	Not fitted	Not fitted	SP2701-1006	SP2601-0457		SP2601-0457	29467-0010		29405-0000	29454-1230
29460-1701	UK 02	020 Ø 20 Hose	Hange				X5251-049	18653-0001	SP2701-1006	X3001-174F	Not fitted	Not fitted	SP2701-1006	SP2601-0457		SP2601-0457	29467-0020		29405-0000	29454-1301
29460-2231	UK 0	020 Ø 20 Hose	Hange			SK387-0001	2995-0030	18653-0001 S	SP2701-1006	SP1002-01	10818	SP1002-02	SP2701-1006	SP2601-0457	!	SP2601-0457	29457-0030	i	3992	29464-1500
29460-2501	UK 02	020 %" BSP	Hange			SK401-0001	2995-0030		_	SP1002-01	2907-0001	SP1002-02	SP2701-1006	SP2601-0457	!	SP2601-0457	29467-0010	l	3992	29464-1200
29470-1101	UK 0	020 Ø 16 Hose	Flange	×		_	29476-0000		_	X3004-095G	2907-0001	SP1002-02	SP2701-1006	SP2601-0463	!	SP2601-0463	29467-0020	i	29475-0000	29474-1000
29470-1231	UK 0	020 Ø 16 Hose	Flange			SK405-0001	29476-0000		_	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463		SP2601-0463	29477-0020	i	29475-0000	29474-1000
29470-1231C	UK 0	020 Ø 16 Hose	Hange			_	29476-0000		_	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463		SP2601-0463	29477-0020	i	29475-0000	29474-1000
29470-2031	UK 0	020 %" BSP	Flange			SK405-0001	29476-0000	18653-0001   S	SP2701-1006	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463	!	SP2601-0463	29477-0010	i	29475-0000	29474-2000
29470-2031C	-	3%	Hange				29476-0000		-	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463		SP2601-0463	29477-0010	i	29475-0000	29474-2000
29470-2131	UK 0		Flange			SK405-0001	29476-0000		_	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463		SP2601-0463	29477-0000	i	29475-0000	29474-2000
29470-2131C	-		Hange			_	29476-0000		_	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463	!	SP2601-0463	29477-0000	l	29475-0000	29474-2000
29470-2201C	UK 0%	020 ¾" BSP	Flange	×		SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	2907-0001	SP1002-02	SP2701-1006	SP2601-0463	!	SP2601-0463	29477-0000	l	29475-0000	29474-2000
29470-2231	UK 0	020 %" BSP	Hange			SK405-0001	29476-0000	18653-0001 S	SP2701-1006	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463	!	SP2601-0463	29477-0020	i	29475-0000	29474-2000
29470-2231C	UK 0	020 ¾" BSP	Flange			SK405-0001	29476-0000	18653-0001 S	SP2701-1006	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463	!	SP2601-0463	29477-0020	i	29475-0000	29474-2000
29470-2301	UK 02	020 %" BSP	Hange			SK405-0001	29476-0000		SP2701-1006	X3004-095G	2907-0001	SP1002-09	SP2701-1006	SP2601-0463	-	SP2601-0463	29477-0030	i	29475-0000	29474-2000
29470-2301C	UK 0	020 ¾" BSP	Hange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	2907-0001	SP1002-09	SP2701-1006	SP2601-0463		SP2601-0463	29477-0030	İ	29475-0000	29474-2000
29470-2331	UK 0	020 ¾" BSP	Hange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463		SP2601-0463	29477-0030	i	29475-0000	29474-2000
29470-2331C	UK 0	020 3%" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463	-	SP2601-0463	29477-0030	İ	29475-0000	29474-2000
29470-2351	UK 02	020 ¾" BSP	Hange			SK405-0001	29476-0000	18653-0001 S	SP2701-1006	X3004-095G	2441	SP1002-01	SP2701-1006	SP2601-0463	!	SP2601-0463	29477-0030	i	29475-0000	29474-2000
29470-2351C	NK 0%		Hange			SK405-0001	29476-0000		SP2701-1006	X3004-095G	2441	SP1002-01	SP2701-1006	SP2601-0463		SP2601-0463	29477-0030	1	29475-0000	29474-2000
29470-2431	UK 0	020 ¾" BSP	Flange			SK405-0001	29476-0000	18653-0001 S	SP2701-1006	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463	!	SP2601-0463	29477-0040	i	29475-0000	29474-2000
29470-2431C	Ϋ́		Hange			SK405-0001	_	_	SP2701-1006	X3004-095G	10818	SP1002-02	SP2701-1006		!	SP2601-0463		i	29475-0000	29474-2000
29470-2531	ž		Hange			_	_		SP2701-1006	X3004-095G	10818	SP1002-02			1	SP2601-0463		i	29475-0000	29474-2000
29470-2531C	Ϋ́	020 ¾" BSP	Flange			SK405-0001	29476-0000	18653-0001	SP2701-1006	X3004-095G	10818	SP1002-02	SP2701-1006	SP2601-0463	1	SP2601-0463	29477-0020	i	29475-0000	29474-2000



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# Flexible Impeller Pumps Spares by Pump Model 29480-2031 to 29700-1301

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	Body OEM supply only	14	29484-2000	29484-2000	29484-2000	29484-2000	29484-2000	29484-2000	29484-2000	29494-2000	29504-1000	29504-1000	29504-1000	29504-1000	29504-1000	29504-1000	29504-1000	29504-1000	29504-1000	29504-1000	29504-1000	10554-200	29534-2000	29544-1000	29544-1000	29544-1000	29544-1000	29604-1000	29604-1000	29604-1200	29604-1300	29604-1600	29604-1300	10329-200	29634-1000	29634-1101	29634-1101	29604-1000	29604-1300	29704-1200	29704-1200	29704-1300
	Endcover	13	29475-0000	29475-0000	29475-0000	29475-0000	29475-0000	29475-0000	29475-0000	29475-0000	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	3992	29535-0000	29545-1101	29545-1101	29545-1201	29545-1201	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993	3993
	Wearplate	12	!	!	!	!	!	!	-	!	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	7883	!	1	!	!	4156	4156	4156	4156	4156	4156	4156	4156	4156	4156	4156	4156	4156	4156	4156
2	Shaft	11	29487-0000	29487-0000	29486-0000	29486-0000	29486-0000	29486-0000	29487-0100	29497-0000	29508-0000	29508-0000	29517-0000	29518-0000	29518-0000	29518-0000	29503-0000	29503-0000	29516-0000	29507-0020	29507-0000	29527-0000	29537-0000	29547-0100	29547-0100	29547-0100	29547-0100	29607-0000	29606-0000	29608-0000	29609-0000	29606-0200	29609-0100	29627-0000	29637-0000	29637-0000	29637-0000	29647-0000	29647-0100	29707-0000	29708-0000	29707-0000
2	Drive End Bearin	10	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0452	SP2600-01	SP2600-0025	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2600-0500	SP2600-0500	SP2600-0500	SP2600-0500	SP2600-0500	SP2600-0500	SP2600-01	SP2601-0468	SP2601-0468	SP2601-0468	SP2600-0500	SP2600-0500	SP2600-11	SP2600-11	SP2600-11
IL PARI	Drive End Oil Seal	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	I	1	1	1	1	I	I	I	I	1	I	1	1	I	1	1	1	1	1	1	1	ı	1
GENERAL PARIS LISTING	Pump End Bearing	8	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0463	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0451	SP2601-0452	SP2600-01	SP2600-0025	SP601-0451	SP601-0451	SP601-0451	SP601-0451	SP2600-0500	SP2600-0500	SP2600-0500	SP2600-0500	SP2600-0500	SP2600-0500	SP2600-01	SP2601-0468	SP2601-0468	SP2601-0468	SP2600-0500	SP2600-0500	SP2600-11	SP2600-11	SP2600-11
	Pump End Oil Seal	7	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2701-21	i	i	1	i	i	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP6080-0469	SP2701-21	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2701-0903	SP2701-0903	SP2701-0903
	Cam Screw	9	SP1002-02	SP1002-02	SP1002-02	SP1002-01	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1003-01	SP1003-01	SP1003-01	SP1003-01	SP1003-09	SP1003-09	SP1003-01	SP1003-09	SP1003-01	SP1003-01	SP1003-01	SP1003-01	SP1003-01	SP1003-01	SP1003-01	SP1003-01	SP1003-01	SP1004-09	SP1004-09	SP1004-09	SP1004-11	SP1004-11	SP1004-09	SP1004-09	SP1004-09	SP1004-11	SP1004-09	SP1004-09	SP1004-09	SP1004-09	SP1004-09	SP1004-09
	Cam	2	10818	10818	10818	2441	10818	10818	10818	10818	490	490	490	490	10336	10336	490	10336	490	490	490	490	490	490	490	490	490	934	934	934	3255	3255	934	934	934	934	3255	934	934	23341-0000	23341-0000	23341-8000
	End Cover Screws	4	X3004-095G	X3004-095G	X3004-095G	X3004-095G	X3004-095G	X3004-095G	X3004-095G	X3004-095G	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	SP1002-02	X3001-095F	X3001-095F	X3001-095F	X3001-095F	X3001-095F	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-0111	SP1003-09	SP1003-0111	X5258-013	X5258-013	SP1003-0111	SP1003-0111	SP1003-0111		SP1003-0111
AILS	Water Seal	æ	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	22617-0010	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP6080-0469		SP6080-0469	SP6080-0469	SP6080-0469	SP6080-0469	22617-0010	SP6080-0469	SP6080-0469	SP6080-0469	SP6080-0469	SP6080-0469	SP6080-0469	SP6080-0469	SP6080-0469
KII DEIAILS	Impeller *OEM supply only	2	18653-0001	18653-0001	18653-0001	18653-0001	18653-0001	18653-0001	18653-0001	18653-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	1210-0001	17937-0001	17937-0001	17937-0001	920-0001	920-0001	17937-0001	17937-0001	920-0001	920-0001	920-0001	17937-0001	17937-0001	17018-0001	17018-0001	17018-0001
SEKVICE	Gasket/ O Ring	-	29476-0000	29476-0000	29476-0000	29476-0000	29476-0000	29476-0000	29476-0000	29476-0000	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	3298	890	890	890	890	890	890	890	890	890	890	890	890	890	890	890
7	Kit Number	Key	SK405-0001	SK405-0001	SK405-0001	SK405-0001	SK405-0001	SK405-0001	SK405-0001	SK405-0001	SK384-0001	SK384-0001	SK384-0001	SK384-0001	SK384-0001	SK384-0001	SK384-0001	SK384-0001	SK384-0001	SK384-0001	SK384-0001	SK239						SK385-0101	SK385-0101	SK385-0101	SK385-0601	SK385-0601	SK385-0101	SK229	SK385-0601	SK385-0601	SK385-0601	SK385-0101	SK385-0101	SK386-0001	SK386-0001	SK386-0001
	Alternate Part No															New Pipework					29500-1001							New Pipework														
7   [2	etelete	qo	Je	Je .	Je.	ye ×	Je Je	Je Je	Je Je	Je Je	y a	Je Je	×	Je et	Je Je	Je	Je.	ye ×	Je Je	Je Je	y e	Je Je	~	et	Je	et	Je	Je Je	Je.	Je Je	Je.	Je e	Je	Je Je	Je.	Je Je	Je.	Je Je	Je.	Je Je	Je.	Je .
חבוי	Mount Type		Flange	Flange	Flange	Flange	Flange	Flange	Flange	Crank	Bracket	Flange	Bracket	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange	Flange													
FUMP DEIAILS	Port Type		¾" BSP	₩ BSP	3/4" BSP	₩ BSP	3/1 BSP	¾" BSP	₩ BSP	3/4" BSP	Ø 28 Hose	Ø 28 Hose	Ø 28 Hose	Ø 28 Hose	Ø 28 Hose	Ø 28 Hose	3/4" BSP	3/4" BSPF	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	1" BSP	Ø 32 Hose	Ø 45 Hose	Ø 45 Hose	Ø 45 Hose													
APSCO	Origin Pump Size		020	020	020	020	020	020	020	020	040	040	040	040	040	040	040	040	040	040	040	040	040	040	040	040	040	080	080	080	080	080	080	080	080	080	080	080	080	120	120	120
ZAD	Origin		ž	¥	ž	ž	Ϋ́	ž	Ϋ́	¥	Ϋ́	¥	ž	¥	ž	ž	ž	¥	¥	ž	¥	ž	ž	¥	ž	ž	ž	ž	ž	ž	ž	ž	¥	ž	ž	ž	ž	ž	ž	ž	ž	ž
	Pump Number		29480-2031	29480-2031C	29480-2131	29480-2151	29480-2231	29480-2231C	29480-2431	29490-2001C	29500	29500-1001	29500-1101	29500-1201	29500-1251	29500-1351	29500-1401	29500-1451	29500-1501	29500-1901	29500-3001	29520-2001	29530-2001	29540-1001	29540-1101	29540-1201	29540-1301	29600-1001	29600-1101	29600-1201	29600-1641	29600-1741	29600-1801	29620-2001	29630-1001	29630-1101	29630-1141	29640-1001	29640-1101	29700-1101	29700-1201	29700-1301



# Flexible Impeller Pumps Spares by Pump Model 29700-1331 to 50080-2201

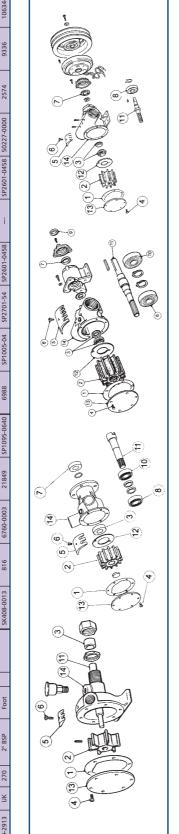
	IABS	COP	JABSCO PUMP DETAILS	TAILS			SFRVICE	KIT DETAILS	FALLS					GENERA	I PART	GENERAL PARTS LISTIN	ט			
Pump	Origin Pu	lod ami	Port Type Mg	Mount e	Alternate	ž	Gasket/		Water	End Cover	Cam	Cam	Pump End	Pump End	Drive End	Drive End	Shaft	Wearplate	Endcover	Body
in in	Size			Type sselet	Part No	ž	O Ring	*OEM supply only	_	Screws	,	Screw	Oil Seal	Bearing	Oil Seal	Bearin		200		OEM supply only
				9O		Key		2		4		9	7	œ	6	10	1	12	13	14
29700-1331		_	Η	Flange		SK386-0001		17018-0001	_	SP1003-0111	23342-0000		SP2701-0903	SP2600-11		SP2600-11	29707-0000	4156	3993	29704-1300
29700-1401	- Y			Flange		SK386-0001	-	17018-0001	691	SP1003-0111	23341-0000		SP2701-0903	SP2600-11	-	SP2600-11	29708-0100	4156	3993	29704-1400
29750-1001	-	-	-	Foot			X4020-399A	836-0001	П	X5255-002	29752-0000		SP2701-1014	SP2600-11	!	SP2600-11	29757-0000	2574	29805-0000	29734-1000
29770-0001	UK 2	200 11/2"	75	Flange			816	17935-0001	21849	SP1095-0640	834		SP2700-0050	SP2600-32	!	!	21239-0020	2574	9336	10634
29800-1001	NK 2	270 Ø 5	Ø 51 Hose F	Foot			X4020-399A	6760-0001	21849	X5255-002	29802-0000	SP1005-04	SP2701-1014	SP2600-11	!	SP2600-11	29807-0000	2574	29805-0000	29804-1000
29830-0001	UK 3	300 57mm	57mm Flanged Fla	Flange		SK424-0001	X4020-399A	17938-0111*	21849	X3001-176F	29838-0000	X3001-205F	SP2701-54	SP2601-37		SP2601-37	29827-0100	2574	29825-0000	29834-0000*
29830-0101	NK 3	300 57mm	57mm Flanged Fla	Flange		SK424-0001	X4020-399A	17938-0111*	21849	X3001-176F	29838-0000	X3001-205F	SP2701-54	SP2601-37		SP2601-37	29827-0100	2574	29825-0100	29834-0000*
29850-0031	NK 3	370 23/4"	23/4" Flanged Fla	Flange x	29880-0001	01 SK410	X4020-424A	17420-0001	21849	SP1094-0060	23342-0000	SP1004-09	SP2701-54	SP2601-0469	-	SP2601-0469	29857-0000	18787-6000	18784-1000	18783-0000
29860-2001	UK 4	470 21/2"		Foot		SK410	X4020-424A	17240-0001	21849	X5255-002	29862-0000	X3001-207F	SP2701-54	SP2601-0458		SP2601-0458	29867-0000	29866-0000	29865-0000	29864-2000
29860-2101	UK 4	470 21/2"	2'/2" Flanged Fc	Foot		SK410	X4020-424A	17240-0001	21849	X5255-002	29862-0200	X3001-207F	SP2701-54	SP2601-0458	-	SP2601-0458	29867-0000	29866-0000	29865-0000	29864-2100
29860-2201	UK 4	470 21/2"	2'/2" Flanged Fc	Foot	SK412-0001	31 SK410	X4020-424A	17240-0001	21849	X5255-002	29862-0100	X3001-207F	SP2701-54	SP2601-0458		SP2601-0458	29867-0000	29866-0000	29865-0000	29864-2000
29870-2001	UK 4	470 21/2"	2'/2" Flanged Fc	Foot		SK410	X4020-424A	17240-0001	21849	X5255-002	29862-0200	X3001-207F	SP2701-54	SP2601-0458	!	SP2601-0458	29867-0000	29866-0000	29865-0000	29864-2000
29870-2101	UK 4	470 21/2"	2'/2" Flanged Fc	Foot		SK410	X4020-424A	17240-0001	21849	X5255-002	29862-0200	X3001-207F	SP2701-54	SP2601-0458		SP2601-0458	29867-0000	29866-0000	29865-0000	29864-2000
29880-0001	UK 4	470 23/4"	2³/4" Flanged Ha	Flange	Respecified	sk410	X4020-424A	17240-0001	21849	X3001-180F	29862-0100	X3001-207F	SP2701-54	SP2601-0469	!	SP2601-0469	29887-0000	29866-0000	29885-0000	29884-0000
29880-0101	UK 4	470 23/4"	2³/4" Flanged Ha	Flange	29890-0101	31 SK410	X4020-424A	17240-0001	21849	X3001-180F	29862-0100	X3001-207F	SP2701-54	SP2601-0469		SP2601-0469	29887-0100	29866-0000	29885-0000	29884-0000
29880-0201	UK 4	470 23/4"	2³/4" Flanged Ha	Flange		SK410		17240-0001	21849	X3001-207F	29862-0100	X3001-207F	SP2701-54	SP2601-0469	1	SP2601-0469	29887-0100	29866-0000	29885-0000	29884-0100
29890-0001	UK 4	470 23/4"		Flange		SK410		17240-0001	21849	X3001-180F	29862-0100	X3001-207F	SP2701-54	SP2601-0469	!	SP2601-0469	29887-0100	29866-0000	29885-0000	29884-0200
30190-0000	USA 1	130 13/4"	13/4" Flanged Ha	Flange			92000-0560	30919-0001	18753-0342	18753-0495	30192-0000	1	1	18753-0521	18753-0522	18753-0521	Proprietary	30193	30914-1000	Proprietary
30190-0001	USA 1	130 13/4"		Flange			92000-0560	30919-0001	18753-0342	18753-0495	30192-0000	1	ı	18753-0521	18753-0522	18753-0521	Proprietary	30193	30914-1000	Proprietary
30410-9001	USA 0	040 17	11/2" NPT Ha	Flange			18753-0133	1210-0001	0800-08096											
30890-0001	USA 1	130 2"	2" Hose Fla	Flange			18753-0343	30919-0001	18753-0342	18753-0495	30929-1000	18753-0495	1	18753-0521	18753-0469	18753-0521	30903-1000	30915-1000	30914-1000	30901-1000
30890-0051	USA 1	130 2"	2" Hose Fla	Flange			18753-0343	30919-0001	18753-0342	18753-0495	30933	18753-0495	1	18753-0521	1	18753-0521	30903-1000	30915-1000	30914-1000	
30891-0001	USA 1		2" Hose Fla	Flange			18753-0343	30919-0001	18753-0342	18753-0495	30929-1000	18753-0495	1	18753-0521		18753-0521	30906-1000	30915-1000	30914-1000	
30891-0002	USA 1	130 2"	2" Hose Fla	Flange			18753-0343	30919-0001	18753-0342	18753-0495	30929-1000	18753-0495	1	18753-0521	-	18753-0521	30906-1000	30915-1000	30914-1000	
30892-0001	USA 1	130 2"	2" Hose Fla	Flange		90135-0001	18753-0343	30919-0001	18753-0342	18753-0346	30929-1000	18753-0346		with shaft assy		with shaft assy	30908-0000	30915-1000	30914-1000	30901-0000
30910-0000	USA 1		2" Hose Fc	Foot		90135-0001		30919-0001	18753-0342	18753-0346	30929-1000	18753-0346		with shaft assy		with shaft assy	30912-1000	30915-1000	30914-1000	30911-1000
30940-0001	USA 1	130 2"	2" Hose Fc	Foot		90135-0001		30919-0001	18753-0342	18753-0346	30929-1000	18753-0346		with shaft assy		with shaft assy	30912-1000	30915-1000	30914-1000	30911-1000
30940-0011	_		2" Hose Fc	Foot		90135-0001	18753-0343	30919-0001	18753-0342	18753-0346	30929-1000	18753-0346		with shaft assy		with shaft assy	30912-1000	30915-1000	30914-1000	30911-1000
42730-0000	USA 1	120 1	1" NPT Fc	Foot		90124-0001	18753-0330	18948-0001	0800-08096	18753-0332	42737-1000	18753-0332	I	!	!	1	42739-1000	4156-0000	42738-1000	42734-1000
43210-0001	-	_	1'/4" Hose Fla	Flange		90196-0001	43205-1000	17954-0001	18753-0328	18753-0314	43176-1000	1	I	18753-0318	!	18753-0318	43207-1000	43176-1000	43208-1000	43209-1000
43210-0001 Dual	O NSA 0	040	1" Hose Fla	Hange	Cooling	90134-0001	I	3085-0001	l	I	490-0000	ı	ı	!	1	!	l	I	ı	10194-0000
47070-2001	O YN	070	3/4" BSP Fc	Foot			X4020-369F	31070-0051	SP6080-0469	X3001-078F	47072-0000	X3004-074F	SP2700-1027	SP2600-12	!	SP2600-12	47077-0000	4156	47075-0000	47074-2000
47100-2001	UK 1	100	1" BSP Fc				X4020-389A	31100-0061	X5280-008	X3001-178F	47102-0000	X3001-178F	X5280-009	SP2601-0468		SP2601-0468	47107-0000	47106-0000	47105-0000	47104-2000
47300-2001	NK 3	300 2	2" BSP Fc	Foot			X4020-399A	31300-0051	21849	X3001-178F	47302-0000	X3001-205F	SP2701-54	SP2601-0458	!	SP2601-0458	47307-0000	47306-0000	47305-0000	47304-2000
50080-2001	OK 0		1" BSP Fc	Foot		SK406-0001	890	17937-0001	SP2700-1027	X3001-147F	934	SP1004-09	SP2700-48	SP2600-06	-	-	50087-0000	4156	3993	50084-2000
50080-2003	O Yn	080	1" BSP Fc	Foot		SK406-0003	890	17937-0003	SP2700-1027	X3001-147F	934	SP1004-09	SP2700-48	SP2600-06	1	-	50087-0000	4156	3993	50084-2000
50080-2101	OK 0		1" BSP Fc	Foot		SK406-0001	890	17937-0001	SP2700-1027	X3001-147F	934	SP1004-09	SP2700-48	SP2600-06	-	-	50087-0000	4156	3993	50084-2000
50080-2103	OK 0	080	1" BSP Fc	Foot		SK406-0003	890	17937-0003	SP2700-1027	X3001-147F	934	SP1004-09	SP2700-48	SP2600-06	!	!	50087-0000	4156	3993	50084-2000
50080-2201	OK 0	080	1" BSP Fc	Foot		SK406-0001	890	17937-0001	SP2700-1027	X3001-147F	934	SP1004-09	SP2700-48	SP2600-06	!	-	50087-0000	4156	3993	50084-2000

