



PHENOLIC BEARINGS

Tolerances

Bearing I.D.	O.D. Tolerance (p6)
Metric	Metric
20 mm - 35 mm	+0.026mm - +0.042mm
38 mm	+0.032mm - +0.051mm
40 mm - 45 mm	+0.032mm - +0.051mm
50 mm - 60 mm	+0.032mm - +0.051mm
65 mm - 75 mm	+0.037mm - +0.059mm
80 mm - 95 mm	+0.037mm - +0.059mm
96 mm - 100 mm	+0.043mm - +0.068mm
105 mm - 110 mm	+0.043mm - +0.068mm
115 mm - 125 mm	+0.043mm - +0.068mm
135 mm	+0.043mm - +0.068mm
140 mm - 150 mm	+0.050mm - +0.079mm
155 mm - 160 mm	+0.050mm - +0.079mm
165 mm - 170 mm	+0.050mm - +0.079mm
175 mm - 180 mm	+0.050mm - +0.079mm
190 mm - 260 mm	+0.056mm - +0.088mm

High-Performance Water Lubricated Aqualube Bearings

Michigan Wheel's Aqualube bearings offer a high quality solution for water lubricated shaft applications. Aqualube bearings are designed with longitudinal

grooves that form a hydrodynamic wedge, or water film, between the shaft and the bearing, even during slow speed operation. This water film is capable of absorbing shock, and reducing vibration and noise.

Aqualube bearings are built from chemical and oil resistant nitrile rubber, and are available with brass and non-metallic (Phenolic) shells to fit many applications. Every bearing is inspected to ensure quality. Michigan Wheel stocks a large inventory of common sizes, and special sizes are available upon request.

Why Buy Aqualube Phenolic Bearings?

All Aqualube bearings are engineered to be compatible with metric or imperial shaft tolerances. 100% of the bearings produced are inspected for quality and must meet Michigan's strict quality standards before they are released to our customers. Phenolic shells are less reactive and can help reduce chances of corrosion in some applications such as aluminum hulls.

Available in Metric & Imperial Sizes.

Phenolic, Brass, and Flanged styles available.

Unsure if this is the right bearing for you? Contact your local Michigan Wheel Distributor, or the Michigan Wheel team to review your application.

