



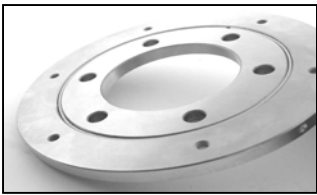
Flat mounted table bearing  
**FMB**



*Accuracy in a Smaller, Simpler, Package*

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**PM - BEARINGS**



**Structure and features**

PM introduces the new compact precision table FMB-table series, a rotary table bearing to provide high performance circular motion in as small a package as possible. FMB bearings are currently available in sizes up to 500mm OD. FMB bearings... [Accuracy in a Smaller, Simpler, Package](#)

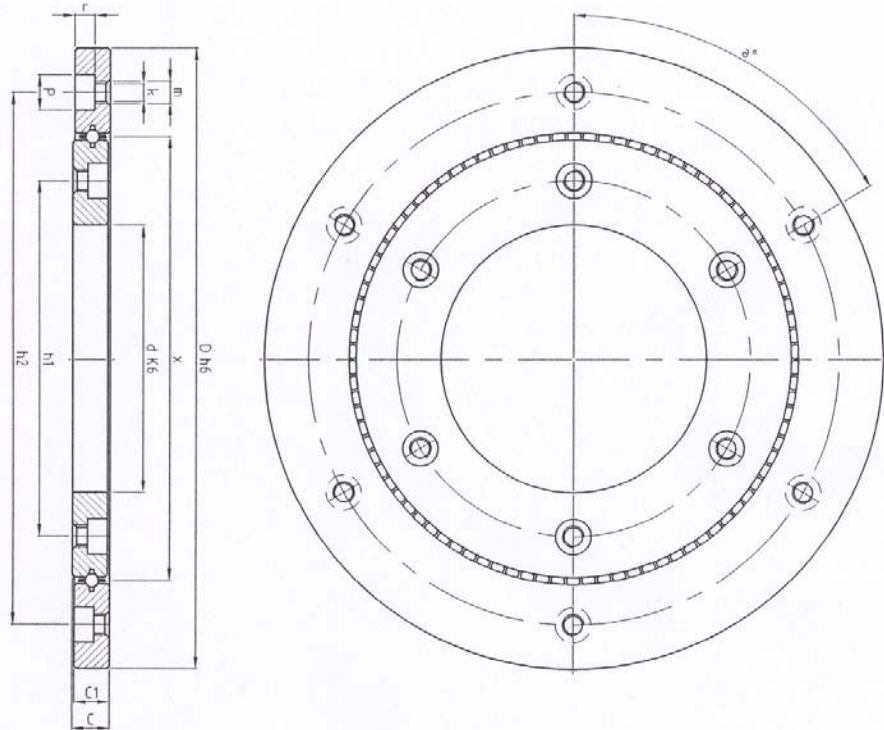
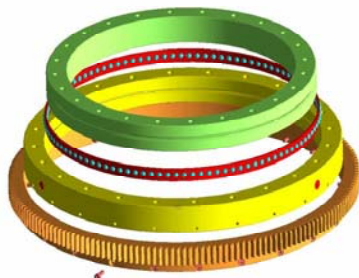
The precision table bearing consist of two through-hardened standard bearing steel rings, a Teflon filled plastic cage and complement of super precision steel balls. The specially designed raceways increase load capacity and stiffness in moment loading while guaranteeing high precision, longer service lifetime and very low coefficient of friction.

**Space saving design**

This bearing makes it possible to reduce the size of many precision rotary bearing systems. The FMB's compact design, as low as 8mm high can replace a double back or face mounted angular contact bearing pair at a substantial savings of space and cost.

**Specials available**

Example: design for driving gears



Part no.	D h6	d K6	C	C1	h1	h2	x	m	k	p	r	a°	Load rating C dyn (N)
<b>FMB-40.120</b>	120	40			60	100	80					45°	6075
<b>FMB-60.140</b>	140	60			80	120	100					45°	7047
<b>FMB-80.160</b>	160	80	8.5	8	100	140	120	M5	4.3	8	4.5	45°	8100
<b>FMB-100.180</b>	180	100			120	160	140					30°	9153
<b>FMB-120.200</b>	200	120			140	180	160					30°	10.125
<b>FMB-140.220</b>	220	140			160	200	180					30°	11.178
<b>FMB-150.250</b>	250	150	10.5	10	175	225	200	M6	5.2	9.5	5.5	30°	12.717
<b>FMB-200.300</b>	300	200			225	275	250					30°	15.228
<b>FMB-250.350</b>	350	250	12.5	12	275	325	300	M6	5.2	9.5	5.5	30°	20.331

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