890   17337-0001   SP2700-1027   X3001-147F   934   SP1004-09   SP2700-48   SP2600-06     S0087-0000   4156		399	
Foot   Skade-0001   S90   17937-0001   SP2700-1027   X3001-147F   S94   SP1004-09   SP2700-48   SP2700-66     S0087-0000		4156	
S	2000	50087-0000	
SKAGG-0001 890 17937-0001 SP2700-1027 X3001-147F 934 SF1004-09 SP2700-48 SP2700-06 [		!	0.2.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0
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1   15   Foot   Skatog-0001   890   17937-0001   Sp2700-1027   X3001-147F   934	2000	SP2600-06	
1   15   Foot   Skatog-0001   890   17937-0001   Sp2700-1027   X3001-147F   934	20017	SP2700-48	3 8 9 1
S Foot SKAGG-0001 890 17937-0001 SP2700-1027 X3001-11	20000	SP1004-09	
S Foot SKAGG-0001 890 17937-0001 SP2700-1027 X3001-11	1	934	9
S		X3001-147F	A ®
S	20000	SP2700-1027	0000
2 Froot State-0001	2000	17937-0001	
2 Foot (4) (1) (3)		890	· a
2 Foot (4) (1) (3)	2000	SK406-0001	
2 S F FOOT			(E)
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	Body OEM supply only	14	50084-2000	50084-2000	50084-2000	50084-2000	50084-2000	50194-1000	50204-2000	50204-2000	50204-2000	50204-2000	50204-2000	50204-2000	50204-2000	50204-2000	50204-2000	50204-2000	50204-2000	50204-2000	50214-2000	50214-1100	10634-02	10634-02	10634-02	10634-02	10634-02	10584	50264-2000	10634-02	10634-02	10634-02	10634-02	10634-02	10634-02	10634-02	10634-02	10634-02	10634-02	10634-02	10634-02	10634-02
	Endcover	13	3993	3993	3993	3993	3993	3992	9336	9336	9336	9336	9336	9336	9336	9336	9336	9336	9336	9336	3993	50215-0000	9336	9336	9336	9336	9336	9336	3993	9336	9336	9336	9336	9336	9336	9336	9336	9336	9336	9336	9336	9336
	Wearplate	12	4156	4156	4156	4156	4156		2574	2574	2574	2574	2574	2574	2574	2574	2574	2574	2574	2574	4156	4156	2574	2574	2574	2574	2574	2574	4156	2574	2574	2574	2574	2574	2574	2574	2574	2574	2574	2574	2574	2574
9	Shaft	11	20087-0000	50087-0000	50087-0000	50087-0000	50087-0000	50197-0000	50207-0000	50207-0000	50207-0000	50207-0000	50207-0000	50207-0000	50207-0000	50207-0000	50207-0000	50207-0000	50207-0000	50207-0000	50217-0000	50217-0200	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000	50267-0000	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000	50227-0000
GENERAL PARTS LISTING	Drive End Bearin	10	ı	i	i	ı	i	i	i	i		l	i	l	-	l		i	ł	l	SP2600-0500	SP2600-0500	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2600-01	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458
IL PART	Drive End Oil Seal	6	i	i	i	ŀ	1	i	i	i	l	l	l	l		l	1	i	ł	l	ì		i	i	l	i	i	i	i	i	i	i	i	i	i	l	1	i	i	i	i	i
GENERA	Pump End Bearing	8	SP2600-06	SP2600-06	SP2600-06	SP2600-06	SP2600-06	SP2601-0451	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2600-0500	SP2600-0500	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2600-01	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458
	Pump End Oil Seal	7	SP2700-48	SP2700-48	SP2700-48	SP2700-48	SP2700-48	1	SP2700-50	SP2700-50	SP2700-50	SP2700-50	SP2700-50	SP2700-50	SP2700-50	SP2700-50	SP2700-50	SP2700-50	SP2700-50	SP2700-50	!		SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2700-1027	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54	SP2701-54
	Cam Screw	9	SP1004-09	SP1004-09	SP1004-09	SP1004-09	SP1004-09	SP1003-01	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1004-09	X3004-174F	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1004-11	SP1005-04												
	Cam	2	934	934	934	934	934	490	834	834	834	834	834	834	834	834	834	834	834	834	934	53082-0000	834	834	834	834	834	834	3255	6988	6988	6988	6988	6988	6988	6988	6988	6988	6988	6988	8869	6988
	End Cover Screws	4	X3001-147F	X3001-147F	X3001-147F	X3001-147F	X3001-147F	X3001-095F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-147F	X3001-147F	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1003-0111	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640	SP1095-0640
AILS	Water Seal	3	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	21849	21849	21849	21849	21849	21849	21849	21849	21849	21849	21849	21849	SP2700-1027	SP2700-1027	21849	21849	21849	21849	21849	21849	SP2700-1027	21849	21849	21849	21849	21849	21849	21849	21849	21849	21849	21849	21849	21849
KIT DETAILS	Impeller *OEM supply only	2	17937-0003	17937-0001	17937-0003	17937-0001	17937-0003	1210-0001	836-0003	17935-0001	836-0003	17935-0001	836-0003	17935-0001	836-0003	17935-0001	836-0003	836-0003	836-0003	836-0003	17937-0001	17937-0001	17935-0001	17935-0001	17935-0001	17935-0001	836-0003	17935-0001	17937-0001	17936-0001	17936-0001	17936-0001	17936-0001	17936-0001	6760-0003	17936-0001	17936-0001	17936-0001	17936-0001	6760-0003	17936-0001	6760-0003
SERVICE	Gasket/ O Ring	1	890	890	890	890	068	3298	816	816	816	816	816	816	816	816	816	816	816	816	890	X4020-269A	816	816	816	816	816	816	890	816	816	816	816	816	816	816	816	816	816	816	816	816
S	Kit Number	Key	SK406-0003	SK406-0001	SK406-0003	SK406-0001	SK406-0003		SK407-0003	SK407-0011	SK407-0003	SK407-0011	SK407-0003	SK407-0011	SK407-0003	SK407-0011	SK407-0003	SK407-0003	SK407-0003	SK407-0003			SK407-0011	SK407-0011	SK407-0011	SK407-0011	SK407-0003	SK407-0011	SK385-0001	SK408-0011	SK408-0011	SK408-0011	SK408-0011	SK408-0011	SK408-0013	SK408-0011	SK408-0011	SK408-0011	SK408-0011	SK408-0013	SK408-0011	SK408-0013
	Alternate Part No																																									
VILS	etelete	qO						e													e	9							e													
DETA	Mount Type		Foot	Foot	Foot	Foot	Foot	Flange	Foot	Flange	Flange	Foot	Foot	Foot	Foot	Foot	Foot	Flange	Foot																							
PUMP DETAILS	Port Type		1" BSP	Ø 32 Hose	11/2" BSP	11/2" BSP	11/2" BSP	11/2" BSP	11/2" BSP	11/2" BSP	11/2" BSP	11/2" BSP	11/2" BSP	11/2" BSP	11/2" BSP	11/2" BSP	Clamp	Clamp	11/2" Flanged	1'/2" Flanged	1'/2" Flanged	11/2" Flanged	11/2" Flanged	1'/2" Flanged	1" BSP	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" Flanged	2" BSP	2" BSP	2" BSP	2" BSP	2" BSP	2" BSP	2" BSP				
JABSCO	Origin Pump Size		080	080	080	080	080	040	200	200	200	200	200	200	200	200	200	200	200	200	080	080	200	200	200	200	200	200	080	270	270	270	270	270	270	270	270	270	270	270	270	270
JAB	Origin		ž	ž	Ϋ́	ž	ž	š	ž	ž	ž	ž	ž	ž	ž	ž	ž	ž	Ϋ́	ž	Ϋ́	ž	ž	ž	ž	ž	ž	ž	š	ž	š	ž	ž	ž	š	ž	ž	ž	ž	ž	ž	ž
	Pump Number		50080-2203	50080-2301	50080-2303	50080-2321	50080-2903	50190-1001	50200-2003	50200-2011	50200-2103	50200-2111	50200-2203	50200-2211	50200-2303	50200-2311	50200-2903	50200-9203	50200-9303	50200-9403	50210-1001	50210-1101	50220-0011	50220-0111	50220-0211	50220-0311	50220-0903	50230-0311	50260-2041	50270-0011	50270-0111	50270-0211	50270-0311	50270-0911	50270-0913	50270-2011	50270-2111	50270-2211	50270-2311	50270-2313	50270-2911	50270-2913

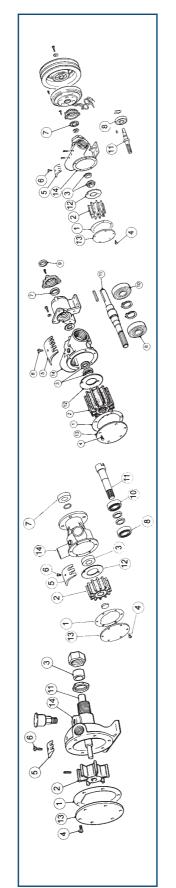


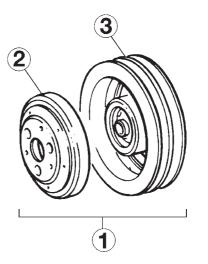
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	Body OEM supply only	14	3274-200	3274-200	29604-1700	29604-1300	29604-1300	50324-2000	50344-1000	50354-1000	50364-1000	50374-1000	29504-1200	50414-1000	50414-1000	50414-1000	50414-1000	50414-1000	50414-1000	51584-2100	50084-2100	50084-2100	50084-2100	50084-9100	50204-2100	50204-2100	50204-9100	10634	10494	50204-2100	50204-2100	50274-0000	51514-2000	51524-2000	51584-2100	52014-2000	52014-2000	52014-2000	52024-2000	52024-2000	52024-2000	52024-2000
	Endcover	13	3992	3992	3993	3993	3993	3993	3992	50355-0000	23825-0000	23825-0000	3992	50416-0000	50416-0000	50416-0000	50416-0000	50416-0000	50416-0000	50355-0000	3993	3993	3993	3993	9336	9336	9336	9336	9336	9336	9336	9336	29305-0100	29405-0000	50355-0000	29305-0000	29305-0000	29305-0000	3992	3992	3992	3992
	Wearplate	12	7883	7883	4156	4156	4156	Not Fitted	7883	4156	7883	7883	7883							4156	4156	4156	4156	4156	2574	2574	2574	2574	2574	2574	2574	2574	Not Fitted	Not Fitted	4156	29306-0000	29306-0000	29306-0000	ļ	!	!	!
ניז	Shaft	11	3277	3277	50317-0000	29609-0100	29609-0200	50327-0000	50347-0000	50357-0000	50367-0000	50377-0000	50407-0000	22113-6000	22113-6000	22113-6000	22113-6000	22113-6000	22113-6000	50587-0000	51087-0000	51087-0000	51087-0000	51087-0000	51207-0000	51207-0000	51207-0000	51207-0000	51277-0000	51277-0000	51277-0000	51277-0000	51517-0000	51527-0000	51587-0000	52017-0000	52017-0000	52017-0000	52027-0000	52027-0000	52027-0000	52027-0000
LISTIN	Drive End Bearin	10	i	i	SP2600-0500 5	SP2600-0500 Z	SP2600-0500 2	SP2600-12 5	SP2601-0451 5	SP2600-11 5	SP2601-0451 5	SP2601-0451 5	SP2601-0451 5	SP2600-12 2	SP2600-12 2	SP2600-12 2	SP2600-12 2	SP2600-12 2	SP2600-12 2	SP2601-0468 5	SP2600-11 5	SP2600-11 5	_	SP2600-11 5	SP2600-09 5		+	۰	SP2600-09 5	-	-	_	SP2601-0457 5	SP2601-0457 5	SP2601-0468 5	SP2601-0457 5	SP2601-0457 5	SP2601-0457 5	SP2601-0457 5		_	
- PARTS	Drive End Oil Seal	6	1	1	S	IS	IS		IS		IS	S	S							IS	1	1	1	1	1	1	ı	1	1	1	1	1	IS	IS	IS	SP2701-1006 SI	SP2701-1006 SI		SP2701-1006 SI	SP2701-1006 SI	SP2701-1006 SP2601-0457	SP2701-1006 SP2601-0457
GENERAL PARTS LISTING	Pump End Bearing	8	SP2601-07	SP2601-07	SP2600-0500	SP2600-0500	SP2600-0500	SP2600-12	SP2601-0451	SP2600-11	SP2601-0451	SP2601-0451	SP2601-0451	SP2600-12	SP2600-12	SP2600-12	SP2600-12	SP2600-12	SP2600-12	SP2601-0468	SP2600-06	SP2600-06	SP2600-06	SP2600-06	SP2600-04	SP2600-04	SP2600-04	SP2600-04	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0458	SP2601-0457	SP2601-0457	SP2601-0468	SP2601-0457 SI	SP2601-0457 SI	SP2601-0457 SI	SP2601-0457 SI	SP2601-0457 SI	SP2601-0457 SI	SP2601-0457 SI
	Pump End Oil Seal	7	SP2701-21	SP2701-21	SP2700-1027 S	SP2700-1027 S	SP2700-1027 S	Not Fitted	SP2700-1027 S	SP2701-0903	SP2700-1027 S	SP2700-1027 S	SP2700-1027 S							S	SP2700-48	SP2700-48	SP2700-48	SP2700-48	SP2700-50	SP2700-50	SP2700-50	7	SP2701-54 S	-	_	SP2701-54 S	S	S	S	SP2701-0501 S	SP2701-0501 S	_	SP2701-0501 S	_	_	SP2701-0501 S
	Cam Screw	9	SP1003-01	SP1003-01	SP1004-09 S	SP1004-09 S	SP1004-10 S	SP1004-09	SP1003-01 S	SP1004-09 S	SP1003-01 S	SP1003-01 S	SP1003-01 S	X3003-149K	X3002-147F	X3003-149K	X3002-147F	X3002-147K	X3003-149K	X3003-176F	SP1004-09	SP1004-09	SP1004-09	SP1004-09	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	SP1005-04	Not Fitted	Not Fitted	X3003-176F	S	SP1009-05 S	S			_	SP1010-06 S
	Cam	2	7876	7876	934	934	2431	934	490	23341-0001	490-0100	23826-0000	490	22318-0100	22308-0100	22318-0100	22308-0100	22318-0100	22318-0100	53082-0000	934	934	934		834	834	834	834	8869	6988	8869	8869	Not Fitted	Not Fitted	53082-0000		29303-0000		2907-0001	2907-0001	2907-0001	2441
	End Cover Screws	4	SP1002-02	SP1002-02	X3001-209F	SP1003-0111	SP1003-0111	X3001-147F	X3004-095G	X3001-176F	X3001-147F	X3001-147F	SP1002-02	X3001-151F	X3001-151F	X3001-151F	X3001-151F	X3001-151F	X3001-151F	X3001-176F	X3001-147F	X3001-147F	X3001-147F	X3001-147F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-176F	X3001-095F	X3001-174F	X3001-176F	X3001-095F	X3001-095F	X3001-095F	X3001-095F	X3001-095F	X3001-095F	X3001-095F
AILS	Water Seal	3	SP2701-21	SP2701-21	SP6080-0469	SP6080-0469	SP6080-0469	SP2700-1027	SP2700-1027	SP6080-0469	SP6080-0469	SP6080-0469	SP2700-1027	SP2701-21	SP2701-21	0809-08096	0809-08096	SP2701-21	0809-08096	96080-0620	SP2700-1027	SP2700-1027	SP2700-1027	SP2700-1027	21849	21849	21849	21849	21849	21849	21849	21849	96080-6024	96080-6024	96080-0620	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006	SP2701-1006
KIT DETAILS	Impeller *OEM supply only	2	1210-0001	1210-0001	17937-0001	17937-0001	17937-0001	17937-0001	1210-0001	17018-0001	1210-0001	1210-0001	1210-0001	18777-0001	18777-0001	18777-0001	18777-0001	18777-0001	18777-0001	17937-0001	17937-0001	17937-0003	17937-0001	920-0003	836-0003	17935-0001	836-0003	17935-0001	21676-0001	21676-0001	21676-0003	6760-0003	22405-0001	653-0001	17937-0001	22405-0001	22405-0001	22405-0001	18653-0001	18653-0001	18653-0001	18653-0001
SERVICE	Gasket/ O Ring	-	3298	3298	X4020-354A	X4020-354A	X4020-354A	890	3298	X4020-269A	X4020-259A	X4020-259A	3298	92000-1403	92000-1403	92000-1403	92000-1403	92000-1403	92000-1403		890	890	890	890	816	816	816	816	816	816	816	816	X4020-244A	X5251-049		29308-0000	29308-0000	29308-0000	2995-0030	2995-0030	2995-0030	2995-0030
S	Kit Number	Key	SK271	SK271					SK384-0001				SK384-0001							X4020-269A	SK406-0001	SK406-0003	SK406-0001		SK407-0003	SK407-0011		SK407-0011	SK408-0011	SK408-0011	SK408-0013				X4020-269A	SK404-0101	SK404-0101	SK404-0101	SK405-0101	SK405-0101	SK405-0101	SK405-0101
	Alternate Part No																								Bilge Option	Bilge Option													51520-2001			
VILS	≠ °° etelete	qo	Je Je	Je Je	Je .	Je Je	e l		Je Je	Je Je	Je Je	Je .	Je.	~	~	_	~	~	~		,		,	,	_	,	_	_	_	,		_			_	, ×	×	ر ×	×	×		×
P DETA	oe Mount Type		Flange	Flange	se Flange	se Flange	H	Foot	se Flange	_	se Flange		se Flange	se Crank	PT Foot	Foot	Foot	Foot	Foot	+		+	_	ed Foot			Foot	Foot	Foot	PT Foot	Foot	Foot	Foot	Foot		+	Foot					
JABSCO PUMP DETAILS	p Port Type		3/4" BSP	3/4" BSP	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	1" BSP	Ø 28 Hose	Ø 45 Hose	Ø 28 Hose	Ø 28 Hose	Ø 28 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	Ø 32 Hose	1" BSP/NPT	1" BSP	1" BSP			4	_	-	_	2" Flanged				3%" BSP	_	1" BSP/NPT	Mar NPT	%" BSP		1/2" BSP		4	%" BSP
BSC	Origin Pump Size		K 040	K 040	K 080	K 080	080 X	080 X	040	K 120	K 040	K 040	K 040	090 х	090	м 090	К 060	090 ж	090 х	K 080	N 080	K 080	080 ×	-	+		+	-	K 270	-	K 270	-	N 010	K 020	K 080	N 010	N 010		-		+	K 020
٩	Orig		1 UK	1 K	1 K	1 UK	1 K	1 UK	1 CK	1 UK	1 K	1 CK	1 UK	1 K	1 K	1 K	1 K	1 CK	1 UK	as UK	1 CK	3 UK	1 CK		3 K	-	+	-	1 K	-	3 K		1 K	1 UK	as UK	1 K	1 K	1 K	1 K		-	1 K
	Pump Number		50280-2001	50280-2101	50310-1001	50310-1101	50310-1251	50320-2001	50340-1001	50350-1001	50360-1001	50370-1001	50400-1001	50410-1201	50410-1251	50410-1301	50410-1351	50410-1401	50410-1501	50580-series	51080-2001	51080-2003	51080-2041	51080-9013	51200-2003	51200-2011	51200-9013	51220-0011	51270-0011	51270-2011	51270-2013	51270-9013	51510-2001	51520-2001	51580-series	52010-0051	52010-2001	52010-2051	52020-2001	52020-2031	52020-2031	52020-2051

Service Parts

# Flexible Impeller Pumps Spares by Pump Model 52040-2001 to 52270-2041

	Ϋ́	BSCO	JABSCO PUMP DETAILS	DETAIL	S		SE	SERVICE	ICE KIT DETAILS	AILS					GENER/	AL PART	GENERAL PARTS LISTING	9			
Pump Number	Origi	Origin Pump Size	Port Type	Mount	ətələs	Alternate Part No	Kit Number	Gasket/ O Ring	Impeller *OEM supply only	Water Seal	End Cover Screws	Cam	Cam Screw	Pump End Oil Seal	Pump End Bearing	Drive End Oil Seal	Drive End Bearin	Shaft	Wearplate	Endcover	Body OEM supply only
					9O		Key	-	2	3	4	2	9	7	8	6	10	11	12	13	14
52040-2001	ž	040	3/4" BSP	Foot			SK384-0101	3298	1210-0001	SP2701-1015	X3001-095F	490	SP1003-01	SP2700-1027		SP2701-1015	SP2601-0451 SP2701-1015 SP2601-0451	52047-0000	!	3992	52044-2000
52040-2003	ž	040	3/4" BSP	Foot			SK384-0101	3298	1210-0003	SP2701-1015	X3001-095F	490	SP1003-01	SP2700-1027	SP2601-0451	SP2601-0451 SP2701-1015 SP2601-0451	SP2601-0451	52047-0000	1	3992	52044-2000
52040-2021	ž	040	3/4" BSP	Foot			SK384-0101	3298	3085-0001	SP2701-1015	X3001-095F	490	SP1003-01	SP2700-1027	SP2601-0451	SP2701-1015	SP2601-0451 SP2701-1015 SP2601-0451	52047-0000	1	3992	52044-2000
52040-2401	ž	040	3/4" BSP	Foot			SK384-0101	3298	1210-0001	SP2701-1015	X3001-095F	4906	SP1003-01	SP2700-1027		SP2701-1015	SP2601-0451 SP2701-1015 SP2601-0451	52047-0000	1	3992	52044-2000
52051-2051	¥	040	3/4" BSP	Foot			SK384-0101	3298	1210-0001	SP2701-1015	X3001-095F	10336	SP1003-01	SP2700-1027	SP2601-0451	SP2701-1015	SP2601-0451	52047-0000	!	3992	52044-2000
52080-2001	ž	080	1" BSP	Foot			SK406-0001	890	17937-0001	SP2700-1027	X3001-147F	934	SP1004-09	SP2700-48	SP2600-06	SP2700-1027	i	52087-0000	4156	3993	50084-2100
52080-2003	¥	080	1" BSP	Foot			SK406-0003	890	17937-0003	7937-0003 SP2700-1027	X3001-147F	934	SP1004-09	SP2700-48	SP2600-06	SP2700-1027	1	52087-0000	4156	3993	50084-2100
52080-2021	¥	080	1" BSP	Foot			SK406-0021	890	5915-0001	SP2700-1027	X3001-147F	934	SP1004-09	SP2700-48	SP2600-06	SP2700-1027	1	52087-0000	4156	3993	50084-2100
52080-2041	¥	080	1" BSP	Foot	×		SK406-0001	890	17937-0001	SP2700-1027	X3001-147F			SP2700-48	SP2600-06	SP2700-1027	i	52087-0000	4156	3993	50084-2100
52080-2051	ž	080	1" BSP	Foot			SK406-0001	890	17937-0001	SP2700-1027	X3001-147F	2431	SP1004-10	SP2700-48	SP2600-06	SP2700-1027	i	52087-0000	4156	3993	50084-2100
52080-2101	ž	080	1" BSP	Foot			SK406-0001	890	17937-0001	SP2700-1027	X3003-178F	934	SP1004-09	SP2700-48	SP2600-06	SP2700-1027	i	52087-0100	4156	3993	50084-2200
52580-series	¥	080	1" BSP/NPT	Foot			X4020-269A		17937-0001	96080-0620	X3001-176F	53082-0000	X3003-176F		SP2601-0468	51586-0000	SP2601-0468	52587-0000	4156	50355-0000	51584-2000
52200-2001	ž	200	11/2" BSP	Foot	×	52200-2011	SK407-0011	816	17935-0001	21849	X3001-176F	834	SP1005-04	SP2700-50	SP2600-04	SP2701-1013	i	52207-0000	2574	9336	50204-2100
52200-2003	ž	200	11/2" BSP	Foot			SK407-0003	816	836-0003	21849	X3001-176F	834	SP1005-04	SP2700-50	SP2600-04	SP2701-1013	i	52207-0000	2574	9336	50204-2100
52200-2011	ž	200	11/2" BSP	Foot			SK407-0011	816	17935-0001	21849	X3001-176F	834	SP1005-04	SP2700-50	SP2600-04	SP2701-1013	i	52207-0000	2574	9336	50204-2100
52200-2041	ž	200	11/4" BSP	Foot			SK407-0011	816	17935-0001	21849	X3001-176F			SP2700-50	SP2600-04	SP2701-1013	l	52207-0000	2574	9336	50204-2100
52200-2051	ž	200	11/2" BSP	Foot			SK407-0011	816	17935-0001	21849	X3001-176F	2551	SP1005-05	SP2700-50	SP2600-04	SP2701-1013	i	52207-0000	2574	9336	50204-2100
52220-0011	ž	200	11/2" Flanged	Foot			SK407-0011	816	17935-0001	21849	X3001-176F	834	SP1005-04	SP2701-54	SP2601-0458	SP2601-0458 SP2701-1013	SP2601-0458	52227-0000	2574	9336	10634
52220-0041	ž	200	11/2" Flanged	Foot			SK407-0011	816	17935-0001	21849	X3001-176F			SP2701-54	SP2601-0458	SP2701-1013	SP2601-0458 SP2701-1013 SP2601-0458	52227-0000	2574	9336	10634
52220-0051	¥	200	11/2" Flanged	Flange			SK407-0011	816	17935-0001	21849	X3001-176F	2551	SP1005-05	SP2701-54	SP2601-0458	SP2701-1013	SP2601-0458 SP2701-1013 SP2601-0458	52227-0000	2574	9336	10634
52230-0001	ž	200	11/2" Flanged	Flange				816	17935-0001	21849	SP1095-0640	834	SP1005-04	SP2700-50	SP2600-32			21239-0030	2574	9336	10584-03
52270-0011	ž	270	2" Flanged	Foot			SK408-0011	816	17936-0001	21849	SP1095-0640	6988	SP1005-04	SP2701-54	SP2601-0458	SP2701-1013	SP2601-0458 SP2701-1013 SP2601-0458	52277-0000	2574	9336	10494
52270-2011	ž	270	2" BSP	Foot			SK408-0011	816	17936-0001	21849	X3001-176F	6988	SP1005-04	SP2701-54	SP2601-0458	SP2701-1013	SP2601-0458 SP2701-1013 SP2601-0458	52277-0000	2574	9336	50274-2100
52270-2013	ž	270	2" BSP	Foot			SK408-0013	816	6760-0003	21849	X3001-176F	6988	SP1005-04	SP2701-54	SP2601-0458	SP2701-1013	SP2601-0458 SP2701-1013 SP2601-0458	52277-0000	2574	9336	50274-2100
52270-2041	ž	270	2" BSP	Foot			SK408-0011	816	21676-0001	21849	X3001-176F										





Key	Desciription	11860 Series	11870 Series	18330 Series	
1	12v - 2-A Grooves Complete	92300-0030	92300-0030	92300-0030	
1	12v - 1-B Groove Complete	18753-0493	18753-0493	18753-0493	
1	24v - 2-A Grooves Complete	92300-0061	92300-0061	92300-0061	
1	24v - 1-B Groove Complete	18753-0494	18753-0494	18753-0494	
1	32v - 2-A Grooves Complete	92300-0050	-	-	
2	Replacement Field Coil 12v	98022-0500	98022-0500	98022-0500	
2	Replacement Field Coil 24v	98022-2155	98022-2155	98022-2155	
2	Replacement Field Coil 32v	98022-0510	98022-0510	98022-0510	

K	(ey	Description	21960 Series (Obsolete)	10670 Series (Obsolete)	10680 Series (Obsolete)	
	2	Replacement Field Coil 12v	SP2300-0063FC	SP2300-0063FC	SP2300-0063FC	
	2	Replacement Field Coil 24v	SP2300-0064FC	SP2300-0064FC	SP2300-0064FC	
	3	2-A Groove Pulley	SP2300-0061RA	SP2300-0061RA	SP2300-0061RA	
	3	1-B Groove Pulley	SP2300-0063RA	SP2300-0063RA	SP2300-0063RA	

