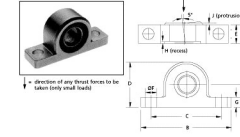




MBA

Housings - Bearing - Blocks - Bronze Bearing



The performance of a plain bearing is stated as a PV value, which is the product of a pressure and velocity. Using the PV value shown in the bearing data, the formula is:

$N/mm^2 \cdot m/s$

f_n = total load in Newtons
 D = bearing length in mm
 n = rpm

$PV = \frac{f_n}{D \cdot n}$

60,000
 Max. PV factor is 1.8.

Aluminium with 5 percent self aligning sintered bronze bearing.

Bearing: Bronze SAE 840 (oil impregnated). / Housing: Sintered Aluminium / Corrosion Resistant.

Mating shaft recommendation: Min. hardening 100 HRB (Rockwell B). Max surface finish 16 RMS.

Recommended shaft clearance is 0.013 - 0.038mm, using lower limit of bore tolerance.

Maximum Load and Speed: The figure shown in the plain bearing data are maximums, for guidance only, and cannot be combined.

The performance of a plain bearing is stated as a PV value, which is the product of a pressure and velocity.

Housings - Bearing - Blocks - Bronze Bearing

Part Number	I.D. Nominal mm	Centre Height (A) mm	Length (B) mm	Height (D) mm	Width (E) mm	Mtg. Hole Size (F) mm	Max. Speed rpm	Max. Radial Load N	Recess (H) mm	Bolt Hole Centres (C) mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>	<i>inches</i>
# PB-6M-B	6.00 <i>0.236</i>	14.30 <i>0.563</i>	57.15 <i>2.250</i>	28.58 <i>1.125</i>	9.80 <i>0.386</i>	7.14 <i>0.281</i>	9666	475	0.64 <i>0.025</i>	44.45 <i>1.750</i>
# PB-8M-B	8.00 <i>0.315</i>	14.30 <i>0.563</i>	57.15 <i>2.250</i>	28.58 <i>1.125</i>	11.00 <i>0.433</i>	7.14 <i>0.281</i>	7273	715	0.64 <i>0.025</i>	44.45 <i>1.750</i>
# PB-10M-B	10.00 <i>0.394</i>	14.30 <i>0.563</i>	57.15 <i>2.250</i>	28.58 <i>1.125</i>	11.00 <i>0.433</i>	7.14 <i>0.281</i>	5819	894	0.64 <i>0.025</i>	44.45 <i>1.750</i>

Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

Housings - Bearing - Blocks - Bronze Bearing

Part Number	I.D. Nominal mm	Centre Height (A) mm	Length (B) mm	Height (D) mm	Width (E) mm	Mtg. Hole Size (F) mm	Max. Speed rpm	Max. Radial Load N	Recess (H) mm	Bolt Hole Centres (C) mm
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>			<i>inches</i>	<i>inches</i>
# PB-12M-B	12.00	14.30	57.15	28.58	16.00	7.14	4833	1519	1.02	44.45
	<i>0.472</i>	<i>0.563</i>	<i>2.250</i>	<i>1.125</i>	<i>0.630</i>	<i>0.281</i>			<i>0.040</i>	<i>1.750</i>

Indicates item not stocked at time of printing - Please enquire for lead time

E&OE Pricing and all details subject to change without notice - Copyright Miniature Bearings Australia Pty Ltd

MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.



DISTRIBUTED BY

Ask us to put your name and address here

<http://www.minibearings.com.au/product>

Ph +61 7 3245 7977

Fax +61 7 3245 1017

Catalogue requests to catalogues@minibearings.com.au