Excellence in Propulsion

AQUALUBE PHENOLIC SPECIFICATIONS

DIAMETER		HUB DIMENSIONS (INCHES)			DIAMETER		HUB DIMENSIONS (INCHES)			DIAMETER		HUB DIMENSIONS (INCHES)		
PART No.	MATERIAL	I.D.	O.D.	LENGTH	PART No.	MATERIAL	I.D.	O.D.	LENGTH	PART No.	MATERIAL	I.D.	O.D.	LENGTH
961020	Phenolic	3/4	1-1/4	3	962120	Phenolic	2-1/4	3	9	963340	Phenolic	5	6-1/2	20
961060	Phenolic	7/8	1-1/4	3-1/2	962140	Phenolic	2-1/4	3-1/8	9	963360	Phenolic	5-1/4	6-3/4	21
961070	Phenolic	7/8	1-3/8	3-1/2	962160	Phenolic	2-1/4	3-3/8	9	963370	Phenolic	5-1/4	7	21
961080	Phenolic	7/8	1-1/2	3-1/2	962220	Phenolic	2-3/8	3-3/8	9-1/2	963400	Phenolic	5-3/8	6-3/4	21-1/2
961102	Phenolic	1	1-1/4	4	962320	Phenolic	2-1/2	3-1/8	10	963410	Phenolic	5-3/8	7	21-1/2
961110	Phenolic	1	1-3/8	4	962330	Phenolic	2-1/2	3-1/4	10	963420	Phenolic	5-1/2	7	22
961120	Phenolic	1	1-1/2	4	962340	Phenolic	2-1/2	3-3/8	10	963440	Phenolic	5-1/2	7-1/4	22
961130	Phenolic	1	1-5/8	4	962350	Phenolic	2-1/2	3-1/2	10	963500	Phenolic	5-5/8	7	22-1/2
961150	Phenolic	1	2	4	962420	Phenolic	2-5/8	3-3/8	10-1/2	963620	Phenolic	5-3/4	7	23
961300	Phenolic	1-1/8	1-1/2	4-1/2	962520	Phenolic	2-3/4	3-3/8	11	963660	Phenolic	5-7/8	7-1/2	24
961320	Phenolic	1-1/8	1-5/8	4-1/2	962530	Phenolic	2-3/4	3-1/2	11	963720	Phenolic	6	7-1/2	24
961340	Phenolic	1-1/8	1-3/4	4-1/2	962540	Phenolic	2-3/4	3-3/4	11	AMNM025	Phenolic	25mm	40mm	100mm
961360	Phenolic	1-1/8	2	4-1/2	962580	Phenolic	2-7/8	3-3/4	12	AMNM028	Phenolic	28mm	42mm	112mm
961500	Phenolic	1-1/4	1-1/2	5	962620	Phenolic	3	3-3/4	12	AMNM030	Phenolic	30mm	45mm	120mm
961540	Phenolic	1-1/4	1-3/4	5	962640	Phenolic	3	4	12	AMNM032	Phenolic	32mm	45mm	128mm
961560	Phenolic	1-1/4	2	5	962680	Phenolic	3-1/8	4-1/4	12-1/2	AMNM035	Phenolic	35mm	50mm	140mm
961580	Phenolic	1-1/4	2-1/8	5	962720	Phenolic	3-1/4	4	13	AMNM038	Phenolic	38mm	55mm	152mm
961700	Phenolic	1-3/8	1-7/8	5-1/2	962740	Phenolic	3-1/4	4-1/4	13	AMNM040	Phenolic	40mm	55mm	160mm
961720	Phenolic	1-3/8	2	5-1/2	962780	Phenolic	3-3/8	4-1/2	13-1/2	AMNM045	Phenolic	45mm	65mm	180mm
961740	Phenolic	1-3/8	2-1/8	5-1/2	962820	Phenolic	3-1/2	4-1/4	14	AMNM050	Phenolic	50mm	70mm	200mm
961760	Phenolic	1-3/8	2-3/8	5-1/2	962840	Phenolic	3-1/2	4-1/2	14	AMNM055	Phenolic	55mm	75mm	220mm
961800	Phenolic	1-1/2	2	6	962880	Phenolic	3-5/8	4-1/2	14-1/2	AMNM060	Phenolic	60mm	80mm	240mm
961820	Phenolic	1-1/2	2-3/8	6	962920	Phenolic	3-3/4	4-1/2	15	AMNM065	Phenolic	65mm	85mm	260mm
961860	Phenolic	1-5/8	2-1/8	6-1/2	962940	Phenolic	3-3/4	5	15	AMNM070	Phenolic	70mm	90mm	280mm
961870	Phenolic	1-5/8	2-5/8	6-1/2	962960	Phenolic	3-3/4	5-1/4	15	AMNM075	Phenolic	75mm	95mm	300mm
961900	Phenolic	1-3/4	2-3/8	7	962980	Phenolic	3-7/8	5-1/4	15-1/2	AMNM080	Phenolic	80mm	100mm	320mm
961920	Phenolic	1-3/4	2-1/2	7	963020	Phenolic	4	5	16	AMNM085	Phenolic	85mm	105mm	340mm
961940	Phenolic	1-3/4	2-5/8	7	963040	Phenolic	4	5-1/4	16	AMNM090	Phenolic	90mm	110mm	360mm
961960	Phenolic	1-7/8	2-5/8	7-1/2	963060	Phenolic	4-1/8	5-1/4	16-1/2	AMNM095	Phenolic	95mm	115mm	380mm
961970	Phenolic	1-7/8	2-15/16	7-1/2	963080	Phenolic	4-1/4	5-1/2	17	AMNM100	Phenolic	100mm	125mm	400mm
962000	Phenolic	2	2-5/8	8	963100	Phenolic	4-3/8	5-3/4	17-1/2	AMNM105	Phenolic	105mm	130mm	420mm
962010	Phenolic	2	2-3/4	8	963120	Phenolic	4-1/2	5-1/2	18	AMNM110	Phenolic	110mm	135mm	440mm
962020	Phenolic	2	3	8	963140	Phenolic	4-1/2	5-3/4	18	AMNM115	Phenolic	115mm	145mm	520mm
962060	Phenolic	2-1/8	2-15/16	8-1/2	963180	Phenolic	4-5/8	6-1/8	18-1/2	AMNM120	Phenolic	120mm	155mm	480mm
962070	Phenolic	2-1/8	3-1/8	8-1/2	963200	Phenolic	4-3/4	6-1/8	19	AMNM130	Phenolic	130mm	170mm	520mm
962100	Phenolic	2-1/4	2-15/16	9	963220	Phenolic	4-7/8	6-1/8	19-1/2					



Aqualube bearings are molded from a specially compounded oil and chemical resistant nitrile rubber. The nitrile rubber displays an excellent resistance to wear and abrasion and is also tough and durable. Bonded techniques developed by Michigan Wheel ensure that the strength of the bond to the shell is at least equal to the strength of the rubber itself.