Key	Description	50080/50580 Series	50200 Series	50220 Series	50270 Series
2	Replacement Field Coil 12v	SP2300-0063FC	SP2300-0063FC	SP2300-0063FC	SP2300-0063FC
2	Replacement Field Coil 24v	SP2300-0064FC	SP2300-0064FC	SP2300-0064FC	SP2300-0064FC
3	2-A Groove Pulley	SP2300-0061RA	SP2300-0061RA	SP2300-0061RA	SP2300-0061RA
3	1-B Groove Pulley	SP2300-0063RA	SP2300-0063RA	SP2300-0063RA	SP2300-0063RA



## Obsolete to Current Jabsco Parts Table

## Obsolete to Current Jabsco Parts Table



Obsolete Jabsco	Description	Current Jabsco
Part No	Description	art No.
355-24	Shaft	355-07-24
410	Seal Assembly	21849
653-0001	Impeller	18653-0001B
686	Seal Assembly	21849
688-21	Shaft	688-21-24
818	Lip Seal	SP2700-49
833	Seal Assembly	21849
913	Lip Seal	SP2700-48
914	Lip Seal	SP2700-47
1040-0000	Lip Seal	SP2701-52
2577	Seal Assembly	21849
2620-211	Pump	2620-200
2620-221	Pump	2620-200
2620-254	Pump	2620-252
2620-281	Pump	2620-252
2877-0001	Impeller	4568-0001B
2877-0003	Impeller	4568-0003B
3200-01	Pump	9440-200
3214	Lip Seal	SP2700-59
3266	Cam/Wearplate	7884
3270-200	Pump	29500-1001
3270-200	Gasket	3298
3370-200		9970-200
3370-200	Pump	9970-200
	Pump	
3380-200	Pump	9970-200
3380-221	Pump	9970-200
3996	End Cover	9336
4511	Seal Ring	9364
4517-0000	Lock Nut	C18
4518-0000	Packing Ring	C20
4530-200	Pump	AL1/4-200
4530-237	Pump	AL1/4-237
4533-0000	Packing Nut	AL18
4534-0000	Body	AL4-200
4536-0000	Packing Nut	AL16
4537-0000	Shaft	AL10
4538-0000	Cam	AL8
4538-0010	Cam	AL8-01
4539-0000	Packing Ring	AL22
4546	Packing Nut	B16
4546-0000	Packing Nut	B16
4547-01	Shaft	D10-01
4548	Lock Nut	B18
4548-0000	Lock Nut	B18
4549	Packing Ring	B22
4549-0000	Packing Ring	B22
4567-01	Shaft	C10-01
4583-0000	Packing Nut	C16
4590-200	Pump	JD3/4-200
4590-237	Pump	JD3/4-237
4594-200	Body	JD4-200
4595-200	End Cover	D6-01-200
4800-111	Pump	11790
4800-21	Pump	4800-21-01
7000 21	Tump	1000 Z 1-01

Obsolete Jabsco Part No	Description	Current Jabsco art No.
4850	Pump	9750
4860	Pump	9760
5212	Gasket	3298
5400-205	Pump	52200-2051
5522	End Cover	AL6-200
6400-200	Pump	52200-2001
6400-205	Pump	52200-2051
6400-207	Pump	52200-2011
6400-207	Pump	52200-2001
6406	Seal Seat	10163
6408	Seal Assembly	21849
6420-0101	Pump	52220-0011
6420-200	Pump	52080-2001
6420-2001	Pump	52080-2001
6420-2003	Pump	52080-2003
6420-204	Pump	52080-2041
6420-2041	Pump	52080-2041
6420-205	Pump	52080-2051
6420-2051	Pump	52080-2051
6520-200	Pump	51080-2001
6520-2001	Pump	51080-2001
6520-2003	Pump	51080-2003
6520-237	Pump	51080-2001
6520-251	Pump	51080-2001
6590-200	Pump	51200-2011
6590-237	Pump	51200-2003
6640-200	Pump	52010-2001
6640-205	Pump	52010-2001
6718	Shaft	6718-21
7420-0004	Pump	7420-0101
7447	Spacer	3166
8123	Wearplate	4357
9416	Wearplate	4156
9420	Cam	934
9430-01	Pump	11650-200
9430-211	Pump	29300-2601C
9436-211	Shaft	22286
9700-101	Pump	9700-04
9700-141	Pump	9700-04
9700-21	Pump	29600-1001
9710	Pump	9710-200
9900	Pump	29470-2231C
9970-251	Pump	9970-241
9970-271	Pump	9970-200
9990-21	Pump	9990-41
9996	Wearplate	7883
10118	Seal Assembly	1817-0000
10118	Bearing	3625-1150
10133	Shaft	21679-0010
10420	Pump	29490-2001C
10420		52270-0011
	Pump	
10490-0201	Pump	50270-0911 52270-0011
10490-07	Pump	
10490-207	Pump	52270-0011

Obsolete Jabsco Part No	Description	Current Jabsco art No.
10497	Shaft	11258
10497-01	Shaft	11258-01
10590	Pump	10590-22
10590-01	Pump	11101-01-01
10590-0141	Pump	10590-0041
10590-21	Pump	10590-22
10590-61	Pump	10590-62
10630	Pump	52220-0011
10630-01	Pump	52220-0011
10630-07	Pump	52220-0011
10630-200	Pump	52220-0011
10630-207	Pump	52220-0011
10630-57	Pump	52220-0011
10650	Pump	51220-0011
10650	Pump	51220-0011
10650-0003	Pump	51220-0011
10650-200	Pump	51200-2011
10657-0040	Shaft	10657-0020
10657-0050	Shaft	10657-0030
10660	Pump	51270-0011
10660-0003	Pump	51270-0011
10660-200	Pump	51270-2011
10670	Pump	50220-0011
10670-0003		50220-0011
	Pump	
10670-01	Pump	50220-0111
10670-0103	Pump	50220-0111 50220-0211
10670-0203	Pump	
10670-0303	Pump	50220-0311
10670-10	Pump	50220-0211
10670-11	Pump	50220-0311
10670-200	Pump	50200-2011
10670-201	Pump	50200-2111
10670-210	Pump	50200-2211
10670-211	Pump	50200-2311
10677-0040	Shaft	10677-0020
10677-0050	Shaft	10677-0030
10680	Pump	50270-0011
10680	Pump	50270-0011
10680-0003	Pump	50270-0011
10680-01	Pump	50270-0111
10680-0103	Pump	50270-0111
10680-0203	Pump	50270-0211
10680-0303	Pump	50270-0311
10680-10	Pump	50270-0211
10680-11	Pump	50270-0311
10680-200	Pump	50270-2011
10680-201	Pump	50270-2111
10680-210	Pump	50270-2211
10680-211	Pump	50270-2311
10880	Pump	10880-07
10880-2461	Pump	10880-2561
10950-200	Pump	10950-2401
10950-201	Pump	10950-2401
10950-204	Pump	10950-2401

Obsolete Jabsco	Description	Current Jabsco
Part No	Description	art No.
10950-205	Pump	10950-2401
10950-2101	Pump	10950-2401
10950-2141	Pump	10950-2401
10950-2201	Pump	10950-2601
10950-2241	Pump	10950-2601
10950-2441	Pump	10950-2601
10950-2451	Pump	10950-2601
10950-2701	Pump	10950-2401
10980-01	Pump	10980-0051
11253	Shaft	11254
11253-01	Shaft	11254-01
11256	Shaft	11258
11256-01	Shaft	11258-01
11260-200	Pump	29300-2101C
11260-205	Pump	29300-2151C
11260-2101	Pump	29300-2201C
11260-2151	Pump	29300-2151C
11417	Gasket	890
11493-01	Shaft	11494-01
11613	Lip Seal	SP2701-0940
11620-200	Pump	22830-2101
11788	Shaft	11749-0000
11796-0020	Shaft	11796-0010
11850-0101	Pump	11850-0701
21090-200	Pump	21090-204
21130-200	Pump	21130-2101
21140-200	Pump	21140-2401
21140-201	Pump	21140-2401
21140-201	Pump	21140-2401
21140-2101	Pump	21140-2601
21140-2141	Pump	21140-2601
21140-2141	Pump	21140-2601
21140-2241	Pump	21140-2601
21140-2241	Shaft	9527
21677	Shaft	21679-0000
21677	Shaft	21679-0000
21820-200	Pump	52040-2001
21820-2001	Pump	52040-2001
21820-2003	Pump	52040-2003
21820-2021	Pump	52040-2021
21890	Pump	10880-2611
21944	Seal Assembly	22644-6000
21960-200	Pump	50080-2001
21960-2003	Pump	50080-2003
21960-210	Pump	50080-2101
21960-2103	Pump	50080-2103
21960-211	Pump	50080-2201
21960-2203	Pump	50080-2203
21960-221	Pump	50080-2301
21960-2303	Pump	50080-2303
22040-0131	Pump	22040-0501
22287	Shaft	22286
22304-0020	Body	22304-02
22307	Bearing Housing	22317

## Obsolete to Current Jabsco Parts Table

Obsolete Jabsco Part No	Description	Current Jabsco art No.
22314	Bearing Housing	22317
22617-0000	Seal Assembly	22617-0010
22620	Pump	29440-1101
22740-0251	Pump	22740-0151
22740-0301	Pump	22740-0201
22750-05	Pump	22750-1101
22754	Bearing Housing	22317-0010
22770	Pump	29440-1001
22770-1051	Pump	29440-1051
22770-1101	Pump	29440-1101
22770-1201	Pump	29440-1201
22940-2001	Pump	52010-2001
22950-2031	Pump	52020-2001
22950-2037	Pump	52020-2001
23328-0000	Pump	23328-9000
23387-0000	Pump	23387-0020
23800-0251	Pump	23800-0201
23800-0351	Pump	23800-0401
29470-0231	Pump	29470-1231
29470-0231C	Pump	29470-1231C
29850-0031	Pump	29880-0001
52200-2001	Pump	52200-2011
AL24	Impeller	4528-0001B
AL24-37	Impeller	4528-0003B
B12-37	Impeller	4527-0003B
B3/8 -200	Pump	6540-200
C10	Shaft	C10-01
C12	Impeller	4568-0001B
C12-37	Impeller	4568-0003B
D10	Shaft	D10-01
D12	Impeller	4598-0001B
D12-37	Impeller	4598-0003B
SP1002-07	Screw	SP1002-02
SP1003-0090	Screw	SP1003-09
SP1004-0090	Screw	SP1004-09
SP1009-08	Screw	SP1009-05
SP1023-0050	Screw	91023-0050
SP1095-0090	Bolt	SP1095-09

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Obsolete Jabsco Part No	Description	Current Jabsco art No.
SP1105-0030	Nut	SP1105-03
SP1401-0100	Key	SP1401-10
SP1402-12	Key	9214
SP1602-0060	Washer	SP1602-06
SP1700-2470	Retaining Ring	SP1700-247
SP2600-02	Bearing	SP2600-11
SP2600-0420	Bearing	SP2601-42
SP2601-18	Bearing	SP2600-18
SP2700-0480	Lip Seal	SP2700-48
SP2700-06	Lip Seal	SP2701-21
SP2700-0910	Lip Seal	SP2700-91
SP2700-11	Lip Seal	SP2701-14
SP2700-14	Lip Seal	SP2701-04
SP2700-18	Lip Seal	SP2701-21
SP2700-28	Lip Seal	SP2700-51
SP2700-66	Seal	92700-0660
SP2700-90	Lip Seal	SP2700-05
SP2701-07	Lip Seal	SP2700-51
SP2701-18	Lip Seal	SP2701-54
SP2701-48	Lip Seal	SP2700-48
SP2701-49	Lip Seal	SP2700-49
SP2702-80	Lip Seal	SP2701-52
SP2703-02	Lip Seal	SP2701-21
SP2703-07	Lip Seal	SP2700-49
SP2705-05	Lip Seal	SP2700-05
SP2901-18	Lip Seal	SP2701-54
SP6080-0070	Seal Assembly	22617-0010
SP6080-03	Seal Assembly	SP6080-10
SP6080-0372	Seal Assembly	21849
SP6080-0373	Seal Assembly	22626-0000
SP6080-07	Seal Assembly	22617-0010
SP6080-07B	Seal Assembly	22617-0010
SP6080-11	Seal Assembly	22642-0000
SP6080-24	Seal Assembly	22643-0000
SP8022-0070	Seal Assembly	22617-0010
SP8022-07	Seal Assembly	22617-0010
SP8033-0161	Seal Assembly	22644-6000



## USA to UK Jabsco Parts Table

Jabsco USA Part No.	Description	Jabsco UK Part No.
490-0000	Cam	490
490-0001	Cam	490
816-0000	Gasket	816
817-0000	Lip Seal	SP2700-50
817-6000	Lip Seal	SP2700-50
818-0000	Lip Seal	SP2700-49
824-0000	Shaft	9527
834-0000	Cam	834
834-0001	Cam	834
836-0001	Impeller	836-0001B
836-0008	Impeller	836-0008B
890-0000	Gasket	890
913-0000	Seal	SP2700-47
914-0000	Seal	SP2700-48
915-0000	Seal	SP2700-07
920-0001	Impeller	920-0001B OR
920-0001	Impeller	17937-0001B
920-0008	Impeller	920-0008B
934-0000	Cam	934
934-0010	Cam	934
1040-0000	Lip Seal	SP2701-52
1126-0000	Gasket	1126
1189-0000	Gasket	1189
1210-3001	Impeller	1210-0001B
2431-0000	Cam	2431
2551-0000	Cam	2551
2566-0020	Adaptor	2566
2567-0000	Shaft	21238
2574-0000	Wearplate	2574
2577-0000	Seal Assembly	21849
2765-0000	Wearplate	2765
2995-0030	Gasket	2995-0000
3101-0000	Gasket	3101
3166-0000	Spacer	3166
3180-0000	Slinger	3180
3181-0000	Slinger	3181
3222-0000	Seal	3222
3255-0000	Cam	3255
3298-0000	Gasket	3298
3791-0000	Packing Ring	3791
4156-0000	Wearplate	4156
4156-3000	Wearplate	4156
4271-0000	Cam/Wearplate	4271
4346-0000	Spline Seal	4346
5211-0000	Cam/Wearplate	5211
6408-0000	Seal Assembly	21849
6718-0000	Shaft	6718-21
6760-3008	Impeller	6760-0008B
6987-0000	Shaft	21239
6988-0000	Cam	6988
6988-3000	Cam	6988
7876-0000	Cam	7876
7883-0000	Wearplate	7883
7884-0000	Cam/Wearplate	7884

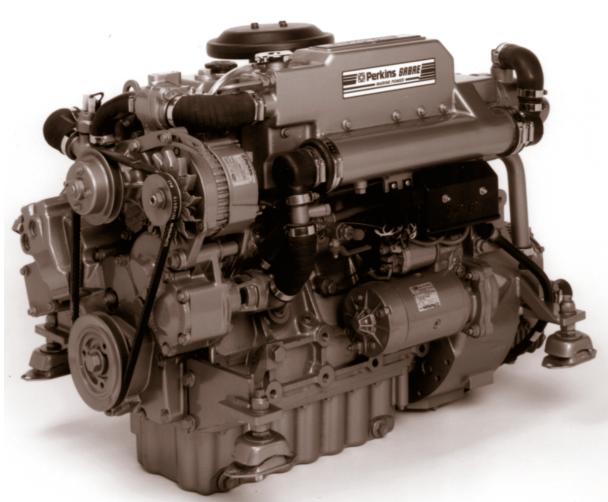
Jabsco USA Part No	Description	Jabsco UK art No.
10818-0000	Cam	10818
11816-0000	Gasket	3298
11830-0000	End Cover	3992
11831-0000	End Cover	3993
11835-0000	End Cover	AL6-200
12062-0000	End Cover	9336
12066-0000	End Cover	9566
17361-6000		17361-1000
17365-0000	Gasket	17365-1000
17370-0211	Impeller	17370-0001B
17370-3001	Impeller	17370-0001B
17372-3000	Wearplate	17372-1000
17372-6000	Wearplate	17372-1000
17374-3000	Cam Liner	17374-1000
17374-6001	Cam Liner	17374-1000
17378-3000	End Cover	17378-1000
17935-3001	Impeller	17935-0001B
17936-3001	Impeller	17936-0001B
18706-0000	Retaining Ring	SP1700-1180
18711-0000	Retaining Ring	SP1700-245
18712-0000	Retaining Ring	SP1700-246
18713-0000	Retaining Ring	SP1700-247
18724-0000	Retaining Ring	SP1701-185
18752-0000	Bearing	92600-0480
18753-0049	Seal	22617-0010
18753-0090	Cam	22318
18753-0139	Seal	SP6080-0371
18753-0325	Shaft Assembly	23807-0000
18784-3000	End Cover	18784-0000
18785-3000	Cam Liner Kit	18785-0000
18786-3001	Impeller	18786-0001
18787-3000	Wear Plate	18787-0000
19769-6000	Spline Seal	17969-0000
22308-0000	Cam	22308
22318-0000	Cam	22318
90065-0001	Service Kit	SK65-0001
90118-3001	Service Kit	SK118
90193-3000	Service Kit	SK193
91002-0010	Screw	SP1002-01
91002-0010	Screw	SP1002-01
91002-0020	Screw	SP1002-02
91002-0030	Screw	SP1002-03
91002-0090	Screw	SP1002-09
91003-0010	Screw	SP1003-01
91003-0010	Screw	SP1003-01
91003-0020	Screw	SP1003-02
91003-0070	Screw	SP1003-07
91003-0070	Screw	SP1003-07
91003-0090	Screw	SP1003-09
91003-0110	Screw	SP1003-11
91004-0010	Screw	SP1004-01
91004-0090	Screw	SP1004-09
91004-3090	Screw	SP1004-09
91005-0040	Screw	SP1005-04

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## USA to UK Jabsco Parts Table

#### Jabsco USA Jabsco UK Description Part No. Part No. SP1005-05 91005-0050 Screw SP1005-04 91005-6040 Screw 91006-0050 SP1006-05 Screw SP1085-10 91085-0100 Nut 91106-0040 Screw SP1106-04 91402-0050 Woodruff Key SP1402-05 91402-0220 Woodruff Key SP1402-22 91602-0090 Washer SP1602-09 SP1608-01 91608-0010 Washer SP1700-246 91700-2460 **Retaining Ring** 91700-2830 SP1700-283 **Retaining Ring** 92000-0120 SP2000-12 O-Ring 92000-3210 O-Ring SP2000-21 92600-0040 SP2600-04 Bearing 92600-0060 Bearing SP2600-06 92600-0070 Bearing SP2600-07 92600-0080 SP2600-08 **Bearing** 92600-0120 SP2600-12 Bearing 92600-0130 SP2600-13 Bearing 92600-0150 Bearing SP2600-15 SP2600-16 92600-0160 Bearing

Jabsco USA Part No	Description	Jabsco UK art No.
92600-0260	Bearing	SP2600-26
92600-0530	Bearing	SP2601-0468
92600-3060	Bearing	SP2600-06
92600-6320	Bearing	SP2600-32
92700-0042	Lip Seal	SP2700-42
92700-0050	Lip Seal	SP2700-05
92700-0060	Lip Seal	SP2700-06
92700-0080	Lip Seal	SP2700-08
92700-0110	Lip Seal	SP2700-11
92700-0150	Lip Seal	SP2700-15
92700-0180	Lip Seal	SP2701-21
92700-6060	Lip Seal	SP2700-06
92700-6070	Lip Seal	SP2700-07
92701-0040	Lip Seal	SP2701-04
92701-0180	Lip Seal	SP2701-54
93000-0100	Seal	SP3000-10
96080-0080	Seal Assembly	SP6080-08B
96080-0371	Seal Assembly	SP6080-0371
96080-6371	Seal Assembly	SP6080-0371
99019-0001	Service Kit	MSK19-0001
99065-0001	Service Kit	MSK65-00001



## Johnson Jabsco Parts Table

Johnson Part No.	Description	Jabsco Part No.
01-11206	Body	10634
01-31902	Body	9904
01-31927-2	Body	10554-200
01-42388	End Cover	9905
01-42389	Cam	10818
01-42390	Shaft	9907
01-42391	Gasket	10817
01-42397	Cam	490
01-42398	End Cover	3992
01-42399	Wearplate	7883
01-42399	Wearplate	7883
01-42401	Gasket	3298
01-42402	Retaining Ring	SP1700-62
01-42412	Gasket	1126
01-42414	End Cover	AL6-200
01-42415	Cam	29303-0000
01-42415	Cam	AL8-01
01-42422	End Cover	9336
01-42422-1	End Cover	9336
01-42423	Wearplate	2574
01-42424	Gasket	816
01-42425	Cam	2551
01-42427-15	Slinger	3181
01-42441	End Cover	3993
01-42442	Cam	3255
01-42443	Wearplate	4156
01-42445	Gasket	890
01-42584	Cam	2431
01-42679	Cam	934
01-42679	Wearplate	4156
01-42680	Cam	834
01-42755	Cam	2551
01-42910	Cam	29303-0000
01-42910	Cam	AL8
01-42926	End Cover	3992
01-43135	Cam	22039
01-43136	End Cover	9336
01-43137	Cam	6988
01-43138	Cam	22268
01-43239	End Cover	29305-0000
01-45014	Cam	10538
01-45014	Cam	10336
01-45025	Shaft	3277
01-45084	Cam	2441
01-45087	Wearplate	29306-0000
01-45282	End Cover	29475-0000
01-45288	Cam	2907-0001
09-43112	Port Kit	K1-200
09-45033	Vacuum Switch	4732-0000
10-13021-1	Pump	52200-2011
10-24074-1	Pump	52020-2001
10-24076-1	Pump	22740-0151
10-24090-1	Pump	11100-01-01
10-24091-1	Pump	10880-0101

Johnson Part No	Description	Jabsco art No.
10-24096-1	Pump	11100-01-01
10-24096-2	Pump	11100-0141
10-24096-3	Pump	11100-0151
10-24116-1	Pump	50080-2001
10-24116-2	Pump	50080-2101
10-24116-3	Pump	50080-2201
10-24116-4	Pump	50080-2301
10-24119	Pump	3270-1951
10-24119	Pump	3270-271
10-24119-2	Pump	3270-200
10-24119-3	Pump	3270-200
10-24119-4	Pump	3270-261
10-24119-6	Pump	3270-241
10-24119-7	Pump	3270-2401
10-24119-8	Pump	3270-2101
10-24126-1	Pump	23430-1051
10-24127	Pump	23460-1601
10-24127-1	Pump	23430-1001
10-24127-2	Pump	23430-1051
10-24127-3	Pump	23430-1051
10-24139	Pump	21140-2401
10-24139	Pump	21140-2601
10-24139-1	Pump	21140-2401
10-24139-2	Pump	21140-2441
10-24139-3	Pump	21140-2601
10-24139-4	Pump	21140-2641
10-24140	Pump	10950-2401
10-24140-1	Pump	10950-2401
10-24140-2	Pump	10950-2451
10-24140-3	Pump	10950-2601
10-24214-4	Pump	29440-1001
10-24215-1	Pump	10970
10-24218-1	Pump	23430-1441
10-24239-1	Pump	22040-0501
10-24244-1	Pump	23430-1201
10-24244-2	Pump	23430-1201
10-24290-1	Pump	29440-1101
10-31197-1	Pump	29470-2231C
10-32280-1	Pump	11260-1101
10-32412-1	Pump	29300-2101C
10-32588-1	Pump	NONE
10-35038-1	Pump	52010-2001
10-35058-1	Pump	11000-01
10-35064-1	Pump	29300-2101C
10-35088-1	Pump	29300-2201C
10-13022-1	Pump	50200-2011
10-13022-2	Pump	50200-2111
10-13022-3	Pump	50200-2201
10-13022-33	Pump	50200-2011
10-13022-34	Pump	50200-2111
10-13022-35	Pump	50200-2201
10-13022-36	Pump	50200-2301
10-13022-4	Pump	50200-2301
10-13024-1	Pump	52220-0011

## Johnson Jabsco Parts Table

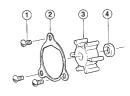
Johnson Part No.	Description	Jabsco Part No.
10-13025-1	Pump	50220-0011
10-13025-2	Pump	50220-0111
10-13025-3	Pump	50220-0211
10-13025-4	Pump	50220-0311
10-13026-1	Pump	52270-2011
10-13026-5	Pump	52270-2011
10-13027-13	Pump	50270-2011
10-13027-14	Pump	50270-2111
10-13027-15	Pump	50270-2211
10-13027-16	Pump	50270-2311
10-13064-1	Pump	23010-0501
10-13143-01	Pump	29870-2001
10-13143-02	Pump	29870-2101
10-13143-03	Pump	29870-2001
10-13143-04	Pump	29870-2101
10-22140-1	Pump	10950-2401
10-22354-1	Pump	21140-201
10-22354-2	Pump	21140-204
10-22355-1	Pump	21690
10-22355-1	Pump	21140-2401
10-22355-2	Pump	21690-05
10-22413	Pump	10950-201
10-22413-1	Pump	10950-201
10-22413-2	Pump	10950-205
10-24014	Pump	9700-151
10-24014-1	Pump	9700-21
10-24017-17	Pump	50080-2001
10-24017-18	Pump	50080-2101
10-24017-19	Pump	50080-2201
10-24017-20	Pump	50080-2301
10-24035-2	Pump	3270-200
10-24070-1	Pump	52080-2001
10-24070-1	Pump	52080-2001
10-24070-3	Pump	52080-2001
10-24071-1	Pump	50080-2001
10-24071-2	Pump	50080-2101
10-24071-3	Pump	50080-2201

Johnson Part No	Description	Jabsco art No.
10-24071-4	Pump	50080-2301
10-24073-1	Pump	52040-2001
10-24073-1	Pump	52040-2001
10-24073-2	Pump	21820-2051
10-35088-3	Pump	29300-2201C
10-35098-1	Pump	29470-2231C
10-35100-1	Pump	3270-2301
10-35118-1	Pump	29300-2101C
10-35122-1	Pump	29300-2001C
10-35127	Pump	29470-2031C
10-35127-1	Pump	29470-2031C
10-35157-3	Pump	29300-2101C
10-35161-1	Pump	29470-2131C
10-35167-2	Pump	29470-2351C
10-35167-3	Pump	29470-2301C
10-35187-1	Pump	29300-2401C
10-35240-1	Pump	29480-2031C
10-42864-1	Pump	21770
F35B-8	Pump	52010-2001
F4B-8	Pump	52020-2001
F5B-3000	Pump	10550-200
F5B-8	Pump	52040-2001
F5B-8	Pump	52040-2001
F7B-3000	Pump	9710-200
F7B-5000	Pump	50080 Srs
F7B-5001	Pump	50080 Srs
F7B-50017	Pump	50080 Srs
F7B-8	Pump	52080-2001
F8B-3000	Pump	52200-2011
F8B-5000	Pump	50220 Srs
F8B-5001	Pump	50220 Srs
F8B-50017	Pump	50200 Srs
F8B-8	Pump	52200-2011
F95B-3000	Pump	29860 Srs
F95B-5000	Pump	29870 Srs
F9B-3000	Pump	52270-2001
F9B-5600	Pump	50270 Srs



## DC Flexible Impeller Puppy Pumps

DC Flexible Impeller Puppy Pumps						
Pump Model No.	Service Kit No.	End Cover Screw - 1	Gasket/O Ring 2	Impeller 3	Seal 4	Origin
8860/8870-Series	SK374-0003	SP1002-09	7828	1414-0003	SP2701-52	UK
6360-0001	90062-0001	91004-0090	1985-0010	6303-0001	93000-0100	US
6360-1001	90062-0001	91004-0090	18753-0104 18753-0104	6303-0001 6303-0003	93000-0100 93000-0100	US
6360-1003 6370-0001	90062-0003 90062-0001	91004-0090 91004-0090	1985-0010	6303-0003	93000-0100	US
6370-1001	90062-0001	91004-0090	18753-0104	6303-0001	93000-0100	US
6380-0001	90062-0001	91004-0090	1985-0010	6303-0001	93000-0100	US
6380-1001	90062-0001	91004-0090	18753-0104	6303-0001	93000-0100	US
6360/6370-Series	SK224	SP1004-09	1985-01	6303-0003	SP2701-09	UK
8860-0001	90092-0007	91002-0090	7828-0000	14750-0001	93000-0100	US
8870-0001	90092-0007	91002-0090	7828-0000	14750-0001	93000-0100	US
8880-0001	90092-0007	91002-0090	7828-0000	14750-0001	93000-0100	US
11810-0121	90105-0001	91002-0020	3298-0000	5929-0001	92700-0420	US
11810-0241 11810-0321	90105-0001 90105-0001	91002-0020 91002-0020	3298-0000 3298-0000	5929-0001 5929-0001	92700-0420 92700-0420	US
11810-1101	90105-0001	91002-0020	3298-0000	5929-0001	92700-0420	US
12460-0011	90158-0051	N/A	92000-0750	14750-0001	1040-0000	US
12560-0001	90126-0001	N/A	12558-0000	6303-0001	1040-0000	US
12570-0001	90126-0001	N/A	12558-0000	6303-0001	1040-0000	US
12580-0001	90126-0001	N/A	12558-0000	6303-0001	1040-0000	US
16360-0003	90061-0003	91004-0090	1985-0010	6303-0003	93000-0100	US
16360-1003	90061-0003	91004-0090	18753-0104	6303-0003	93000-0100	US
16370-0003	90061-0003	91004-0090	1985-0010	6303-0003	93000-0100	US
16370-1003 16380-0003	90061-0003 90061-0003	91004-0090 91004-0090	18753-0104 1985-0010	6303-0003 6303-0003	93000-0100 93000-0100	US
16380-0003	90061-0003	91004-0090	18753-0104	6303-0003	93000-0100	US
17800-Series	90092-0004	91002-0090	7828-0000	14750-0003	93000-0100	US
17820-Series	90092-0004	91002-0090	7828-0000	14750-0003	93000-0100	US
17830-Series	N/A	91004-0090	18753-0660	9200-0023	18753-0384	US
18220-1123	90061-0006	18647-0000	18753-0660	6303-7123	18753-0384	US
18220-1127	90061-0006	18647-0000	18753-0660	6303-0007	18753-0384	US
18620-0003	90092-0004	91002-0090	7828-0000	14750-0003	93000-0100	US
18620-0023	90092-0004	91002-0090	7828-0000	14750-0003	93000-0100	US
18650-0121 18660-0121	90061-0030 90061-0061	91004-0090 91004-0090	18753-0660 18753-0660	9200-0021 6303-0001	18753-0384 18753-0384	US
18670-0123	90061-0061	91004-0090	18753-0660	6303-0003	18753-0384	US
18670-0923	90061-0061	91004-0090	18753-0660	6303-0003	18753-0384	US
18670-0943	90061-0061	91004-0090	18753-0660	6303-0003	18753-0384	US
21700-Series	SK105-37	SP1002-09	3298-01	5929-0003	SP2700-42	UK
22010-2253	SK305-01	SP1002-09	21646	9200-0023	SP2701-52	UK
22010-2353	SK305-01	SP1002-09	21646	9200-0023	SP2701-52	UK
22010-2653	SK400-0003	SP1004-09	23678-0000	9200-0023	SP2701-52	UK
22010-2753 22100-Series	SK400-0003 SK105-37	SP1004-09 SP1002-09	23678-0000 3298-01	9200-0023 5929-0003	SP2701-52 SP2700-42	UK
23610-2003	SK224-01	SP1002-09	1985-01	7273-0003	SP2700-42	UK
23610-2103	SK224-01	SP1004-09	1985-01	7273-0003	SP2701-52	UK
23610-3003	SK224-01	SP1004-09	X5251-049	7273-0003	SP2701-52	UK
23610-3012	SK224-01	SP1004-09	18753-0104	7273-0003	93000-0100	UK
23610-3024	SK224-01	SP1004-09	18753-0104	7273-0003	93000-0100	UK
23610-3103	SK224-01	SP1004-09	X5251-049	7273-0003	SP2701-52	UK
23620-3003	SK374-0003	SP1004-09	X5251-049	1414-0003	SP2701-52	UK
23620-3103	SK374-0003	SP1004-09	X5251-049	1414-0003	SP2701-52	UK
23620-4003 23620-4103	SK374-0003 SK374-0003	SP1004-09 SP1004-09	X5251-049 X5251-049	1414-0003 1414-0003	SP2701-52 SP2701-52	UK
23670-3003	SK400-23	SP1004-09	X5251-049	9200-0023	SP2701-52	UK
23670-3103	SK400-23	SP1004-09	X5251-049	9200-0023	SP2701-52	UK
23670-4003	SK400-23	SP1004-09	X5251-049	9200-0023	SP2701-52	UK
23670-4103	SK400-23	SP1004-09	X5251-049	9200-0023	SP2701-52	UK
23680-2003	SK224	SP1004-09	1985-01	6303-0003	SP2701-52	UK
23680-2103	SK224	SP1004-09	1985-01	6303-0003	SP2701-52	UK
23680-3003	SK224	SP1004-09	X5251-049	6303-0003	SP2701-52	UK
23680-3012	SK224	SP1004-09	18753-0104	6303-0003	93000-0100	UK
23680-3024	SK224	SP1004-09	18753-0104	6303-0003	93000-0100	UK
23680-3103 23680-4003	SK224 SK224	SP1004-09 SP1004-09	X5251-049 X5251-049	6303-0003 6303-0003	SP2701-52 SP2701-52	UK
23680-4103	SK224	SP1004-09	X5251-049	6303-0003	SP2701-52	UK
23920-2213	SK415 - 0113	X3001-147F	X4020-257A	7273-0003	SP8021-0301B	UK
23920-2313	SK415 - 0113	X3001-147F	X4020-257A	7273-0003	SP8021-0301B	UK
23920-2403	SK416 - 0003	X3001-147F	X4020-257A	6303-0003	SP2701-52	UK
23920-2503	SK416 - 0003	X3001-147F	X4020-257A	6303-0003	SP2701-52	UK
23920-9213	SK415 - 0003	X3001-147F	X4020-257A	7273-0003	SP8021-0301B	UK
23920-9313	N/A	X3001-147F	X4020-257A	7273-0003	SP8021-0301B	UK
23920-9403	N/A	X3001-147F	X4020-257A	6303-0003	SP2701-52	UK
23920-9503	N/A	X3001-147F	X4020-257A	6303-0003	SP2701-52	UK
29160-Series	SK400-0021	SP1004-09 ¥3001-147F	23678-0000 ¥4020-2574	9200-0021	SP2701-52 SP8021-0301R	UK
29190-Series	N/A	X3001-147F	X4020-257A	7273-0003	SP8021-0301B	UK

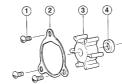


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Note: Service Kit SK224 Contains Gasket 1985-01 and O Ring X5251-049 use whichever is appropriate.

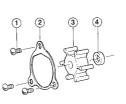
## AC Flexible Impeller Pumps, AC & DC Macerator & Centrufugal Pumps

AC Flexible Impeller Pumps						
Pump Model No.	Service Kit No.	End Cover Screw - 1	Gasket/O Ring 2	Impeller 3	Seal 4	Origin
6050-0001	90058-0003	91004-0090	890-0000	6056-0001	92700-0080	US
6050-0003	90058-0003	91004-0090	890-0000	6056-0003	92700-0080	US
6050-0253	90058-0003	91004-0090	890-0000	6056-0003	92700-0080	US
6050-0713	90058-0003	91004-0090	890-0000	6056-0003	92700-0080	US
11810-0001	90105-0001	91003-0010	3298-0000	5929-0001	92700-0420	US
11810-0003	90105-0001	91003-0010	3298-0000	5929-0003	92700-0420	US
12210-0001	90092-0007	91002-0010	7828-0000	1414-0001	93000-0100	US
12210-0003	90092-0004	91002-0010	7828-0000	1414-0003	93000-0100	US
12310-0001	90158-0011	91023-0050*	92000-0750	14792-0001	1040-0000	US
12310-0003	90158-0011	91023-0050*	92000-0750	14792-0003	1040-0000	US
12510-0001	90106-0001	91002-0090*	9156-0000	9200-0001	1040-0000	US
12510-0003	90106-0003	91004-0090*	9156-0000	9200-0003	1040-0000	US
12520-0001	90061-0002	91002-0010	1985-0011	7273-0001	93000-0100	US
12520-0003	90061-0023	91002-0010	1985-0011	7273-0003	93000-0101	US
12520-1001	90061-0002	91002-0010	18753-0104	7273-0001	93000-0102	U:
12520-1003	90061-0023	91002-0010	18753-0104	7273-0003	93000-0103	U:
17600-0001	N/A	N/A	17638-0000	17486-0001	1040-0000	US
18610-0001	90061-0032	91002-0090*	18753-0660	7273-0001	18753-0384	US
18610-0003	90061-0032	91004-0090*	18753-0660	7273-0003	18753-0384	US
53020-2011	SK416-0001	X4001-147F	X4020-257A	7273-0001	SP8021-0301B	Uŀ
53020-2013	SK416-0003	X4001-147F	X4020-257A	7273-0003	SP8021-0301B	Uk
53040-2003	SK409-0003	X4001-147F	X4020-259A	14281-0003	22626-0000	Uŀ
53040-2021	SK409-0021	X4001-147F	X4020-259A	8980-0001	22626-0000	Uŀ
53040-2103	SK409-0003	X4001-147F	X4020-259A	14281-0003	22626-0000	UI
53080-2001	SK411-0001	X3001-176F	X4020-269A	14282-0001	22626-0000	Uŀ
53080-2003	SK411-0003	X3001-176F	X4020-269A	14282-0003	22626-0000	UI

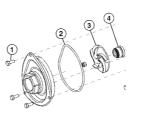


\*Not in Service Kit.

	AC and DC Macerator Pumps					
Pump	Service Kit No.	End Cover	Gasket/O Ring	Impeller	Seal	Origin
Model No.		Screw - 1	2	3	4	orije
18590- Series	18598-1000	N/A	18596-1000	6303-0003	1040-0000	US
18690-0000	18598-1000	N/A	18596-1000	6303-0003	1040-0000	US
18690-0010	18598-1000	N/A	18596-1000	6303-0003	1040-0000	US
21950- Series	SK368-0003	N/A	18596-0000	6303-0003	1040-0000	UK
22130- Series	N/A	N/A	18596-0000	7273-0003	SP2701-52	UK
23570- Series	N/A	N/A	18596-0000	7273-0003	SP2701-52	UK



	AC and DC Centrifugal Pumps						
Pump Model No.	End Cover Screw - 1	Gasket/O Ring 2	Impeller 3	Seal 4	Origin		
18510-0000	91003-0230	18516-0000	18515-0000	1040-0000	US		
18510-0001	91003 )230	18516-0000	18515-0000	1040-0000	US		
18510-0002	91003-0230	18516-0000	18515-0000	1040-0000	US		
18510-0010	91003-0230	18516-0000	18526-0000	96080-0552	US		
18510-0020	91003-0230	18516-0000	18526-0000	96080-0552	US		
18510-0021	91003-0231	18516-0000	18526-0000	96080-0552	US		
18510-2000	SP1003-0230	18516-0000	18515-0000	SP2701-52	UK		
18510-2100	SP1003-0230	18516-0000	18515-0000	SP2701-52	UK		
18510-9200	SP1003-0230	18516-0000	18526-0000	SP6080-0552	UK		
18510-9300	SP1003-0230	18516-0000	18526-0000	SP6080-0552	UK		
18580-0000	91003-0230	18516-0000	18515-0000	1040-0000	US		
50045-2100	SP1003-0230	18516-0000	18526-0000	SP6080-0552	UK		
50830-0012	91095-6325	X4020-384A	50831-0000	96080-6564	UK		
50830-0024	91095-6325	X4020-384A	50831-0000	96080-6564	UK		
50830-2012	91095-6325	X4020-384A	50831-0000	96080-6564	UK		
50830-2024	91095-6325	X4020-384A	50831-0000	96080-6564	UK		
50870-0012	91095-6325	X4020-369A	50871-0000	96080-6564	UK		
50870-0024	91095-6325	X4020-369A	50871-0000	96080-6564	UK		
50870-2012	91095-6325	X4020-369A	50871-0000	96080-6564	UK		
50870-2024	91095-6325	X4020-369A	50871-0000	96080-6564	UK		



		Sliding	Vane Pumps			
Pump Model No.	Service Kit No.	O Ring 1	Rotor 2	Vanes 3	Seal 4	
18680-0920	90200-0001	18753-0660	18753-0073	18753-0072	18753-0384	US
18680-0940	90200-0001	18753-0660	18753-0073	18753-0072	18753-0384	US
18680-1000	90200-0001	18753-0660	18753-0073	18753-0072	18753-0384	US
18685-0000	90200-0001	18753-0660	18753-0073	18753-0072	18753-0384	US
45710-0000	90200-0000	18753-0071	18753-0073	18753-0072	1040-0000	US
45710-0020	90200-0000	18753-0071	18753-0073	18753-0072	1040-0000	US
45710-1000	90200-0000	18753-0071	18753-0073	18753-0072	1040-0000	US
45710-1020	90200-0000	18753-0071	18753-0073	18753-0072	1040-0000	US
45710-2010	90200-0000	18753-0071	18753-0073	18753-0072	1040-0000	US
45740-0000	90200-0000	18753-0071	18753-0073	18753-0072	1040-0000	US
23530-Series	SK399-0101	X1990-131	45714-0000	45716-0000B	SP2701-52	UK
23540-Series	SK388-0000	X4020-264A	23542-0000	23183-0010	SP2701-0504	UK
23550-Series	SK397-0000	X4020-269A	23552-0000	23553-0010	SP6080-0408	UK
23590-Series	SK399-0201	X1990-131	23591-0000	45716-0000B	SP2701-52	UK
23870-Series	SK399-0101	X1990-131	45714-0000	45716-0000	SP2701-52	UK
45710-Series	90200-0000	18753-0071	45714-0000	18753-0072	1040-0000	US
50130/40-Series	SK414-0000	By-	-Pass Valve Service	Kit		UK
	SK413-0000	X4020-247A	45714-0000	45716-0000B	SP2701-52	UK
VR050-Series*	SK421-0000	X4020-264A	50242-0000	50243-0000	SP2701-0504	UK
VR100-Series*	SK422-0000	X4020-374A	50252-0000	50253-0000	SP2701-0504	UK

Sliding Vane Pumps



\*The Service Kits SK422-0000 and SK421-0000 contain just 4 Vanes, and O Ring. If the rotor is required it should be ordered separately.



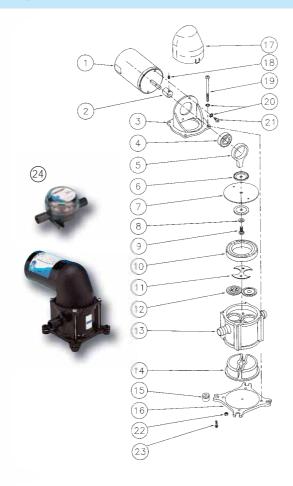
## Shower Drain Pump & Diaphragm Waste Pump

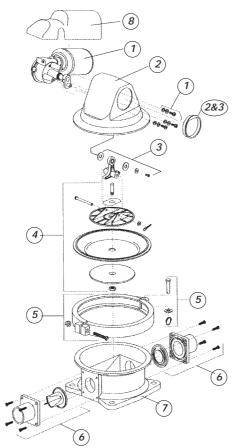
	37202-2 Series Shower Drain Pump				
Rep	Repair Kits Available				
Kit	Part No	Description			
Α	50095-1000	MAJOR SERVICE KIT			
В	50096-1012	MOTOR KIT 12V			
C	50096-1024	MOTOR KIT 24V			
D	50097-1000	CONNECTING ROD KIT			

Key	Per No			ı		per ir K	
		Pump		Α	В	С	D
1	MOTOR 12V	1			1		
1	MOTOR 24V	1				1	
2	ECCENTRIC DRIVE	1					1
3	BRACKET	1	50092-1000				
4	BEARING	1					1
5	CON ROD	1					1
6	DIAPHRAGM PLATE	1	35688-0000	1			
7	DIAPHRAGM	1	37174-0000	1			
8	SEALING WASHER	1		1			1
9	BOLT	1		1			1
10	DIAPHRAGM RING	1	35788-0000				
11	VALVE RETAINER	1	35816-0000	1			
12	VALVE SET	1	30005-0000	1			
13	BODY	1	50098-1000				
14	PULSATION DAMPENER	1	37179-0000	1			
15	GROMMET	4		1			
16	FOOT	1	50094-1000				
17	COVER	1	50093-1000				
18	GRUB SCREW	1					1
19	BOLT	4		1			1
20	LOCKWASHER	2			2	2	1
21	MOTOR SCREW	2			2	2	1
22	NUT	4					1
23	SCREW	1		1			
24	PUMPGARD™	1	46200-0000				

	50000 C ' W ( D						
	59090 Series Waste Pump (Discontinued)						
Key	Description	Qty	Part No				
1	MOTOR KIT WITH CRANK ARM 12V DC	1	18328-0012				
	24V DC	1	18328-0024				
2	UPPER HOUSING KIT	1	59093-1000				
3	CONNECTING ROD ASSY	1	59095-1000				
4	DIAPHRAGM PLATE KIT	1	29277-1000				
5	CLAMP RING KIT	1	29252-1000				
6	PORTS KIT	1	29275-1000				
7	BODY KIT	1	59091-1000				
8	SPLASH GUARD	1	59094-1000				
	SERVICE KIT	1	90220-0000				







## Waste Pump and Shower Drain/Bilge Pump JABSCO

5	0890 Waste Pum	ıp		50880 9	Shower Drain/Bilg	ge Pump
t Numbers				Part Numbers		
Model	Voltage	Fuse Sizes		Model	Voltage	Fuse Si
E0000 4000	4014	404	1	=0000 1000	4.01.4	100

Service Kit (Includes*)					
SK890	Service Kit - Waste Pump				

50890-1100

Key	Description	*Qty in Kit
1	Bracket	
2	Bush	
3	Clamp Bottom	
4	Clamp Top	
5	Con Rod	
6	Con Rod Plate	
7	Cover	1
8	Diaphragm	1
9	Hex Head Screw	
10	Hex Head Screw	4
11	Motor Assembly	
12	Screw Recessed Pan Head	1
13	Socket Head Screw	
14	Washer	1
15	Waste Pump Chamber	
16	Waste Pump Joker Valve	2
17	Waste Pump Port	2
18	Washer	

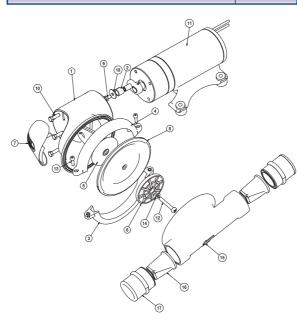
	Service Kit (Includes*)					
Service Kit - Shower Drain Pump						
	*Qty in Kit					
Clamp Top						
	1					
	1					
v						
v	4					
у						
l Pan Head	1					
& Bilge Pump Chamber						
	v v y I Pan Head & Bilge Pump Chamber					

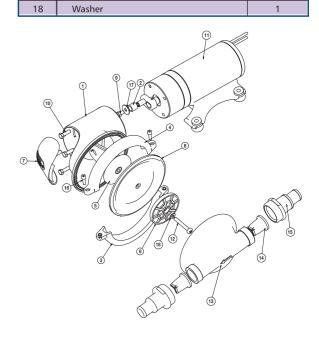
Voltage 12V 24V

50880-1100

Fuse Sizes 10A

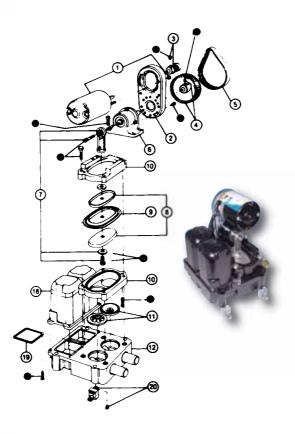
5A







JABSC0°



	2CC00 Sories /	sseen Bilara Dur			
Key	36600 Series (was	Part No	np	_	Qty
1	Motor Kit 12 Vdc	30200-0000			1
	24 Vdc	30200-0010			
2	Motor Mount	34628-0000			1
3	Small Pulley	37169-0000			1
4	Large Pulley (with key way)	37171-0001			1
5	Belt	30022-0000		*	1
6	Jack Shaft Assembly	35691-0001			1
7	Connecting Rod Assembly	37173-0001			1
8	Diaphragm Plate	35212-0000			2
9	Diaphragm	30016-0000		*	1
10	Retainer	35173-0000			1
11	Valve Set (Inlet and Outlet)	30003-0000	*	t	1 set
12	Base assembly (See†)	35630-1100		†	1
13	Ports (Inlet and Outlet)	37175-0000		†	1
14	Small Pulsation Dampner	37177-0000	*	†	1
15	Pulsation Dampener	37178-0000	*	†	1
16	Small Bottom Plate	35628-0000		†	1
17	Bottom Plate	35623-0000		†	1
20	Vibration Pad Kit	37180-0000	†		1 set
21	Hardware Kit	37165-0000			1 set
	Service Kit (See*)	30124-0000	*		

#### Symbols Key

\* Indicates parts contained in Service Kit.
† Indicates parts supplied with Base Assembly.
Indicates items contained in Hardware Kit (key 21).

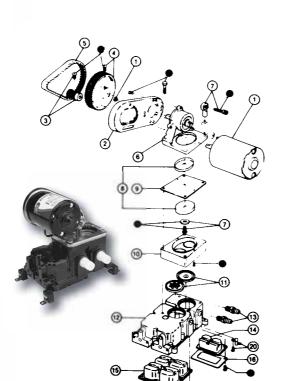
Note 1: For model 37201-0000 use replacement motor number 30202-0000 (12 volt only).

Note 2: For model 37201-0000 use 2 each 35983-0000 diaphragm

plates.

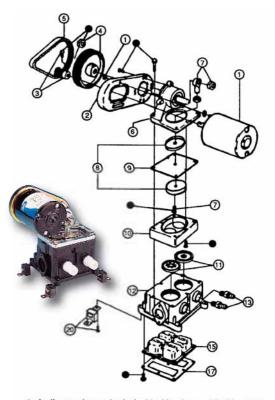
Note 3: Jack shaft assembly includes new style connecting rod
(37173-0001) with 5/16" diameter hole and two lock nuts.

Previous models pumps use a connecting rod (37173-0000) with a 1/4" diameter hole and bolt.



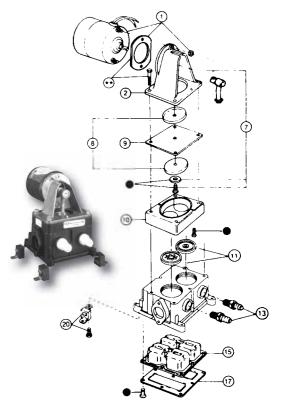
## Traditional PAR Pumps

Key	Description	Part No	Qty
1	Motor Kit 12 Vdc	30200-0000	1
	24 Vdc	30200-0010	
	32 Vdc	30200-0020	
2	Motor Mount	34628-0000	1
3	Small Pulley	37169-0000	1
4	Large Pulley (with key way)	37171-0001	1
5	Belt	30022-0000 *	1
6	Jack Shaft Assembly	35690-0002 - See Note 3	1
7	Connecting Rod Assembly	37173-0001	1
8	Diaphragm Plate	35212-0000	2
9	Diaphragm	30016-0000 *	1
10	Retainer	35173-0000	1
11	Valve Set (Inlet and Outlet)	30003-0000 * †	1 set
12	Base assembly (See†)	44114-1000 †	1
13	Ports (Inlet and Outlet)	37175-0000 †	1
15	Pulsation Dampener	44127-1000 †	1
17	Bottom Plate	35686-0000 †	1
20	Vibration Pad Kit	43990-0058 †	1 set
21	Hardware Kit	43990-0071	1 set
	Service Kit (See*)	43990-0062 *	



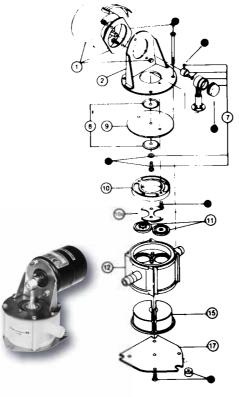
Indicates items included in Hardware Kit (Key 21).

36960 Series (was 6960J) Bilge Pump						
Key	Description	Part No		Qty	Series	
					1000	2000
1	Motor Kit 12 Vdc	30202-0000		1	Х	Х
	24 Vdc	30201-0010				
2	Motor Mount	35487-0000		1	Х	Х
7	Connecting Rod Assembly	30040-0000 *	•	1	Х	Х
8	Diaphragm Plate	35688-0000		2	Х	Х
9	Diaphragm	30015-0000 *		1	Х	Х
10	Retainer	35455-0000		1	Х	Х
11	Valve Set (Inlet and Outlet)	30003-0000 *	†	1 set	Х	Х
12	Base assembly (See†)	35620-0000	†	1	Х	
		44114-1000	†	1		Х
13	Ports (Inlet and Outlet)	37175-0000	†	1	Х	Х
15	Pulsation Dampener	37178-0000	†	1	Х	
		44127-1000	†	1		Х
17	Bottom Plate	35686-0000	†	1	Х	Х
20	Vibration Pad Kit	37180-0000	†	1 set	Х	
		44990-0058	†	1 set		Х
21	Hardware Kit	37166-0000		1 set	Х	
		43990-0060		1 set		Х
	Service Kit (See*)	30120-0000 *	r		Х	
		43990-0063 *	r			Х



## Traditional PAR Pumps

	37202 Series 1 (was 7202) Bilge Pump						
Key	Description	Part No	Qty				
1	Motor Kit 12 Vdc	30201-0000 - See Note 1	1				
	24 Vdc	30200-0040					
2	Motor Mount	35797-0000	1				
7	Connecting Rod Assembly	30040-0000 *	1				
8	Diaphragm Plate	35688-0000 - See Note 2	2				
9	Diaphragm	37174-0000 *	1				
10	Retainer	35788-0000	1				
10a	Retainer Plate	35816-0000	1				
11	Valve Set (Inlet and Outlet)	30005-0000 *	1 set				
12	Base assembly (See†)	35795-0000 †	1				
15	Pulsation Dampener	37179-0000 *	1				
17	Bottom Plate	35798-0000 *	1				
21	Hardware Kit	37168-0000	1 set				
	Service Kit (See*)	37182-0000 *					



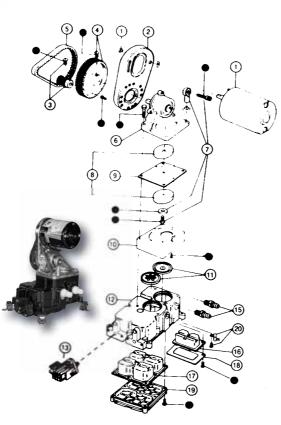
	3600 Series (was 6	5900J) Water Pump	
Key	Description	Part No	Qty
1	Motor Kit 12 Vdc	30200-0000	1
	24 Vdc	30200-0010	
2	Motor Mount	34628-0000	1
3	Small Pulley	37169-0000	1
4	Large Pulley (with key way)	37170-0001	1
5	Belt	30021-0000 *	1
6	Jack Shaft Assembly	35690-0001	1
7	Connecting Rod Assembly	37173-0001	1
8	Diaphragm Plate	35212-0000	2
9	Diaphragm	30016-0000 *	1
10	Retainer	35173-0000	1
11	Valve Set (Inlet and Outlet)	30004-0000 * †	1 set
12	Base assembly (See†)	35625-1100 †	1
13	Pressure Switch	37121-0010	1
		37121-0000 - See Note 2	1
15	Ports (Inlet & Outlet) Barb**	37176-0000 †	1 set
16	Small Pulsation Dampener	37177-0000 * †	1
17	Pulsation Dampner	37178-0000 * †	1
18	Small Bottom Plate	35628-0000 †	1
19	Bottom Plate	35623-0000 †	1
20	Vibration Pad Kit	37180-0000 †	1 set
21	Hardware Kit	37165-0000	1 set
	Service Kit (See*)	30121-0000 *	

#### Symbols Key

- \* Indicates parts contained in Service Kit.
  † Indicates parts supplied with Base Assembly.
   Indicates items contained in Hardware Kit (key 21).

  \*\* 11." Threaded Outlet Port 37050-0000.
  11." Flare Outlet Port 37050-0000.
  11." Flare Outlet Port 37050-0002.
  11." Flare Inlet Port 37050-0000.
  (12 volt only).

  Note 2: Includes Switch and Conversion Kit to mount new type switch onto older style-J and -0000 pumps.

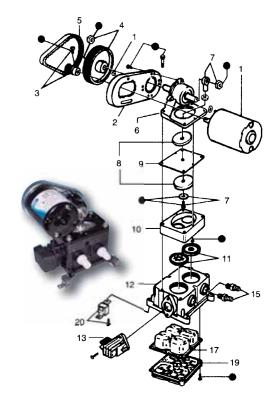


## Traditional PAR Pumps

Key	Description	Part No	Qty
1	Motor Kit 12 Vdc	30200-0000	1
	24 Vdc	30200-0010	
2	Motor Mount	34628-0000	1
3	Small Pulley	37169-0000	1
4	Large Pulley (with key way)	37170-0001	1
5	Belt	30021-0000 *	1
6	Jack Shaft Assembly	35506-0001	1
7	Connecting Rod Assembly	37173-0001	1
8	Diaphragm Plate	35503-0000	2
9	Diaphragm	30015-0000 *	1
10	Retainer	35497-0000	1
11	Valve Set (Inlet and Outlet)	30004-0000 * †	1 se
12	Base assembly (See†)	35625-1100 †	1
		35625-1200 - for 36850 Series	
13	Pressure Switch	37121-0010	1
		37121-0000 - See Note 2	1
15	Ports (Inlet & Outlet) Barb**	37176-0000 †	1 se
16	Small Pulsation Dampener	37177-0000 * †	1
17	Pulsation Dampner	37178-0000 * †	1
18	Small Bottom Plate	35628-0000 †	1
19	Bottom Plate	35623-0000	
20	Vibration Pad Kit	37180-0000	
21	Hardware Kit	37165-0001	1 se
	Service Kit (See*)	30122-0000 *	

(3)	

36950 Series (was 6950J) Water Pump									
Key	Description	Part No	Qty	Series					
				1000	2000				
1	Motor Kit 12 Vdc	30200-0000	1	Х	Х				
	24 Vdc	30200-0010							
2	Motor Mount	34628-0000	1	X	Х				
3	Small Pulley	37169-0000	1	X	Х				
4	Large Pulley (with key way)	37171-0001	1	X	Х				
5	Belt	30022-0000 *	1	Х	Х				
6	Jack Shaft Assembly	35689-0001	1	Х	Х				
7	Connecting Rod Assembly	37173-0001	1	Х	Х				
8	Diaphragm Plate	35503-0000	2	Х	Х				
9	Diaphragm	30015-0000 *	1	Х	Х				
10	Retainer	35497-0000	1	Х	Х				
11	Valve Set (Inlet and Outlet)	30004-0000 * †	1 set	X	Х				
12	Base assembly (See†)	44114-1000 †	1	Х					
		44114-1100 †	1		Х				
		35620-1200							
		- for 36955 Series							
13	Pressure Switch	37121-0010	1	Х	Х				
		37121-0000							
		- See Note 2							
15	Ports (Inlet & Outlet) Barb**	37176-0000 †	1 set	X	Х				
17	Pulsation Dampner	37178-0000 * †	1	Х					
		44127-1000 * †	1		Х				
19	Bottom Plate	35686-0000 †	1	Х	Х				
20	Vibration Pad Kit	37180-0000 †	1 set	Х					
		43990-0058 †	1 set		Х				
21	Hardware Kit	43990-0071 †	1 set	Х					
		43990-0059 †	1 set		Х				
	Service Kit (See*)	30126-0000 *		Х					
		43990-0061 *			Х				



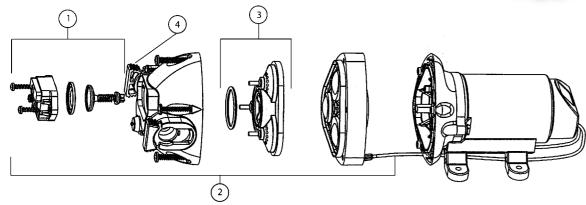
## PAR-Max 4.0 GPM Washdown Pump

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# ervice Parts

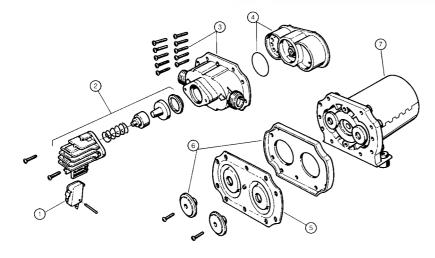
	PAR-Max 1.9 and 2.9 Water Systems Pump								
Key	Description	PSI	Qty	31395 - xxxx Series	31295 - xxxx Series	31331 - xxxx Series			
1	Pressure Switch	25	1	18916-1025	18916-1025	N/A			
		40	1	18916-1040		N/A			
		50	1	18916-1050		N/A			
2	Pumphead Assembly	25	1	18914-1025	18914-0025	18914-1000			
		40	1	18914-1040					
		50	1	18914-1050					
3	Check Valve Assembly		1	18911-1030	18911-1030	18911-1030			
4	Slide Clips (pair)		1	30647-1000	30647-1000	30647-1000			





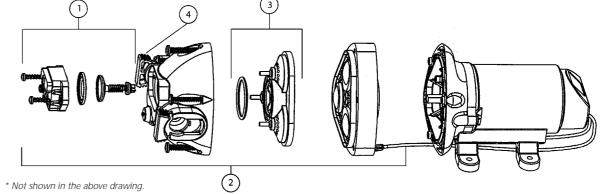
44010 and 44020 Series PAR-Mate Pump (Disc. Models)								
Key	Description	Qty	Part No					
1	Micro Switch	1	18753-0141					
2	High Pressure Switch	1	37121-0010*					
	Low Pressure Switch	1	44814-1000*					
3	Body Kit 44010	1	No longer available					
	Body Kit 44020	1	No longer available					
4	Valve Kit	1	No longer available					
5	Diaphragm Kit	1	44017-2000					
6	Plate/Piston Kit	1	No longer available					
7	Motor Kit 12 Vdc	1	No longer available					
	Motor Kit 24 Vdc	1						





	PAK-IVIAX 4.0 GPIVI Washdo	wn	Pump
Key	Description	Qty	Part No
1	Pressure Switch	1	18916-1060
2	Pump head	1	18914-1060
3	Valve Kit	1	18911-1030
4	Slide Clips	2	30647-1000
5	Motor Kit 12 V	1	18919-0187
	Motor Kit 24 V	1	18919-1080
7	Pumpgard™ Strainer*	1	46400-9500
	Spray Nozzle US*	1	30703-1000
	Spray Nozzle EC Adapter*	1	30704-1000
8	Hose Coil, 25 <sup>1</sup> *	1	31910-3015
	(1)		3



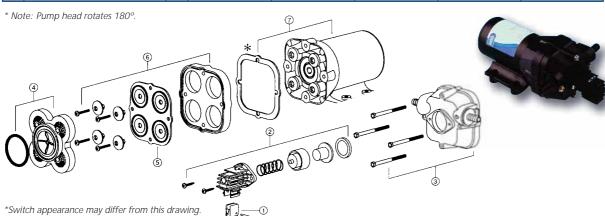


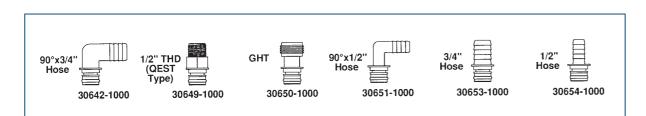


## Old 30XXX Series PAR-Max Pumps

	Water System Pumps								
Key	Description	Qty	30600 Series	30620 Series	30710 Series	30720 Series			
1	Micro Switch	1	18753-0141	18753-0141	18753-0141	18753-0141			
2	Pressure Switch	1	37121-0010	37121-0010	37121-0010	N/A			
	Low Pressure Switch	1	44814-1000	44814-1000	N/A	N/A			
3	Body Kit	1	30608-1000	30608-1000	30608-1000	30608-1000			
4	Valve Kit	1	30613-1001	30613-1001	30613-1001	30613-1001			
5	Diaphragm Kit	1	30617-1000	30617-1000	30617-1000	30617-1000			
6	Plate/Piston Kit	1	30682-1000	30682-1000	30682-1000	30682-1000			
7	Motor Kit 12Vdc EMC	1	18753-0575	18753-0577	18753-0572	18753-0577			
	Motor Kit 12Vdc	1	18753-0444	18753-0463	N/A	18753-0463			
	Motor Kit 24Vdc EMC	1	18753-0576	18753-0578	18753-0573	18753-0578			
	Motor Kit 24Vdc	1	18753-0451	18753-0464	N/A	18753-0464			
	¹/₂" Barb	2	30654-1000	30654-1000	N/A	N/A			
bis	1/2" Threaded (QEST)	2	30649-1000	30649-1000	N/A	N/A			
Standard Ports Kits	³/₄" Barb	2			30653-1000	30653-1000			
Sta	Pumpgard™ Strainer	1	46400-0002	46400-0002	46400-0002	46400-0002			
	Spray Nozzle	1	N/A	N/A	30703-1000	N/A			

	Bilge/Washdown Pumps									
Key	Description	Qty	30621 Series	30631*	30700-00X2 & 30700-00X4	30700-03X2 & 30700-03X4	30705			
1	Micro Switch	1	18753-0141	N/A	18753-0141	18753-0141	N/A			
2	Pressure Switch	1	37121-0010	N/A	44050-1000	44050-1000	N/A			
	Low Pressure Switch	1	44814-1000	N/A	N/A	N/A	N/A			
3	Body Kit	1	30608-1000	30608-1001	30608-1000	30608-1000	30608-1001			
4	Valve Kit	1	30613-1001	30613-1001	30613-1001	30613-1001	30613-1001			
5	Diaphragm Kit	1	30617-1000	30617-1000	30617-1000	30617-1000	30617-1000			
6	Plate/Piston Kit	1	30682-1000	30682-1000	30682-1000	30682-1000	30682-1000			
7	Motor Kit 12Vdc EMC	1	18753-0577	18753-0579	18753-0579	18753-0579	18753-0579			
	Motor Kit 12Vdc	1	18753-0463	18753-0489	18753-0489	18753-0489	18753-0489			
	Motor Kit 24Vdc EMC	1	18753-0578	18753-0595	18753-0595	18753-0595	18753-0595			
	Motor Kit 24Vdc	1	18753-0464	18753-0490	18753-0490	18753-0490	18753-0490			
	1/2" Barb	2	30654-1000	N/A		30654-1000	N/A			
	1/2" Threaded (QEST)	2	30649-1000	N/A		N/A	N/A			
	3/4" Barb	2	30653-1000	30653-1000	30653-1000		30653-1000			
	Pumpgard™ Strainer	1	36400-0000	46200-0000	46400-0000	46400-0002	46200-0000			
	Spray Nozzle	1		N/A	30703-1000	30704-1000	N/A			





## New 31XXX Series PAR-Max Pumps

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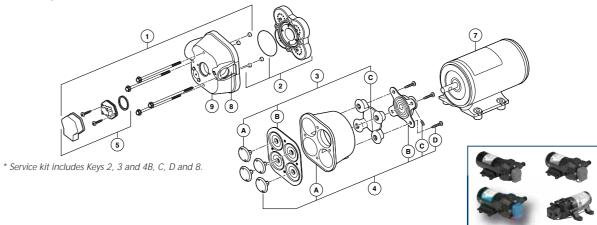
P#	AK-IVIAX 1 A	Automatic	water Sys	tem	Pump
Pump Service Parts List					Straine
Description	Part No	42630-2900	42631-2900		Pump S
Pump head Repair Kit	42632-0000	Х	Х		42630-
Motor/Housing Kit	42633-0000	X	X		42631-
Pressure Switch Assy.	42634-0000	X			

 m ramp a manaa bemana ramp								
Strainers								
Pump Series	Strainer No	Inlet	Outlet	Screen				
42630-2900	36400-0003	³/s" Barb	³/8" Barb	40 Mesh				
42631-2900	36400-0003	³/8" Barb	³/8" Barb	40 Mesh				

	PAR-Max 2+, PAR-Max 3 & PAR-Max 4 Water System Pump									
Key	Description	Qty	31595 Series	31600 Series	31620 Series	31630 Series				
1	Upper Housing XXXXX-0092	1	18910-4040	18910-4040	18910-4040	18910-4040				
	Upper Housing XXXXX-0094	1	18910-4040	18910-4040	18910-4040	18910-4040				
	Upper Housing XXXXX-0292	1	18910-4025	18910-4025	18910-4025	18910-4025				
	Upper Housing XXXXX-0294	1	18910-4025	18910-4025	18910-4025	18910-4025				
2	Valve Kit	1	18911-7030	18911-7030	18911-7030	18911-7030				
3	Diaphragm Kit	1	18912-3040	18912-3040	18912-3040	18912-3040				
4	Lower Housing Kit	1	18915-9000	18915-9002	18915-9002	18915-9002				
5	Pressure Switch XXXXX-0092	1	37121-0010	37121-0010	37121-0010	37121-0010				
	Pressure Switch XXXXX-0094	1	37121-0010	37121-0010	37121-0010	37121-0010				
	Pressure Switch XXXXX-0292	1	44814-1000	44814-1000	44814-1000	44814-1000				
	Pressure Switch XXXXX-0294	1	44814-1000	44814-1000	44814-1000	44814-1000				
6*	Service Kit	1	18920-9042	18920-9043	18920-9043	18920-9043				
7	Motor Kit – 12V EMC COMP	1	18919-0134	18919-0131	18919-0132	18919-0133				
	Motor Kit – 24V EMC COMP	1	18919-1055	18919-1052	18919-1053	N/A				
8	Slide Clips	1	30648-1000	30648-1000	30648-1000	30648-1000				
9	Pumphead Assy. XXXXX-0092	1	18914-6240	18914-6340	18914-6340	18914-6340				
	Pumphead Assy. XXXXX-0094	1	18914-6240	18914-6340	18914-6340	18914-6340				
	Pumphead Assy. XXXXX-0292	1	18914-6225	18914-6325	18914-6325	18914-6325				
	Pumphead Assy. XXXXX-0294	1	18914-6225	18914-6325	18914-6325	18914-6325				
	Pumpgard Strainer with Support	1	-	-	_	36400-9000				

	PAR-Max 3 & PAR-Max 4 Washdown/Baitewell & Shower Drain/General Purpose								
Key	Description	Qty	31605 Series	31610 Series	31631 Series	31705 Series	31700 Series		
1	Upper Housing	1	18910-4050	18910-4000	18910-4000	18910-4000	18910-4050		
2	Valve Kit	1	18911-7030	18911-7010	18911-7010	18911-7010	18911-7030		
3	Diaphragm Kit	1	18912-3040	18912-3050	18912-3050	18912-3050	18912-3040		
4	Lower Housing Kit	1	18915-9002	18915-9005	18915-9005	18915-9005	18915-9002		
5	Pressure Switch	1	44050-1000	N/A	N/A	N/A	44050-1000		
6*	Service Kit	1	18920-9043	18920-9053	18920-9053	18920-9053	18920-9043		
7	Motor Kit – 12V EMC COMP	1	18919-0139	18919-0139	18919-0140	18919-0140	18919-0140		
	Motor Kit – 24V EMC COMP	1	18919-1061	18919-1061	18919-1062	18919-1062	18919-1062		
8	Slide Clips	1	30648-1000	30648-1000	30648-1000	30648-1000	30648-1000		
9	Pumphead Assy.	1	18914-6350	18914-6300	18914-6300†	18914-6300	18914-6350		
	Pumpgard™ Strainer US	1	46400-0000	46400-0000	46400-0000	46400-0000	46400-0000		
	Pumpgard™ Strainer EC	1	46400-0002	46400-0002	46400-0002	46400-0002	46400-0002		
	Spray Nozzle US	1	30703-1000	_	_	_	30703-1000		
	Spray Nozzle EC	1	30704-1000	_	-	_	30704-1000		

† Note: Pump head rotates 180°.

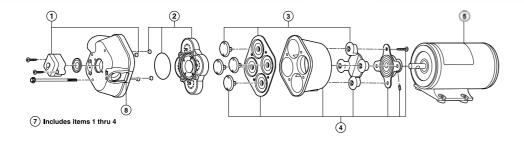


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## Sensor Max VSD & Dual Max VSD

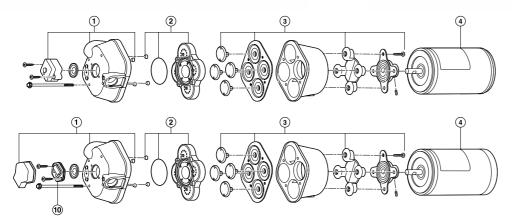
	Sensor Max™ VSD							
Key	Description	31750	31755					
0	Service Kit*	18920-9043	18920-9043					
1	Upper Housing with Sensor Housing	18910-4027	18910-4028					
2	Check Valve Assembly	18911-7030	18911-7030					
3	Diaphragm Assembly (includes screws)	18912-3040	18912-3040					
4	Lower Housing Assembly	18915-9002	18915-9002					
5	Motors with Sensor	18919-0128	18919-0127					
7	Pump Head Assembly	18914-6037	18914-6038					
9	Pumpgard™	46400-9500	46400-9500					





Dual Max VSD						
Description	Upper Pump	Lower Pump				
31765-0092 12 VDC						
Upper housing	18910-4028	18910-4040				
Valve Assembly	18911-7030	18911-7030				
Lower Housing	18915-9002	18915-9002				
Diaphragm Assembly	18912-3040	18912-3040				
Motor	18919-0127	18919-0132				
Pressure Switch	N/A	37121-0010				
Service Kit	18920-9043	18920-9073				
31765-0094 24 VDC						
Upper housing	18910-4028	18910-4025				
Valve Assembly	18911-7030	18911-7030				
Lower Housing	18915-9002	18915-9002				
Diaphragm Assembly	18912-3040	18912-3040				
Motor	18919-0127	18919-1053				
Pressure Switch	N/A	37121-0010				
Service Kit	18920-9043	18920-9043				
	Description 31765-0092 12 VDC Upper housing Valve Assembly Lower Housing Diaphragm Assembly Motor Pressure Switch Service Kit  31765-0094 24 VDC Upper housing Valve Assembly Lower Housing Diaphragm Assembly Motor Pressure Switch	Description         Upper Pump           31765-0092 12 VDC         18910-4028           Upper housing         18911-7030           Lower Housing         18915-9002           Diaphragm Assembly         18912-3040           Motor         18919-0127           Pressure Switch         N/A           Service Kit         18920-9043           31765-0094 24 VDC         Upper housing           Upper housing         18910-4028           Valve Assembly         18911-7030           Lower Housing         18915-9002           Diaphragm Assembly         18912-3040           Motor         18919-0127           Pressure Switch         N/A				





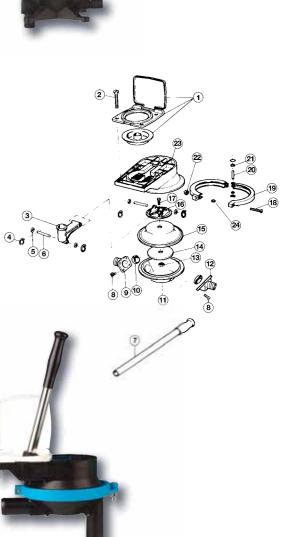
## Amazon Manual Diaphragm Pumps

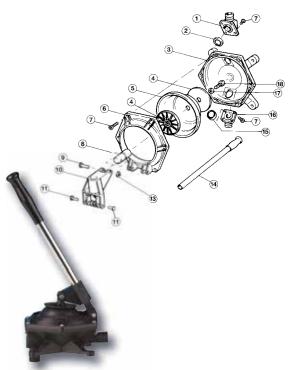


Key	Description	Qty Per	Part No		ty po pair	
		Pump		Α	В	С
1	OUTLET PORT	1			1	
2	OUTLET VALVE	1		1	1	
3	BODY	1	29242-1000			
4	DIAPHRAGM PLATE	2				2
5	DIAPHRAGM	1		1		
6	CLAMP RING	1				1
7	SCREW	14		2	2	3
8	CON ROD	1				1
9	CLEVIS PIN (LONG)	1				1
10	ROCKER	1				1
11	CLEVIS PIN (SHORT)	1				1
13	WASHER	1				1
14	HANDLE	1	29267-1000			
15	INLET VALVE	1		1	1	
16	INLET PORT	1			1	
17	WASHER	1		1		1
18	BOLT	1				1

29250 Series Thrudeck						
R	Repair Kits Available					
Kit	Part No	Description				
Α	29256-1000	MAJOR SERVICE KIT				
В	29241-1000	PORTS KIT 1"				
	29241-1010	PORTS KIT 11/2"				
С	29252-1000	CLAMP RING ASSEMBLY				
D	29254-1000	ROCKER ASSEMBLY				

Key	Description	Qty Per	Part No	Qty per Repair Kit			
		Pump		Α	В	С	D
1	THROUGH DECK KIT	1	29279-0000				
2	SCREW	4					
3	ROCKER	1					1
4	RING CLIP	6				2	4
5	WASHER	4					4
6	CLEVIS PIN (LONG)	2					2
7	HANDLE	1	29267-1000				
8	SCREW	8		2	2		
9	OUTLET PORT	1			1		
10	FLAP VALVE	2		2	2		
11	LOWER BODY	1					
12	INLET PORT	1			1		
13	NYLOC NUT	1		1			1
14	DIAPHRAGM PLATE (LOWER)	1					1
15	DIAPHRAGM	1		1			
16	DIAPHRAGM PLATE (UPPER)	1					1
17	BOLT	1					1
18	SCREW	1		1		1	
19	DIAPHRAGM CLAMP RING	2				2	
20	CLEVIS PIN (SHORT)	1				1	
21	WASHER	2				2	
22	NUT	1				1	
23	UPPER BODY	1					
24	O-RING	1		1		1	





## Amazon Manual Diaphragm Pumps

	29270-0000 Universal				
R	Repair Kits Available				
Kit	Part No	Description			
Α	29276-1000	MAJOR SERVICE KIT			
В	29275-1000	PORTS KIT			
С	29272-1000	CLAMP RING & ROCKER KIT			

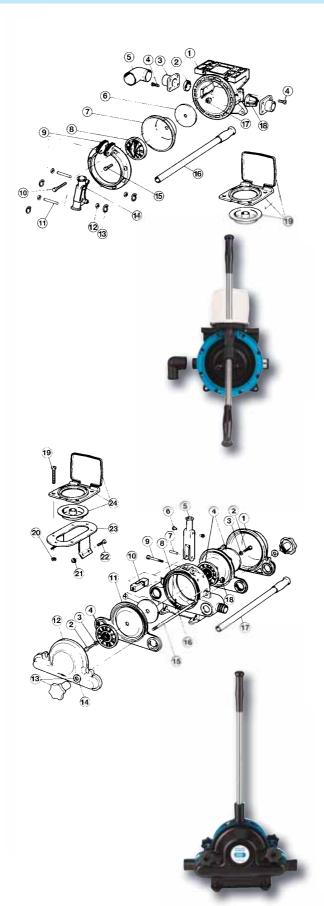
	C   23272 1000   CD WIN KING & NO CKEN KIN						
Key	Description	Qty Per	Part No	Qty per Repair K			
		Pump		Α	В	С	
1	BODY	1	29271-1000				
2	INLET VALVE	1		1	1		
3	PORT	2			2		
4	SCREW	8		3	2		
5	PUSH FIT ELBOW	1	29266-1000				
6	DIAPHRAGM PLATE (INNER)	1				1	
7	DIAPHRAGM	1		1			
8	DIAPHRAGM PLATE (OUTER)	1				1	
9	CLAMP RING	1				1	
10	SCREW	8		3		3	
11	PIVOT PIN	2				1	
12	WASHER	4		1		2	
13	RING CLIP	4		1		2	
14	ROCKER	1				1	
15	BOLT	1				1	
16	HANDLE	1	29267-1000				
17	NYLOC NUT	1		1		1	
18	OUTLET VALVE	1		1	1		

Optional Extras Available				
Key	Part No	Description		
19	29279-0000	THROUGH DECK KIT		

	29280-0000 Warrior					
R	Repair Kits Available					
Kit	Part No	Description				
Α	29286-1000	MAJOR SERVICE KIT				
В	29283-1000	BODY KIT				
С	29284-1000	ROCKER KIT				

С	29284-1000 ROCK	ER KIT				
Key	Description	Qty Per	Part No		ty po pair	
		Pump		Α	В	C
1	LEFT HAND COVER PLATE	1	29281-1000			
2	BOLT (DIAPHRAGM PLATE)	2				2
3	WASHER	2		1		2
4	DIAPHRAGM PLATE	4				4
5	ROCKER ARM	1				1
6	BUSH					2
7	PIVOT PIN	1				1
8	BODY	1			1	
9	BOLT (ROCKER ASSEMBLY)	1				1
10	CONROD	1				1
11	DIAPHRAGM	2		2		
12	RIGHT HAND COVER PLATE	1	29282-1000			
13	KNOB & WASHER ASSY	4	29288-1000			
14	WASHER (STUD)	4		2		
15	LONG STUD	2			2	
16	ROLL PIN	2			2	
17	HANDLE	1	29287-1000			
18	NUT (ROCKER ASSEMBLY)	1				1

Optional Extras Available						
Key	Description	Qty Per Pump	Part no			
19	SCREW	6	1			
20	NUT	6				
21	NUT	4	29289-0000			
22	BOLT	4				
23	UNDERDECK BRACKET	1	1			
24	THROUGH DECK KIT	1	29279-0000			

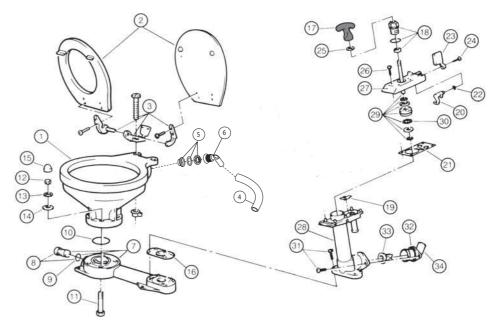


## PAR Manual Toilets up to 1997

		2909	90 & 29120 !	Seri	es	PA	R I	Μa	
Key	Description	Qty	Part	Π	Qt	ty p	er		
		Per	No		Rep	oair	Kit		
		Toilet		Α	В	С	D	Е	
1	BOWL COMPACT TOILET	1	29096-0000						
	BOWL REGULAR TOILET	1	29126-0000						
2	SEAT, LID & HINGE SET	1							
	COMPACT TOILET		29097-1000						
	REGULAR TOILET		29127-1000						
3	HINGE SET (1 PAIR)	1							
	COMPACT TOILET		29098-1000						
	REGULAR TOILET		29098-2000	-					
4	HOSE COMPACT TOILET	1	29035-1000	_					
	HOSE REGULAR TOILET	1	29035-1001						
5	INTAKE SEAL +	1	58107-1000						
6	INTAKE ELBOW								
7	BASE, PLUG + O-RING ASSY	1	29041-1000	_					
8	PLUG + O-RING ASSY	1	29028-1000						
9	O-RING (PLUG)	1							
10	O-RING (BOWL)	1						1	
11	BOLT	4		_				4	
12	NUT	4						4	
13	WASHER (S.S)	4						4	
14	WASHER (NYLON)	4						4	
15	CAP	4		2				4	
16	BASE VALVE GASKET	1	29043-0000	1	1		1		
17	HANDLE	1			1	1			
18	SEAL ASSEMBLY	1	29044-0000	1	1	1			
19	TOP VALVE SEAT	1		1	1	1	1		
20	CAM			١.	1	1			
21	TOP VALVE GASKET	1	29042-0000	1	1				
22	O-RING (FLUSH LEVER)	1		1	1	1			
23	FLUSH CONTROL LEVER	1			1	1			
24	SCREW (FLUSH LEVER)	1		1	1	1			
25	BUFFER	-			1	1			
26	SCREW (VALVE COVER)	6		1	6	6	1		
27	VALVE COVER	1			1	1	4		
28	PUMP CYLINDER	1	20046 2000		1		1		
29	PISTON, ROD & O-RING ASSY	1	29046-3000		1				
30	O-RING (PISTON)	1		1	1				
31	SCREW (PUMP CYLINDER)	6	20004 4005	1	3		3		
32	DISCHARGE FLANGE	1	29091-1000	1	1		1		
33	JOKER VALVE	1	29092-1000	1	1		1		
34	DISCHARGE ELBOW	1	29029-1000		1		1		

Мa	Manual Toilets (up to 1997)										
		Repair Kits Available									
		Kit	Part No	Description							
Е		Α	29045-0000	MAJOR SERVICE KIT							
		В	29040-3000	PUMP ASSEMBLY							
		C	29094-3000	VALVE COVER ASSEMBLY							
		D	29051-2000	PUMP CYLINDER ASSEMBLY							
		Е	29047-0000	BASE TO BOWL MOUNTING KIT							
				•							





## Jabsco Manual Toilets 2008 Onwards

## JABSCO\*

	2:	9090-	2 & 29120-2	Se	rie	s J	ab:	scc	Manu	ıa	l Toilets(199	98-2007)
Key	Description	Qty	Part		Q.	ty p	er		F	Re	pair Kits Availab	le
		Per	No		Rep	pair	Kit		Kit	Τ	Part No	
		Toilet		A	В	С	D	Е	А		29045-2000	MAJOR S
1	BOWL COMPACT TOILET	1	29096-0000						В	t	29040-3000	PUMP AS
	BOWL REGULAR TOILET	1	29126-0000						С	T	29094-2000	VALVE CO
2	SEAT, LID & HINGE SET	1							D	t	29051-2000	PUMP CY
	COMPACT TOILET		29097-1000						Е	T	29047-0000	BASE TO
	REGULAR TOILET		29127-1000	╙								
3	HINGE SET (1 PAIR)	1										
	COMPACT TOILET		29098-1000									
4	REGULAR TOILET	1	29098-2000									
4	HOSE COMPACT TOILET	1	29035-1000									
5	HOSE REGULAR TOILET INTAKE SEAL +	1	29035-1001									
_		1	58107-1000						1	7		
6	INTAKE ELBOW	1	20041 1000							-		_
7	BASE, PLUG + O-RING ASSY	1	29041-1000	$\vdash$								-
8	PLUG + O-RING ASSY (UP TO 2002 - SCREW)	1	29028-1000									
	(FROM 2003 - BAYONET)		29028-1000									
9	O-RING (PLUG)	1	23020 2000						- 17	٦		
10	O-RING (BOWL)	1						1				
11	BOLT	4						4			100	1000
12	NUT	4						4				17 Miles
13	WASHER (S.S)	4						4				-
14	WASHER (NYLON)	4						4				-
15	CAP	4		2				4			A. C.	
16	BASE VALVE GASKET	1	29043-0000	1	1		1	_				
17	HANDLE	1		Ė	1	1	_					
18	SEAL ASSEMBLY	1	29044-2000	1	1	1						
19	TOP VALVE SEAT	1		1	1	1	1					
20	CAM	1			1	1						
21	TOP VALVE GASKET	1	29042-0000	1	1							
22	O-RING (FLUSH LEVER)	1		1	1	1						
23	FLUSH CONTROL LEVER	1		Т	1	1						
24	SCREW (FLUSH LEVER)	1		1	1	1						
25	BUFFER	1		1	1							
26	SCREW (VALVE COVER)	6		1	6	6	1					
27	VALVE COVER	1		Т	1	1						
28	PUMP CYLINDER	1			1		1					
29	PISTON, ROD & O-RING ASSY	1	29046-0000		1							
30	O-RING (PISTON)	1		1	1							
31	SCREW (PUMP CYLINDER)	6		1	3		3					
32	DISCHARGE FLANGE	1	29091-1000		1		1					
33	JOKER VALVE	1	29092-1000	1	1		1					
34	DISCHARGE ELBOW	1	29029-1000		1		1					
35	VALVE SPRING	1		1	1	1	1					

R	Repair Kits Availal	ble
Kit	Part No	Description
Α	29045-2000	MAJOR SERVICE KIT
В	29040-3000	PUMP ASSEMBLY
С	29094-2000	VALVE COVER ASSEMBLY
D	29051-2000	PUMP CYLINDER ASSEMBLY
Е	29047-0000	BASE TO BOWL MOUNTING KIT



	29090	-3 & 2	9120-3 Serie	es J	ab	scc	)  \	NIS
Key	Description	Qty	Part		Qty per Repair Kit			
		Per	No		Re	oair	Kit	
		Toilet		Α	В	С	D	E
5	INTAKE SEAL +	1	58107-1000					
6	INTAKE ELBOW	·	36107-1000					
7	BASE, PLUG + O-RING ASSY	1	29041-1000					
8	PLUG + O-RING ASSY (FROM 2003 - BAYONET)	1	29028-2000					
9	O-RING (PLUG)	1						
10	O-RING (BOWL)	1						1
11	BOLT (S.S)	4						4
12	NUT (S.S)	4						4
13	WASHER (S.S)	4						4
14	WASHER (NYLON)	4						4
15	CAP	4		2				4
16	BASE VALVE GASKET	1	29043-0000	1	1		1	
17	HANDLE	1			1	1		
18	SEAL HOUSING ASSY (FROM 2008)	1	29044-3000	1	1	1		
19	TOP VALVE SEAT	1		1	1	1	1	
20	CAM	1			1	1		
21	TOP VALVE GASKET	1	29042-0000	1	1			
22	O-RING (FLUSH LEVER)	1		1	1	1		
23	FLUSH CONTROL LEVER	1		П	1	1		
24	SCREW (FLUSH LEVER)	1		1	1	1		
25	BUFFER	1		1	1			
26	SCREW (VALVE COVER)	6		1	6	6	1	
27	VALVE COVER	1			1	1		
28	PUMP CYLINDER	1			1		1	
29	PISTON, ROD & O-RING ASSY	1	29046-3000		1			
30	O-RING (PISTON)	1		1	1			
31	SCREW (PUMP CYLINDER)	6		1	3		3	
32	DISCHARGE FLANGE	1	29091-1000		1		1	
33	JOKER VALVE	1	29092-1000	1	1		1	
34	DISCHARGE ELBOW	1	29029-1000		1		1	
35	VALVE SPRING (ONLY FROM 1998)	1		1	1	1	1	

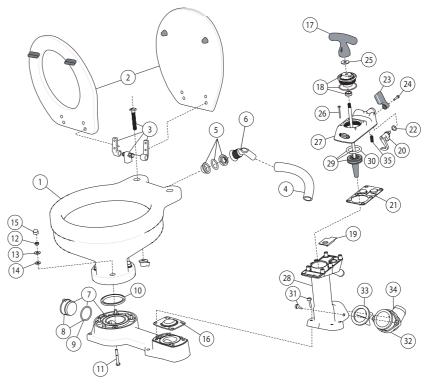
E	29047-0000 BASE	BASE TO BOWL MOUNTING KIT						
Key	Description	Qty Per Toilet	Part No	Α		ty p pair		E
1	BOWL COMPACT TOILET	1	29096-0000					
	BOWL REGULAR TOILET	1	29126-0000					
2	SEAT, LID & HINGE SET	1						
	COMPACT TOILET		29097-1000					
	REGULAR TOILET		29127-1000					
3	HINGE SET (1 PAIR)	1						
	COMPACT TOILET		29098-1000					
	REGULAR TOILET		29098-2000					
4	HOSE COMPACT TOILET	1	29035-1000					
	HOSE REGULAR TOLLET	1	29035-1001					

'n' Lock Manual Toilets (2008 onwards)

C 29094-3000 VALVE COVER ASSEMBLY

B 29040-3000





Part No

37004-1000

98023-0080

44106-1000

44107-1000 96050-0568

37006-0000

91084-0320 43990-0066

1 37056-1000

1 37014-0000

1 37036-1000

2 91009-0096

Qty

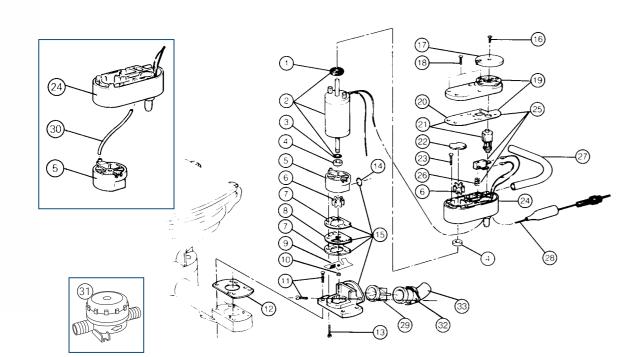
per

## Electric Conversion for Manual Toilets

Key	Description	Qty per	Part		ty p		R	epair Kits Availab	le
		Con-	No	Re	pair	Kit	Kit	Part No	
		version		A	В	C	Α	29101-0000	SERVICE
1	SLINGER (LARGE)	1					В	29109-0000	HARDW
2	MOTOR ASSEMBLY12V	1	29108-0120				C	29116-1000	WASTE
	MOTOR ASSEMBLY24V	1	29108-0240				A7.344	Magrania and	
3	SLINGER (SMALL)	1		1		100			
4	SEAL	2		2		2			all the same
5	WASTE PUMP BODY	1		1		1			HEP T
6	IMPELLER	2		2				1	
7	GASKET (PAPER)	2		2_	2	2			
8	WEARPLATE (STAINLESS STEEL)	1		1	1	=			~
9	CHOPPER PLATE	1	27056 1000						-
10	LOCK NUT	'	37056-1000						
11	MOUNTING SCREW (PAR)			1		1			
12	BASE GASKET (RUBBER)	1	29072-1000						
13	SCREW (WASTE PUMP)	4			4				
14	O-RING	1		1		1			
15	MACERATOR HOUSING	1	29071-1000						
16	SCREW (CONTROL KNOB)	1		1	1	1			
17	CONTROL KNOB	1	29077-1000						
18	SCREW (FLUSH PUMP COVER)	7		1	7	1			
19	FLUSH PUMP COVER ASSY	1	29081-1000	-					
20	FLUSH PUMP GASKET (CORK)	1	29075-1000	1		1			
21	CONTROL VALVE ASSY	1	29083-1000						
22	WEARPLATE (BRASS)	1			1				
23	SCREW (FLUSH PUMP)	2		1	2	1			
24	FLUSH PUMP BODY	1				1			
25	SWITCH ASSY	1	29103-1000	1		70			1
26	SWITCH SPRING	1				1			
27	HOSE (ALL TOILETS)	1	29035-1000	1					Maria
28	CABLE ASSY (WITHOUT FUSE)	1	29106-1000						0
29	JOKER VALVE	1	29092-1000	1					1
30	BLEED HOSE	1	29019-1010	1		1			2
31	PUMPGARD™	1	46400-0000						
32	DISCHARGE FLANGE	1	29091-1000	2		1 6			
33	DISCHARGE ELBOW	1	29029-1000						

R	epair Kits Availabl	e
Kit	Part No	Description
Α	29101-0000	SERVICE KIT
В	29109-0000	HARDWARE KIT
C	29116-1000	WASTE & FLUSH PUMP BODIES





1 Seat & Cover, Seat & Cover, 1A Hinge Set (1 p	escription	Qty	37010 Serie	_	$\exists$	Cionets
Seat & Cover, I 1A Hinge Set (1 p		per Toilet		Ne	₽y	
1A Hinge Set (1 p	Compact Size	1	29097-1000	9	9	Base Assem
J . 1	Regular Size	1	29127-1000	1	0	1"-11/2" Hose
	air)	1		1	1	Joker Valve
Compact Toilet	t		29098-1000	1	2	1" Discharg
Regular Toilet			29098-2000	1	3	Screw**
2 Bowl, Compac	t Size	1	29096-0000	1	4	Chopper Pl
Bowl, Regular	Size	1	29126-0000	1	5	Macerator
3&4 Bowl Spud & I	ntake	1	58107-1000	1	6	Centrifugal
Elbow & O-rin	g			1	7	Set Screw†
5 Hose Clip		1		1	8	O-ring*†
6 Hose		1	29035-1001	1	9	Sealing Slee
7 Bowl Installation	on Hardware	1	18753-0637	2	0	Screw†
7A Philips Hea	d Screw**	4		2	1	Screw†
7B Washer, Sta	arlock**	4		2	2	Washer, Pla
7C Hex Nut**	(two places)	4		2	3	Wearplate‡
7D Washer, Pla	astic**	4		2	4	Lock Wash
7E Washer Sta	inless steel**	8		2	5	Screw†
7F Nut Cap**		4		2	6	Gasket*†
8 O-Ring Bowl/S	eal	1	44101-1000	1 🗔	7	Flexible Imp

/	Bowl Installation Hardware	1	18/53-063/	20	Screw†	2	91009-0096
	7A Philips Head Screw**	4		21	Screw†	2	91010-0130
	7B Washer, Starlock**	4		22	Washer, Plastic*†	2	35445-0000
	7C Hex Nut** (two places)	4		23	Wearplate‡†	1	37018-0000
	7D Washer, Plastic**	4		24	Lock Washer #10, Stainless Kit†	4	
	7E Washer Stainless steel**	8		25	Screw†	4	91027-0011
	7F Nut Cap**	4		26	Gasket*†	1	12558-0000
8	O-Ring Bowl/Seal	1	44101-1000	27	Flexible Impeller*†	1	6303-0003
				28	Bodyt	1	12554-0000
				29	Seal & Retainer*†	1	1040-0000
				30	Slingert	1	6342-0000
à				31	Motors:		
8					Motor - 12 Volt†	1	37064-0000
8		_			Motor - 24 Volt†	1	37065-0000
e		_		32	Adaptor	2	93003-0240
u				33	Switch and Plate	1	37020-0000
7			100	34	Motor Cover†	1	43990-0051
				35	Screw Cover (3 each)	1	37003-1000
		68/			Service Kit:		37040-0000
					Motor/Pump Assy. 12V†		37041-0010
					Motor/Pump Assy. 24V†		37041-0011
			1 111				
			6		s supplied with Service Kit 37040-0000.		
			1	** Pai	ts included with base 37004-1000.		

Description

10 1"-11/2" Hose Adaptor

12 1" Discharge Port\*\*
13 Screw\*\*

15 Macerator Housing†

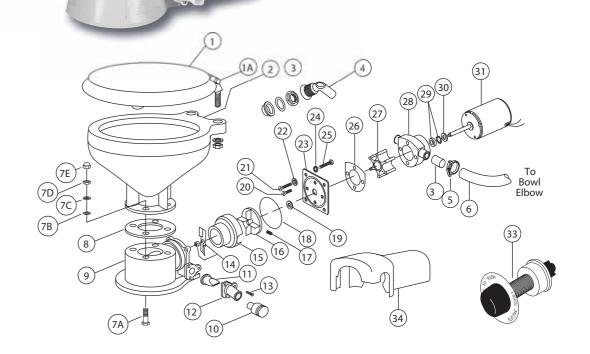
16 Centrifugal Impeller†

19 Sealing Sleeve†

14 Chopper Plate† with Lock Nut

11 Joker Valve\* \*\*

- Wearplate #23 includes Sealing Sleeve #19 and Pump/Base O-ring #18.
   Parts included in Motor-Pump Assembly.



## Designer Style Electric Toilets

## JABSCO°

Part No

96050-0568

37056-1000

37014-0000

37006-0000

1 91084-0320

Qty per

Toilet

#### 37045 & 37245 Series Quiet Flush Toilets Description 1 SEAT & COVER, COMPACT SIZE SEAT & COVER, REGULAR SIZE HINGE SET (1 PAIR) COMPACT TOILET REGULAR TOILET BOWL, COMPACT SIZE BOWL, REGULAR SIZE INTAKE SEAL INTAKE ELBOW & O-RING 5 HOSE, 6 FEET 6 MOTOR COVER BOWL INSTALLATION HARDWA 7A NUT CAP\*\* 7B HEX NUT\*\* 7C WASHER, STAINLESS STEEL\*\* 7D WASHER, PLASTIC\*\* 7E HEX HEAD SCREW\*\*

	3/04.	) & 3/243 3C	lie
	Qty	Part No	
	per		
	Toilet		
	1	29097-1000	
	1	29127-1000	
	1		
		29098-1000	
		29098-2000	
	1	29096-0000	
	1	29126-0000	
	1	58107-1000	
	1	58107-1000	
	1	29035-1031	
	1	37042-1000	
RE	1	18753-0637	
	4		
	4		
*	4		
	4		
	4		

8 O-RING\*

9 BASE ASSEMBLY\*\*

11 JOKER VALVE\*\*\*

10 1"- 1/2" HOSE ADAPTOR

12 1"- 11/2" HOSE ADAPTOR

14 CHOPPER PLATE WITH LOCK NUT

15	MACERATOR HOUSING	1	37014-0000
16	CENTRIFUGAL IMPELLER	1	37006-0000
17	SET SCREW	1	91084-0320
18	O-RING*	1	43990-0066
19	SEAL	1	1040-0000
20	SCREW	2	
21	WASHER, PLASTIC*	2	35445-0000
22	SEAL HOUSING	1	37043-1000
23	LOCK WASHER, STAINLESS STEEL	4	
24	SCREW	4	91027-0011
25	SLINGER	1	6342-0000
26	MOTOR - 12 VOLT	1	18753-0554
	MOTOR - 24 VOLT	1	18753-0555
27	SOLENOID VALVE & SYPHON BREAKER		
	12 VOLT	1	37038-1012
	24 VOLT	1	37038-1024
28	SWITCH PANEL	1	37047-2000
29	RINSE PUMP 12 VOLT	1	31631-0092
	RINSE PUMP 24 VOLT	1	31631-0094
30	SCREW COVER (3 EACH)	1	37003-1000
31	PUMPGARD	1	46400-0000
	SERVICE KIT		90197-0000
	MOTOR & WASTE PUMP ASSY 12V	1	37072-0092
	MOTOR & WASTE PUMP ASSY 24V	1	37072-0094

Part No

44101-1000

37004-1000

98023-0080

44106-1000

44107-1000

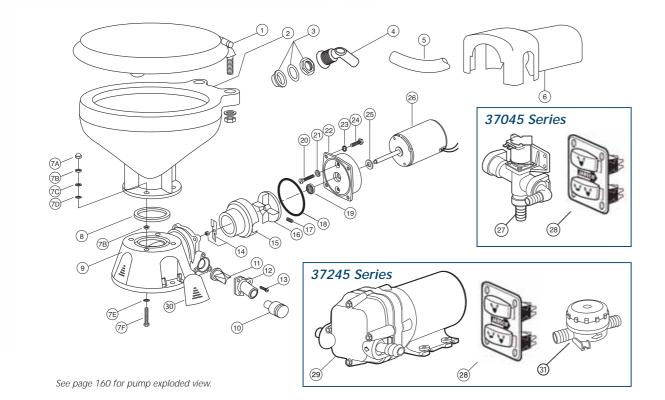
96050-0568

37056-1000

Qty

Toilet

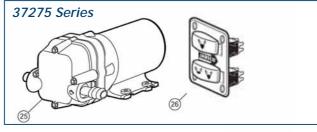
\*Parts Supplied with Service Kit. \*\*Parts included with base 37004-1000.

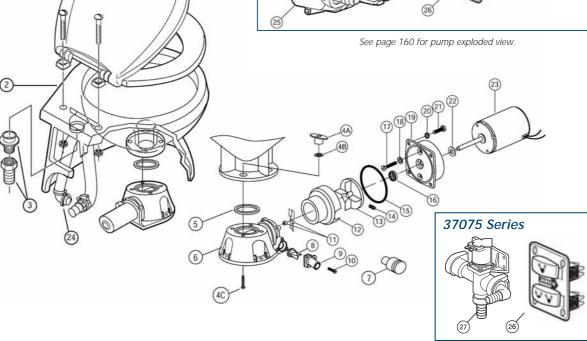


	3727	5 & 37	7075 Series D	esi	gner	Style Electric Toilets
Key	Description	Qty per Toilet	Part No		Key	Description
1	Seat and Cover	1	37078-1000		10	Screw**
2	Bowl, Compact Size, White	1	37076-0010		11	Chopper Plate with Lock Nu
3	Bowl Spud and _" barbed adaptor	1	18753-0609		12	Macerator Housing
4	Bowl Installation Hardware	1	18753-0604		13	Centrifugal Impeller
4A	Tee Nut**	4			14	Set Screw
4B	Washer, Plastic**	4			15	O-ring*
4C	Socket Head Screw **	4			16	Seal
5	Gasket*	1	37017-0000		17	Screw
6	Base Assembly**	1	37004-1000		18	Washer, Fibre*
7	1"- 1 1/2" Hose Adaptor	1	98023-0080		19	Seal Housing
8	Joker Valve* **	1	44016-1000		20	Lock Washer #10, Stainless
9	1" Discharge Port**	1	37077-1000		21	Screw
				-	22	CI.

		Set Selett		310010320
	15	O-ring*	1	43990-0066
	16	Seal	1	1040-0000
	17	Screw	2	
	18	Washer, Fibre*	2	35445-0000
	19	Seal Housing	1	37043-1000
	20	Lock Washer #10, Stainless Steel	4	
	21	Screw	4	91027-0011
	22	Slinger	1	6342-0000
	23	Motor – 12 Volt	1	18753-0554
		Motor – 24 Volt	1	18753-0555
	24	Evacuation Hose Kit	1	37087-0000
	25	Rinse Pump		
		12 Volt EMC	1	31631-0092
		24 Volt EMC	1	31631-0094
	26	Switch Panel	1	37047-2000
		Service Kit	1	90197-0000
		Motor & Waste Pump Assembly		
		12 Volt	1	37072-0092
		24 Volt	1	37072-0094
	27	Solenoid Valve & Syphon Breaker		
		12 Volt	1	37038-1012
		24 Volt	1	37038-1024
	28	Pumpgard	1	46400-0000
		<u> </u>		

\*Parts supplied with Service Kit. \*\*Parts included with base 37004-1000.





## Deluxe Flush 14" and 17" Electric Toilets

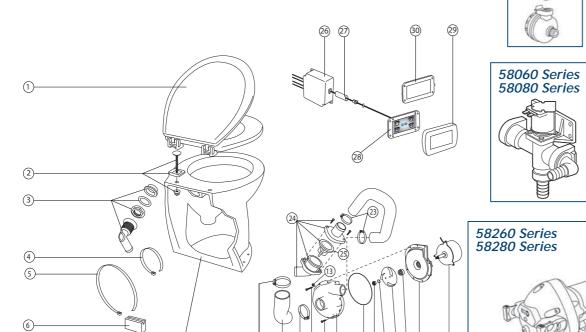
# 280 Deluxe Flush 14" Toilets

		58	<del>3060, 58260,</del>	58	080	, 58	32
Key	Description	Qty	Part	ς	ty pε	er	Г
		per	No	Se	rvice	Kit	
		toilet		А	В	С	
1	SEAT & LID SET	1	58104-1000				
2	HINGE KIT, PAIR	1	58105-1000				
3	RINSE INTAKE SEAL & ELBOW	1	58107-1000				
4	SUPPORT STRAP, DISCHARGE HOLE	1	SEE KITS	1	1		
5	SUPPORT STRAP, MOTOR	1	SEE KITS	1	1		
6	SUPPORT BLOCK, MOTOR	1	SEE KITS	1	1		
7	14" BOWL, ANGLED BACK	1	58048-1000				
	14" BOWL, VERTICAL BACK	1	58068-1000				
	17" BOWL, ANGLED BACK	1	58028-1000				
	17" BOWL, VERTICAL BACK	1	58038-1000				
8	HOSE CLIP LARGE	1	SEE KITS	1	1		
9	INLET HOSE, FLUSH PUMP	1	SEE KITS	1	1		
10	HOSE CLIP, MEDIUM	1	SEE KITS	1	1		
11	SCREW, LONG	4	SEE KITS	1	4		
12	SCREW, SHORT	3	SEE KITS	1	3		
13	NUT	7	SEE KITS	2	7		
14	PUMP BODY, UPPER	1	SEE KITS		1		
15	RING SEAL	1	SEE KITS	1	1		
16	NUT	1	SEE KITS	1	1		
17	WASHER	1	SEE KITS	1	1		
18	IMPELLER	1	SEE KITS		1		
19	CERAMIC SEAL	1	SEE KITS	1	1		
20	PUMP BODY, LOWER	1	SEE KITS		1		
21	MOTOR 12v	1	SEE KITS		1		
	MOTOR 24v	1	SEE KITS		1		
22	OUTLET HOSE, PUMP	1	SEE KITS	1	1		
23	CLIP, SMALL	2	SEE KITS	2	2		
24	NON-RETURN VALVE ASSEMBLY	1	58109-1000				
25	JOKER VALVE	1	29092-1000				
26	CONTROL BOX - ELECTRONICS	1	SEE KITS			1	
27	HEAT SHRINK SLEEVE, CONTROL CABLE	1	SEE KITS			1	
28	PANEL	1	SEE KITS			1	
29	JABSCO WHITE FASCIA PANEL	1	SEE KITS			1	
30	ADAPTER PLATE	1	SEE KITS			1	

Key	Description	Qty per	Part No		ty pervice	
		toilet		Α	В	С
31	SOLENOID VALVE, 12v	1	37038-1012			
	SOLENOID VALVE, 24v	1	37038-1024			
32	RINSE PUMP 12v	1	31331-0092			
	RINSE PUMP 24v	1	31331-0094			
33	PUMP GUARD	1	46400-9500			
	RINSE PUMP 24v	1	31331-0094			

	Service Kits Available									
Kit	Kit Part No Description									
Α	58100-2000	MAJOR SERVICE KIT								
В	58103-1012	PUMP ASSEMBLY, 12v								
	58103-1024	PUMP ASSEMBLY, 24v								
С	58029-1000	CONTROL KIT								





## Deluxe Flush 17" Electric Toilets \*Until 2009

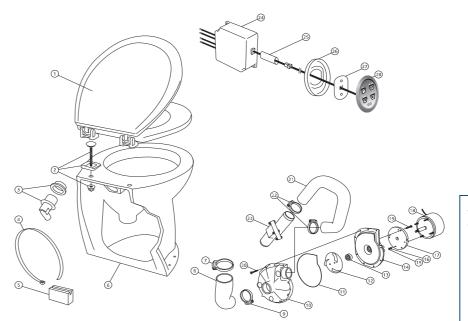


		580	20, 58220, 5	804	Ю,	582	40	Del	uxe Flush 17'	' loilets
Key	Description	Qty	Part	0	ty p	er		R	epair Kits Availabl	e
		per	No	Re	pair	Kit		Kit	Part No	
		toilet		Α	В	С		Α	58100-2000	MAJOR SI
1	SEAT & LID, SET	1	58104-1000					В	58103-1012	PUMP AS
2	HINGE KIT, PAIR	1	58105-1000						58130-1024	PUMP AS
3	RINSE INTAKE SEAL & ELBOW	1	58107-1000	1				С	58029-1000	CONTROL
4	SUPPORT STRAP, DISCHARGE HOSE	1	SEE KITS	1	1		'			
5	SUPPORT STRAP, MOTOR	1	SEE KITS	1	1					
6	SUPPORT BLOCK, MOTOR	1	SEE KITS	1						
7	BOWL, ANGLED BACK	1	58028-1000							
	BOWL, VERTICAL BACK	1	58038-1000							
8	HOSE , LARGE	1	SEE KITS	1	1					
9	INLET HOSE, FLUSH PUMP	1	SEE KITS	1	1					
10	HOSE CLIP, MEDIUM	1	SEE KITS	1	1					
11	SCREW, LONG	4	SEE KITS	1	4					
12	SCREW, SHORT	3	SEE KITS	1	3					
13	NUT	7	SEE KITS	2	7					
14	PUMP BODY, UPPER	1	SEE KITS		1					
15	RING SEAL	1	SEE KITS	1	1				100	
16	NUT	1	SEE KITS	1	1				100	
17	WASHER	1	SEE KITS	1	1				100	
18	IMPELLER	1	SEE KITS		1					
19	CERAMIC SEAL	1	SEE KITS	1	1					
20	PUMP BODY, LOWER	1	SEE KITS		1				1	
21	MOTOR 12V	1	SEE KITS		1				11	
	MOTOR 24V	1	SEE KITS		1				1.7	
22	OUTLET HOSE, PUMP	1	SEE KITS	1	1				1.00	
23	CLIP, SMALL	2	SEE KITS	2	2				1 7	
24	NON - RETURN VALVE ASSEMBLY	1	58109-1000						1.70	
25	JOKER VALVE	1	29092-1000						1.3	
26	CONTROL BOX, ELECTRONICS	1	SEE KITS			1				
27	HEAT SHRINK SLEEVE, CONTROL CABLE	1	SEE KITS			1				
28	PANEL	1	SEE KITS			1				
29	JABSCO WHITE FASCIA PANEL	1	SEE KITS			1				
30	ADAPTOR PLATE	1	SEE KITS			1				
31	SOLENOID VALVE, 12V	1	37038-1012							
	SOLENOID VALVE, 24V	1	37038-1024							
32	RINSE PUMP, 12V	1	31331-0092							
	RINSE PUMP, 24V	1	31331-0094							
33	PUMP GUARD	1	46400-9500							

MAJOR SERVICE KIT

CONTROL KIT

PUMP ASSEMBLY, 12V PUMP ASSEMBLY, 24V



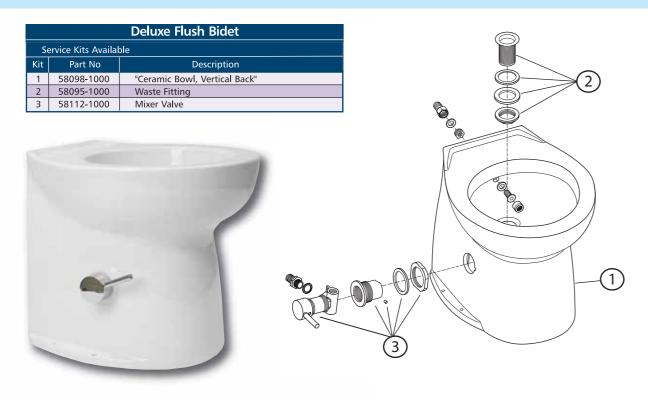






## Lite Flush Electric Toilets

## JABSCO\*

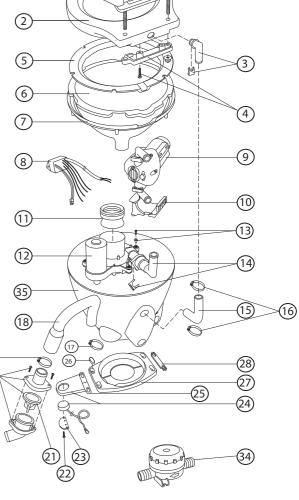




				58	50	נ ט	eri	es	LIT	FIL	ısh Toilets
Key	Description	Qty	Part		Qt	ty p	er			R	epair Kits Avai
		Per	No		Rep	oair	Kit			Kit	Part No
		Toilet		Α	В	С	D	Ε		Α	58550-1000
1	SEAT AND LID	1	58530-1000B							В	58540-1012
2	TOP	1									58540-1024
3	INTAKE ELBOW AND CLIP	1								С	58555-1000
4	SEAT AND LID CLAMP KIT	1								D	58029-100
5	TOP BOWL SEAL	1	58514-1000								
6	CERAMIC BOWL	1									
7	CLAMP RING	1									
8	CONTROL BOX (FOOTSWITCH)	1	SEE KITS			1					
9	RINSE PUMP 12V	1	31331-0092								
	RINSE PUMP 24V	1	31331-0094								
10	RINSE PUMP BRACKET	1									
11	BOWL OUTLET SEAL	1	SEE KITS		1						
12	PUMP ASSEMBY 12V	1	SEE KITS		1						
	PUMP ASSEMBY 24V	1	SEE KITS								
13	PUMP ASSY FIXINGS	4	SEE KITS		1						
14	DISCHARGE ELBOW AND CLIP	1	SEE KITS		1						
15	INLET HOSE	1	SEE KITS	1							
16	SMALL HOSE CLIP	2									
17	MEDIUM HOSE CLIP	1									
18	OUTLET HOSE	1	SEE KITS	1							
19	LARGE HOSE CLIP	1									
20	NON RETURN VALVE ASSEMBLY	1	58109-1000								
21	JOKER VALVE	1	29092-1000							(1	)——/
22	SCREW, FOOTSWITCH	2								$\sim$	(
23	SWITCH SUPPORT	1									
24	FOOTSWITCH	1	SEE KITS			1					$\rightarrow$
25	SWITCH MOUNT	1									( (
26	SCREW COVERS	4								6	, N
27	BASE	1								(2	
28	FOOT PANEL BLANK	1	SEE KITS			1	2				
29	CONTROL BOX	1	SEE KITS				1				\ /
30	HEAT SHRINK SLEEVE	1	SEE KITS				1			(5	-+
31	PANEL	1	SEE KITS				1				7
32	JABSCO WHITE FASCIA PANEL	1	SEE KITS				1			6	
33	ADAPTOR PLATE	1	SEE KITS				1			O	
34	PUMPGARD	1	46400-0000								

<u></u>	

Part		Q	ty p	er		Re	epair Kits Availab	le
No		Rej	oair	Kit		Kit	Part No	Description
	Α	В	С	D	Е	Α	58550-1000	HOSE KIT
30-1000B						В	58540-1012	PUMP ASSEMBLY KIT 12V
							58540-1024	PUMP ASSEMBLY KIT 24V
						С	58555-1000	CONTROL KIT (FOOTSWITCH)
						D	58029-1000	CONTROL KIT (PANEL)
14-1000								
E KITS			1					
31-0092								
31-0094								
E KITS		1						
E KITS		1						
E KITS								
E KITS		1						600
E KITS		1						(29)
E KITS	1							
							≋	30
							7	
E KITS	1							
09-1000							. /	
92-1000						(1	)	-
						_	(	
EE KITS			1					
							( ( ( ~	
						(3	, (	
						(2		
E KITS			1	2				
F KITS				1			. /8/	



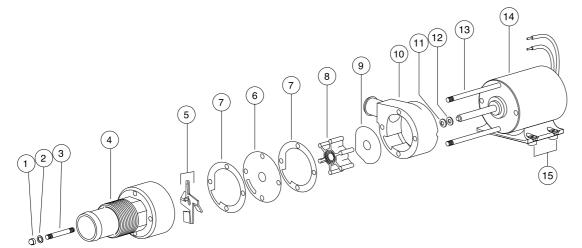
## Replacement Bulb Guide

## JABSC0°

#### 18590 Series Run-Dry Macerator Pump Qty Part No 1 ACORN NUT 2 FIBER WASHER\* 4 91085-0340 4 SP1613-0140 3 STUD\* 2 17288-0010 4 MACERATOR HOUSING 5 CHOPPER BLADE KIT 18594-1000 37056-2000 WEARPLATE, LARGE 18597-1000 7 GASKETS (2 EACH PER KIT)\* 18596-1000 7 GASKETS (2 EACH PER 8 IMPELLER\* 9 WEARPLATE, SMALL 10 BODY\* 11 SEAL\* 12 SLINGER 13 STUD 6303-0003 12316-1002 18593-1000 1040-0000 17288-0000 MOTOR 12 VOLT MOTOR 24 VOLT 17246-1012 17246-1024 15 GROMMETS (SET OF 4) 1 92900-0120 SERVICE KIT 1 18598-1000



<sup>\*</sup> Parts supplied with service kit

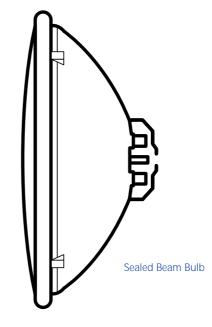


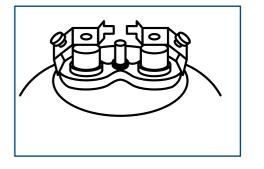


	Chrome Remote Control Searchlights												
Dia- meter	Searchlight Model	Volts	Watts	Candle Power	Sealed Beam Number								
"/mm				x 1000									
SEAL	ED BEAMS FOR CURRE	NT SEF	RIES										
5"	61022, 62022-Series	12	100	100/50	67296-0000								
130	61026, 62026-Series												
6"	63020, 63022-Series	12/24	100	200/50	64046-0006								
150		12/24	100	200/30	04040-0000								
7"	61040, 62040-Series	12	100/100	200/50	67262-0000								
180		24	170	230	18753-0447								
8"	61042, 62042-Series	24	250	500	98040-0520								
200													
SEAL	ED BEAM BULBS FOR (	OLDER I	LIGHTS (N	IOT IN C	ATALOGUE)								
5"	61020-Series												
130	61024-Series	12	100/100	100/50									
	61025-Series				67296-0000								
7"	43630-Series,	12	100	49	43990-0048								
180		24	450	450	66165-0000								
	40017,40027,40170	12	100	49	43990-0048								
	40173,40244,40324	24	400	200/50	66165-0000								
	61041-3002	24	400	200/50	66165-0000								
53/4"	40014, 40025,	12	NI/A	75	00040 0020								
145	40049	12	N/A	/5	98040-0020								
HAI	LOGEN BULBS - SEALED	BEAM											
5"	61025-4008	12	55	N/A	43990-0022								
130													
5"	61026-4008	12	55	N/A	43990-0022								
130													
XEN	NON BULBS												
7"	62040-4002X	12	35	680	1000215-01								
180	62040-4006X	24	35	680	1000215-01								

Plast	Plastic Remote Control Lights										
Model	Volts	Watts	Amps	Candle Power	Bulb Number						
135 SL											
60020-0000	12	50	4	100,000	18753-0178						
60020-0024	24	50	2	100,000	18753-0178						
155 SL											
61050-0080	12	50	5	100,000	18753-0528						
61050-1224	12/24	50	5	100,000	18753-0528						
146 SL											
60080-0012	12	50	4	175,000	18753-0455						
60080-0024	24	50	2	175,000	18753-0455						
233 SL											
60233-1224H	12/24	55	5	225,000	1000193-01K						
255 SL											
60010-0012/2012	12	50	4	200,000	18753-0336						
60010-0024/2024	24	50	2	200,000	18753-0336						
DOCKING LIGHTS (	OBSOLE	TE)									
42440-0000	12	100	7.5		18753-0287						
			(each)								
42440-0024	24	150	4.0		18753-0462						
			(each)								

	Penet-Ray Projector Bulbs for Obsolete Reflector Lights											
Dia- meter '/mm	Searchlight Model	Volts	Watts	Candle Power x 1000	Bulb Number							
61/2"	40915,40018,40122	12	72	N/A	98039-0020							
165	40500,40503,40533											
Thru	40544,40577,40703,	32	115	N/A	98039-0060							
	40733,40744,40800											
10"	40803,40833,40844,											
255	40877											
6"	63042-0012	12	35	600	64046-0007							
150	63042-0024	24	35	600	64046-0008							





Marine

Jabsco Factory Authorized Service Centers' functions include: repair of under-warranty products; repair (for nominal charge) out-of-warranty pumps; suggesting repair parts for end users; and troubleshooting problem applications and installations.

If you, or your customer, need to return a product for warranty consideration, the following steps should be followed for the best possible service.

- 1. Telephone your most convenient service center for a return material authorization (RMA) number. They will, whenever possible, trouble-shoot the problem with you or your customer to resolve the claim; but if the product has to be returned, use the RMA number given to you by the customer service representative. Waste System products must be thoroughly cleaned prior to return for repair
- 2. When it arrives here, we will review the problem, determine whether it is warranty or not, estimate cost and time required to repair the product, then phone you with this information.
- 3. For problems covered under our one year limited warranty, repairs will be completed and an itemized list of parts and labor will be enclosed with the product and it will be returned to you.
- 4. For problems deemed non-warranty, they will request a verbal authorization from you for the estimated repair costs, repair the product, and return it with a detailed parts and labor breakdown and invoice for the charges.

Jabsco Factory Authorized Service Centers are staffed by capable people who are dedicated to servicing product in the shortest turnaround time and at the lowest cost to you or your customer. Our regional Marine Service Centers are:

#### **SEARCHLIGHTS**

Jabsco Service 2747 S. W. 27th Ave. Miami, FL, 33133 Tel 800-856-1583

#### **SOUTHWEST REGION**

Jabsco Service 931 W. 18th St. Costa Mesa, CA. 92627 Tel 949-642-6800

#### **NORTHEAST REGION**

Jabsco Service 11-35 Commercial St. New Bedford, MA. 02741 Tel 508-992-8084

#### **NORTHWEST REGION**

Jabsco Service 1900 N. Northlake Way Seattle, WA. 98103 Tel 800-426-6930

#### SOUTHEAST REGION

Jabsco Service 2145 Calumet St Clearwater, FL. 33765 Tel 800-446-1656

#### SOUTH CENTRAL

Jabsco Service 2301 Nasa Road 1 Seabrook, TX. 77586 Tel 281-474-3276

#### Gulf Coast Service Center for Engine Cooling Pumps

Bow 2 Stern, 229 Sunset Avenue, PO Box 5093, Houma LA 70361

Tel 985-876-9915 Fax 985-876-9918 Toll free # 888-727-8278

Distributors are encouraged to utilize the Jabsco Factory Authorized Service Center in each region to provide convenient, prompt warranty and non-warranty repairs. (Note: non-repairable, warrantable item should be held for disposition by Jabsco Area Manager - DO NOT SEND TO SERVICE CENTER).

#### Warranty

ITT Corporation - Jabsco ("ITT") warrant that at the time of shipment the product manufactured by ITT and sold hereunder ("the product") shall be in conformity with applicable written specifications and descriptions and will be free from defects in material and workmanship for a period of 1 year or period stated on the product packaging. The warranty will not extend to a product which becomes defective resulting from damage in the course of transportation or by storage operation use or maintenance in an environment not conforming to the instructions or specifications of ITT or if the product is altered or modified in any way.

ITT's sole liability for breach of this warranty will be (at its option) to repair or replace the defective product.

Warranty is only valid with proof of purchase from an authorised ITT dealer

Please note that the warranty on the product is with the place of purchase. For further information on ITT warranties or to make a warranty claim please contact your local ITT dealer or visit our website at www.jabsco.com

This warranty does not affect your statutory rights

This warranty statement is not definitive and will be in addition to our standard terms and conditions

## **Jabsco Marine Distributors in Europe & North Africa**



#### **AUSTRIA**

#### Kuchelauer

Hafen-Donaurast GmbH Kuchelauer Hafenstraße 2

A-1190 Vienna

+43 (1) 3701 658 +43 (1) 3701 658 77 E:Mail: office@donaurast.at Web: www.donaurast.at

#### G. Ascherl GmbH

Industriestraße 43 A-6971 Hard a. Bodensee +43 5574 89900-0 +43 5574 89900-10 E:Mail: office@ascherl.at

#### **BELGIUM** Hunter N.V.

Smallandlaan 3B B-2660 Hoboken Antwerpen

+32 (0)3 820 55 60 +32 (0)3 828 49 23 E:Mail: info@hunter.be Web: www.hunter.be

#### CROATIA Madex D.O.O.

Slavka Batusica bb 23000 Zadar

+385 23340698 +385 23340698 E:Mail: marine2@madex.hr Web: www.madex.hr

#### **CYPRUS**

C A Petrides Ltd

PO Box 56086 Franklin Roosevelt Av 46 3012 Limassol

+35 72 5564200 +35 72 5565123 E:Mail: eugene@cytanet.com.cy

#### **DENMARK**

Johs Thornam A/S Hvedemarken 3-5

3520 Farum +45 4434040 +45 4434079

E:Mail: thornam@thornam.com Web: www.thornam.com

#### **EGYPT**

El Seheemy Marine Equipment

48 Youssif Abbas ST Naser City

Cairo (+202) 02 24041950 (+202) 02 24032043 (+202) 02 24026595 E:Mail: seheemy@link.net

#### **FINLAND** OY Vestek AB

Martinkuja 4 Fin-02270 Espoo Tel: +358 9887 0120 +358 9887 01291 E:Mail: vene@vestek.fi www.vestek.fi

#### **FRANCE**

Vidal Diffusion Marine

1523 Avenue de Draguignan Z.I. Toulon Est, 83130 La Garde +33 4 94 08 6820 +33 4 94 08 2659 E:Mail: courrier@vidalmarine.com

Web: www.vidalmarine.com Kent Marine Equipment BP 207, 3 Rue de la Dutee (ZIL)

44815 St Herblain - Cedex +33 240 92 15 84 +33 240 92 13 16 E:Mail: contact@kent-marine.com Web: www.kent-marine.com

#### Seimi

CS 41809, 29218 Brest, Cedex 2 +33 298 4611 02

+33 298 4337 49 E:Mail: info@seimi-com

#### **GERMANY** Jabsco GmbH

Oststrasse 28 D-22844 Norderstedt Tel: +49 (0) 40 535 373 0 Fax: +49 (0) 40 535 373 11 E:Mail: vertriebjabsco.de@itt.com

#### **GIBRALTAR**

M. Sheppard & Co Ltd Waterport

+350 20075148 / 20077183 +350 20042535 E:Mail: info@sheppard.gi

## Europe & North Africa

#### **Jabsco Marine Distributors in Europe & North Africa**

#### **GREECE** Alson S A

12th. KmNat. Road Athens - Lamia Metamorfosi GR 144 52

+30 210 285 5878 +30 210 285 5879 E:Mail: info@alson.gr Web: www.alson.gr Tecrep Marine SA

36 Akti Tr.

Moutsopoulou Str 185 36 Piraeus +30 210 451 4526 +30 210 418 4280

E:Mail: sales@tecrepmarine.gr Web: www.tecrepmarine.gr

#### *ICELAND*

Velasalan ehf. Klettagardar 25,

104 Reykjavik *Tel:* +354 520 0000 +354 520 0020 E:Mail: stefan@velasalan.is Web: www.velasalan.is

#### **IRELAND**

C H Marine Ltd.

Nautic House Marsh Road Skibbereen Co Cork Ireland

+353 28 23 190 +353 28 22 028 E:Mail: sales@chmarine.com www.chmarine.com

#### ISRAEL

S.AL Technical Equipment Ltd.

36 Hamerkava St., Holon 58859 P.O. Box 93 58008 Israel

+972 3 556 6363 +972 3 556 6474 E:Mail: dany@saltech.co.il www.saltech.co.il

#### ITALY

ITT Jabsco Marine Italia srl

ViaTommaseo 6 20059 Vimercate Milano

Tel: +39 0396 852 323 Fax: +39 0396 663 07 E:Mail: info@jabsco.it

#### LEBANON

Kyriakos Freres Ain El Mreiseh

Kyriakos Building

+961 1 362 752 +961 1 368 877 E:Mail: kyriakos@cyberia.net.lb Web: www.kyriakos-lb.com

#### **MALTA**

International Marine Centre Ltd

Testaferrata Street Ta' Xbiex XBX 1405 +356 2133 2747 +356 2134 3871 E:Mail: info@imc.com.mt www.imc.com.mt

#### **NETHERLANDS**

Lankhorst Taselaar

Postbus 502 8200 AM, Lelystad Binnenhavenweg 31 8211 AA, Lelystad

+31 (0) 184 615 800 +31 (0) 184 614 045 Fax:

#### Exalto BV

Nijverheidsstraat 12 P.O. Box 40

3370 AA Hardinxveld-Giessendam +31 184 615 800 +31 184 614 045 E:Mail: sales@exalto.com Web: www.exalto.com

Handelmij.Schulte & Co BV PO Box 140

3870 CC Hoevelaken +31 332534030 +31 332536574 E:Mail: info@schulteco.nl Web: www.schulteco.nl

#### **NORWAY**

**OEM Automatic AS** 

Bjørnstjerne Bjørnsonsgate 110 Drammen

N-3044

+47 32210571 Tel: +47 32210501 E:Mail: post@oem.no Web: www.oem.no

Flak a/s Ski-basen 14-16 Kristiansand S.

Norway +47 38 05 66 00 +47 38 04 34 71 E:Mail: tflak@flak.no

#### **POLAND**

Taurus Sea Power Dzwigowa 13B 80-414

Gdansk 058 3443050/3131 058 341 6762 Fax: E:Mail: taurus@taurus.qda.pl www.taurus.gda.pl

#### **PORTUGAL**

Hidromethos, Lda

Quinta do Lago Armazém 24 2660-196 St Antão do Tojal *Tel:* +351 219 737 580

#### +351 219 737 589 E:Mail: geral@hidromethos.pt Web: www.hidromethos.pt

#### SCOTLAND

Mack Engineering
Block 57, Unit 3 Montrose Avenue Hillington Industrial Estate Glasgow, G52 4LA

+44 (0) 141 8821030 +44 (0) 141 8827330 E-Mail: mackengineering@btconnect.com www.mackengineering.co.uk

#### **SPAIN**

Tecnica De Fluidos SL

C/Marina 131 Bis 133 08013 Barcelona

+34 932 32 5162/5251/5750 +34 932 65 9432/8513 E:Mail: tdf@tecnicafluidos.com Web: www.tecnicafluidos.com

#### **SWEDEN**

AB Telfa Box 12030

Karl-Johansgatan 158 S-402 41 Gothenburg +46 (0) 75 24 24 450 +46 (0) 75 24 24 495 E:Mail: info@telfa.se Web: www.telfa.se

#### **SWITZERLAND** Bucher & Walt SA

Route de Soleure 8 CH 2072 St Blaise NE +41 32 755 95 00 +41 32 755 95 30 E:Mail: info@bucher-walt.ch Web: www.bucher-walt.ch

#### TURKEY

Suat Karaosman - Dizel Tic Ve San Ltd Sti

Elmadag Cad 57 Istanbul 34373

+90 212 248 2170/230 6515 +90 212 230 7392 E:Mail: info@suatkaraosman.com Web: www.suatkaraosman.com

#### UNITED KINGDOM Cleahorn

Waring & Co (Pumps) Ltd Icknield Way

Letchworth Garden City Hertfordshire SG6 1EZ +44 1462 480380 Fax: +44 1462 482422 E:Mail: mail@cleghorn.co.uk www.cleghorn.co.uk www.jabscoshop.co.uk

## Africa, Middle & nr East Asia & Australasia



#### Jabsco Marine Distributors in Africa, Middle & nr East Asia & Australasia



#### **AUSTRALIA**

R.W.Basham Pty. Ltd.

146 Cope street, Waterloo,

New South Wales 2017 +61 02 9319 6027 +61 02 9319 5157 E:Mail: info@rwbmarine.com.au Web: www.rwbmarine.com.au

**Pumptec** 

43 Sydenham Road Brookvale NSW 2100 Australia

+61 02 9939 4600 +61 02 9939 4700 E:Mail: info@jabsco.com.au Web: www.jabsco.com

Waterfront Marine Services

43 Packenham Street Fremantle 6160 Post Office Box: PO Box 275 6959

+61 08 9335 7766 +61 08 9335 3002

E: Mail: peter@waterfrontmarine.com.au www.waterfrontmarine.com.au

#### **BAHRAIN**

2000 Marine Stores P.O. Box 26927 Manama

+973 17 742777 +973 17 742255 E:Mail: grp2000@batelco.com.bh **CHINA** 

AC#108780 Shanghai Ocean Equipment Co.,Ltd

Building 41, Lane 1277, East Zhuanxing Road, Minhang District, Shanghai. Postcode: 201108 Contact: Tomas Zhu (86)21 3430 5312

(86)21 3430 5310 E:Mail: zhú@ocean-china.com AC#106859 Holylight Shenzhen Trading Limited

Unit C22/Seascape square No 18, Taizi Road, Shekou.

Shenzhen Postcode: 518067 Contact: Zhu, Xunfu Tel: (86)755-26670700 Fax: (86)755-26829418 E:Mail: holylight@szhotmail.com AC#111532 Wuhan Glitter

M&E Co., Ltd Rm 1188, No.76 Qingnian Rd, Wuhan, China

Postcode: 430015 Contact: Jiang, Hui Tel: (86)27-85732311 Fax: (86)27-85745427 E:Mail: glitter88@126.com

#### HONG KONG

François D'Hardivilliers Ltd 59 Des Voeux Road Central 10th Floor, Chung Nam House Tel: +852 2526 3117 Fax: +852 2945 9115 E:Mail: fdh@atgroup.com.hk

#### **INDONESIA**

Jasa Marine Hardware PT Jl. Malaka 2 No. 35

Jakarta 11230

Tel: +62 21 6190 3130

Fax: +62 21 690 5615 E:Mail: customer@jasamarine.co.id Web: www.jasamarine.co.id

Dunia Marine Internusa PT Jl. Malaka 2 No. 35

Jakarta 11230 +62 21 690 3130 +62 21 690 5615 E:Mail: customer@jasamarine.co.id www.jasamarine.co.id Web:

KUWAIT

M/s. Sons of M.H. Qabazard Gen. Trading. & Cont. Co.

P.O. Box 1660- Safat, 13017 - Safat, Kuwait (+965) 22411390 (+965) 22411054 E:Mail: qabasons@qualitynet.net

### JAPAN

NHK Jabsco Co Ltd, 3-21-10, Shin-Yokohama, Kohoku-ku,

Yokohama 222-0033 +81 (0) 45 475 8906 +81 (0) 45 477 1162 Fax:

#### **MALAYSIA**

**Overseas** 

Motor Corp (KL) Sdn bhd 29-3 Jalan Loke Yew 55200 Kuala Lumpur Wilayah, Persekutuan *Tel:* +60 3 9221 0411 +60 3 9221 3634

E:Mail: info@overseasmotorcorp.com ronnie oes@hotmail.com www.overseasmotorcorp.com

BRAZIL

#### **MALDIVES**

Seagull Group Pvt Ltd

"Narugis" Chaandhanee Magu PO Box 20191

Male', Maldives Tel: +960 332 6539 +960 3325336

E:Mail: info@seagullmaldives.com Web: www.seagullmaldives.com

#### NEW ZEALAND

Lusty and Blundell Ltd

38 Tawa Drive Albany 0632 Private Bag Takapuna

Aukland 0622 +64 09 415 8303 +64 09 415 8304

E:Mail: sales@lusty-blundell.co.nz Web: www.lusty-blundell.co.nz

#### **OMAN**

OHI Marine LLC

PO Box 889 Muscat 113

+968 712 240 +968 712 085 Fax:

#### **PHILIPPINES**

**ARGENTINA** 

Trimer

Del Arca 55

San Fernando

**BAHAMAS** 

PO Box SS-5453

East Bay St.

Marlin Marine

1425 - Puerto de Bs. As.

Capital Federal, Argentina

011-4312-4545

Fax: 4312-5258

E:Mail: info@costanerauno.com.ar

+54 11 4580 0444

+54 11 4580 0440

+1 (242) 393 7873

+1 (242) 393 0066

E:Mail: trimer@trimer.com.ar

Av. Ramón S Castillo y Calle

Paleeno Ap Inc. Marine Tehnology Center Aduana Cor., Arzobispo St.

Intramuros, Manila 1002 +632 527 9044 +632 527 9051

E:Mail: info@paleeno.com

#### **SINGAPORE**

Overseas Motors (Pte) Ltd 19 Fourth Chin Bee Road

Singapore 619705 +65 6264 7288 +65 6264 7189 E:Mail: sales@oseamo.com www.oseamo.com

#### SOUTH AFRICA

Manex & Marine Power (Pty) Ltd

PO Box 173 Paarden Eiland 7420
Tel: +27 21511 7292 +27 21510 1487 E:Mail: manex@manex.co.za Web: www.manex.co.za

#### **SOUTH KOREA**

Jonghap

Marine Engineering Inc 188-38, DongSam-Dong,

YoungDo-Ku, Pusan, Korea

+82-51-403-2381 +82-51-403-2409

E-Mail: jmepusan@jonghap-jme.co.kr www.jonghap-jme.co.kr

#### TAIWAN

**Jabsco Marine Distributors in South America** 

Nassau

Nassau

**BARBADOS** 

Carlisle House

**BERMUDA** 

15 Gorham Road

Hamilton HM CX

Bridge Town

God Power International Ltd

www.godpower.com.tw

No. 9-32, Nay Keng Road Koahsiung Hsien

+886 7 7885322 Tel: +886 7 7885320 E:Mail: gp.marine@msa.hinet.net

Lightbourne Marine

PO Box N4894, East Bay St

Tel: +1 242 (393) 5549 Fax: +1 (242) 393 6236

Harbourside Marine

PO BOX N4867, East Bay St.

+1 242 (393) 0262 +1 242 (394) 7659

Carter's Fisherman's Corner

+1 246 (436) 6846

Bermuda Marine Supply

+1 441 295 9950

#### **THAILAND**

Thai Kolon Co. Ltd

1093/78 16th Floor Central City Tower Moo 12, Bangna-Trad Road Bangna, Bangkok 10260 Tel: +66 2 745 6468-76 +66 2 745 6152 E:Mail: thkolon@ji-net.com www.thaikolon.com

#### **UNITED ARAB EMIRATES**

Mohammad H. Kambar Awazi Est. P.O.Box:704

Dubai, U.A.E +971 4 2222464 +971 4 2229858

+971 4 2224617 Exalto Emirates,

Wassit Road Industrial Area VI, PO Box 21567, Sharjah +971 (0) 6 5420597 +971 (0) 6 5421423 Email: info@exalto-emirates.com Web: www.exalto-emirates.com

Sun-Set Marine Equipment L.L.C

P.O. Box: 55445, Abu Dhabi, U.A.E

+971 - 2 - 645 8885 +971 - 2 - 645 8886 E:Mail: ssmarine@emirates.net.ae

Abu Dhabi Marine Equipment Post Box 4164,

E:Mail: boatadme@emirates.net.ae

+55 11 3030 3400

+55 11 814 7015

+284 (494) 2359

+284 (494) 2959

+56 2 699 4979

+56 2 672 5523

E:Mail: jalyon.cia@terra.cl

Clarence Thomas Ltd.

www.regatta.com.br

BRITISH VIRGIN ISLANDS

Abu Dhabi 009712 6732300 009712 6732301

**BRAZIL** 

Regatta

Sao Paolo

10 CTL Ave.

Pasea Estate

Fax:

CHILE

Lyon

Road Town, Tortola

Huerfanos 2204

Santiago de Chile

Rua Alvarenga 2121

#### **COLOMBIA**

Equisnautica CII 49B 67-38 Medellin

+57 4 260 9259 +57 4 430 0430 E:Mail: equisnautica@epm.net.co

#### COSTA RICA

Instrumar San Jose

+506 (296) 0847 +506 296 0847 Fax:

#### **ECUADOR**

Artipsec

La libertad, calle 15 s/n entre Av 5 y 7 Peninsula de Santa Eleña Ecuador

593-4-278-4971 E: Mail: gerencia@artipesca.com.ec

#### **GUATEMALA**

Representaciones Marinas de Guatemala S.A.

4a Ave. 10-46 Zona 10

+502 (2379) 8206 +502 (2379) 8200 Fax:

Pesqueros de Guatemala SA 9 Calle 0-10 Zona 9

Guatemala City +502 (2437) 1058 +502 (2331) 4602

#### **MEXICO**

Boats & Golf, S.A. de C.V.

Plaza Las Palmas Loc. 11 Av. Urano 585, Esq. Ejercito Mexicano Boca del Rio, Veracruz +52 229 923 0210

#### Motonautica Torre

Carretera a Progresso Km 9 Merida, Yucatan +52 999 941 2041

Jabsco Marine Distributors in South America

+52 999 941 2076 Ferreteria Zaragoza

Francisco Medina Ascencio 1600. Colonia Olimpica. C.P. 48330 Puerto Vallarta, Jalisco

+52 322 222 1436 +52 322 222 3736

Equipesca de Obregon, S.A. de C.V.

Nicolas Bravo 1055 Ote. CP 85000 Ciudad Obregon, Sonora +52 (644) 410 7500

+52 (644) 410 7501

#### NETHERLANDS ANTILLES Budget Marine-St. Martin

Waterfront Rd. 25B Cole Bay

Philipsburg, St. Martin *Tel:* +599 (544) 3134 *Fax:* +599 544 4409

#### **PANAMA**

Centro Marino AVE. NACIONAL NO. 45

Panama City +507 (225) 6331 +507 227 1526

Abernathy S.A. Centro de Pesca, Lanchay y Mar

Urbanizacion Los Angeles, Via Transistmica Panama +507 (260) 1222 Fax: +507 236 0140

## **PERU**

Swisscorp

Centro ejecutivo Pardo Bologneso 125, Of. 1201 Miraflores, Lima 18 Tel: +511 447 8161

E:Mail: gvalentin@swisscorp.com.pe

#### **PUERTO RICO**

CEA

655 Ponce de Leon, Stop 36 San Juan PR 00919-0664 +1 (787) 751 6570 +1 (787) 759 9466

#### SANTO DOMINGO

Auto Marina- Caribbean Marine Center

Av. Los Proceres #2 Esq. Euclides Morillo Rep. Dominican

+1 (809) 565 6576

#### ST MAARTEN

Island Water World

PO Box 234 Wellsberg Rd Cole Bay Philipsburg St. Maarten, N. A. +599 544 5310 +599 544 3299 Fax: **Budget Marine** Waterfront Rd. 25B Cole Bay Philipsburg *Tel:* +599 544 3134

#### **TRINIDAD**

**Budget Marine-Trinidad** 

Western Main Rd. Chaguaramas

Tel: +1 (868) 634 2006 Fax: +1 (868) 634 4382

#### **URUGUAY** Lesa SA

Libres 1574 11100-Montevideo Tel: +598 203 1111

E:Mail: gustavolema@bombaslesa.com

#### **US VIRGIN ISLANDS Island Marine Outfitters**

3812 Crown Bay St. Thomas, USVI 00802 +1 (340) 776 3170

+1 340 776 8123

#### **VENEZUELA** Tornillos El Capitán

1a Transversal Urb. Miramar

Maiquetía +58 212 331 0242 +58 212 331 6934

E:Mail: info@tornilloselcapitan.com Web: www.tornilloselcapitan.com Vemasca

Porlamar Isla Mararita +58 95 64 1646

+58 95 64 2529 Ralph Gonzalez Calle 77 No. 3G-39 Maracaibo

+58 261 791 4287 +58 261 791 0944

## Inches to Centimetres / Celcius to Fahrenheit

## **Inches to Centimetres**

inches	cm	inches	cm	inches	cm	inches	cm	inches	cm	inches	cm
0.50	1.27	17.50	44.45	34.50	87.63	51.50	130.81	68.50	173.99	85.50	217.17
1.00	2.54	18.00	45.72	35.00	88.90	52.00	132.08	69.00	175.26	86.00	218.44
1.50	3.81	18.50	46.99	35.50	90.17	52.50	133.35	69.50	176.53	86.50	219.71
2.00	5.08	19.00	48.26	36.00	91.44	53.00	134.62	70.00	177.80	87.00	220.98
2.50	6.35	19.50	49.53	36.50	92.71	53.50	135.89	70.50	179.07		222.25
3.00	7.62	20.00	50.80	37.00	93.98	54.00	137.16	71.00	180.34	87.50	
3.50	8.89	20.50	52.07	37.50	95.25	54.50	138.43	71.50	181.61	88.00	223.52
4.00	10.16	21.00	53.34	38.00	96.52	55.00	139.70	72.00	182.88	88.50	224.79
4.50	11.43	21.50	54.61	38.50	97.79	55.50	140.97	72.50	184.15	89.00	226.06
5.00	12.70	22.00	55.88	39.00	99.06	56.00	142.24	73.00	185.42	89.50	227.33
5.50	13.97	22.50	57.15	39.50	100.33	56.50	143.51	73.50	186.69	90.00	228.60
6.00	15.24	23.00	58.42	40.00	101.60	57.00	144.78	74.00	187.96	90.50	229.87
6.50	16.51	23.50	59.69	40.50	102.87	57.50	146.05	74.50	189.23	91.00	231.14
7.00	17.78	24.00	60.96	41.00	104.14	58.00	147.32	75.00	190.50		
7.50	19.05	24.50	62.23	41.50	105.41	58.50	148.59	75.50	191.77	91.50	232.41
8.00	20.32	25.00	63.50	42.00	106.68	59.00	149.86	76.00	193.04	92.00	233.68
8.50	21.59	25.50	64.77	42.50	107.95	59.50	151.13	76.50	194.31	92.50	234.95
9.00	22.86	26.00	66.04	43.00	109.22	60.00	152.40	77.00	195.58	93.00	236.22
9.50	24.13	26.50	67.31	43.50	110.49	60.50	153.67	77.50	196.85	93.50	237.49
10.00	25.40	27.00	68.58	44.00	111.76	61.00	154.94	78.00	198.12	94.00	238.76
10.50	26.67	27.50	69.85	44.50	113.03	61.50	156.21	78.50	199.39	94.50	240.03
11.00	27.94	28.00	71.12	45.00	114.30	62.00	157.48	79.00	200.66	95.00	241.30
11.50	29.21	28.50	72.39	45.50	115.57	62.50	158.75	79.50	201.93		
12.00	30.48	29.00	73.66	46.00	116.84	63.00	160.02	80.00	203.20	95.50	242.57
12.50	31.75	29.50	74.93	46.50	118.11	63.50	161.29	80.50	204.47	96.00	243.84
13.00	33.02	30.00	76.20	47.00	119.38	64.00	162.56	81.00	205.74	96.50	245.11
13.50	34.29	30.50	77.47	47.50	120.65	64.50	163.83	81.50	207.01	97.00	246.38
14.00	35.56	31.00	78.74	48.00	121.92	65.00	165.10	82.00	208.28	97.50	247.65
14.50	36.83	31.50	80.01	48.50	123.19	65.50	166.37	82.50	209.55	98.00	248.92
15.00	38.10	32.00	81.28	49.00	124.46	66.00	167.64	83.00	210.82	98.50	250.19
15.50	39.37	32.50	82.55	49.50	125.73	66.50	168.91	83.50	212.09	99.00	251.46
16.00	40.64	33.00	83.82	50.00	127.00	67.00	170.18	84.00	213.36	99.50	252.73
16.50	41.91	33.50	85.09	50.50	128.27	67.50	171.45	84.50	214.63		
17.00	43.18	34.00	86.36	51.00	129.54	68.00	172.72	85.00	215.90	100.00	254.00

## **Celsius and Fahrenheit**

°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
-10.00	14.00	8.50	47.30	27.00	80.60	45.50	113.90	64.00	147.20	82.50	180.50
-9.50	14.90	9.00	48.20	27.50	81.50	46.00	114.80	64.50	148.10	83.00	181.40
-9.00	15.80	9.50	49.10	28.00	82.40	46.50	115.70	65.00	149.00	83.50	182.30
-8.50	16.70	10.00	50.00	28.50	83.30	47.00	116.60	65.50	149.90	84.00	183.20
-8.00	17.60	10.50	50.90	29.00	84.20	47.50	117.50	66.00	150.80	84.50	184.10
-7.50	18.50	11.00	51.80	29.50	85.10	48.00	118.40	66.50	151.70	85.00	185.00
-7.00	19.40	11.50	52.70	30.00	86.00	48.50	119.30	67.00	152.60	85.50	185.90
-6.50	20.30	12.00	53.60	30.50	86.90	49.00	120.20	67.50	153.50	86.00	186.80
-6.00	21.20	12.50	54.50	31.00	87.80	49.50	121.10	68.00	154.40	86.50	187.70
-5.50	22.10	13.00	55.40	31.50	88.70	50.00	122.00	68.50	155.30	87.00	188.60
-5.00	23.00	13.50	56.30	32.00	89.60	50.50	122.90	69.00	156.20	87.50	189.50
-4.50	23.90	14.00	57.20	32.50	90.50	51.00	123.80	69.50	157.10	88.00	190.40
-4.00	24.80	14.50	58.10	33.00	91.40	51.50	124.70	70.00	158.00	88.50	191.30
-3.50	25.70	15.00	59.00	33.50	92.30	52.00	125.60	70.50	158.90	89.00	192.20
-3.00	26.60	15.50	59.90	34.00	93.20	52.50	126.50	71.00	159.80	89.50	193.10
-2.50	27.50	16.00	60.80	34.50	94.10	53.00	127.40	71.50	160.70	90.00	194.00
-2.00	28.40	16.50	61.70	35.00	95.00	53.50	128.30	72.00	161.60	90.50	194.90
-1.50	29.30	17.00	62.60	35.50	95.90	54.00	129.20	72.50	162.50	91.00	195.80
-1.00	30.20	17.50	63.50	36.00	96.80	54.50	130.10	73.00	163.40	91.50	196.70
-0.50	31.10	18.00	64.40	36.50	97.70	55.00	131.00	73.50	164.30	92.00	197.60
0.00	32.00	18.50	65.30	37.00	98.60	55.50	131.90	74.00	165.20	92.50	198.50
0.50	32.90	19.00	66.20	37.50	99.50	56.00	132.80	74.50	166.10	93.00	199.40
1.00	33.80	19.50	67.10	38.00	100.40	56.50	133.70	75.00	167.00	93.50	200.30
1.50	34.70	20.00	68.00	38.50	101.30	57.00	134.60	75.50	167.90	94.00	201.20
2.00	35.60	20.50	68.90	39.00	102.20	57.50	135.50	76.00	168.80	94.50	202.10
2.50	36.50	21.00	69.80	39.50	103.10	58.00	136.40	76.50	169.70	95.00	203.00
3.00	37.40	21.50	70.70	40.00	104.00	58.50	137.30	77.00	170.60	95.50	203.90
3.50	38.30	22.00	71.60	40.50	104.90	59.00	138.20	77.50	171.50	96.00	204.80
4.00	39.20	22.50	72.50	41.00	105.80	59.50	139.10	78.00	172.40	96.50	205.70
4.50	40.10	23.00	73.40	41.50	106.70	60.00	140.00	78.50	173.30	97.00	206.60
5.00	41.00	23.50	74.30	42.00	107.60	60.50	140.90	79.00	174.20	97.50	207.50
5.50	41.90	24.00	75.20	42.50	108.50	61.00	141.80	79.50	175.10	98.00	208.40
6.00	42.80	24.50	76.10	43.00	109.40	61.50	142.70	80.00	176.00	98.50	209.30
6.50	43.70	25.00	77.00	43.50	110.30	62.00	143.60	80.50	176.90	99.00	210.20
7.00	44.60	25.50	77.90	44.00	111.20	62.50	144.50	81.00	177.80	99.50	211.10
7.50	45.50	26.00	78.80	44.50	112.10	63.00	145.40	81.50	178.70	100.00	212.00
8.00	46.40	26.50	79.70	45.00	113.00	63.50	146.30	82.00	179.60		

## US Gallons to litres to Imperial Gallons

## US Gallons (usg) to Litres to UK Imperial Gallons (ig)

US Gallons	Litres	Imperial Gallons	US Gallons	Litres	Imperial Gallons	US Gallons	Litres	Imperial Gallons
10	38	8	680	2574	566	1350	5110	1124
20	76	17	690	2612	575	1360	5148	1132
30	114	25	700	2650	583	1370	5186	1141
40	151	33	710	2688	591	1380	5224	1149
50	189	42	720	2725	600	1390	5262	1157
60	227	50	730	2763	608	1400	5300	1166
70	265	58	740	2801	616	1410	5337	1174
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38230-0012	17	46400-0012	27	51520-9001	106	59510-0012	76	9200-0023	69		
38230-0024	17	46400-0014	27	51580-2001	59	59520-0000	76	9200-0023	68		
3890-9011	101	46400-0375	27	51580-9001	58	59530-0000	76	9200-0023-P	68		
39-24	45	46400-9500	27	51S	37	60000-0000	90	9700-01	113		
401C	64	46DR	64	52040-2001	106	60000-0024	90	9710-200	105		
401C	64	4732-0000	61	52200-2011	105	60010-2012	89	98024-0000	69		
401FC	64	47DR	64	52220-0011	104	60010-2024	89	98040-0520	88		
403C	64	49PWC	39	52270-0011	104	60020-0000	89	98A	75		
403C	64	50070-0040	133	52270-2011	104	60020-0024	89	98A-24	75		
403FC	64	50070-0080	133	52580-2001	105	60080-0012	89	9970-200	113		
405C	64	50070-0200	133	52580-9001	103	60080-0024	89	A53D	80		
405C	64	50095-1000	75	52600-0092	23	60233-0012	87	A53S	80		
405FC	64	50095-1000	52	52600-0094	23	60233-0024	87	A53S-24	80		
40A	44	50200-2011	57	52600-0292	23	6050-0003	79	H53SP-24	80		
40FA	44	50200-2111	57	52600-0294	23	6050-0013	79	iD20	78		

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