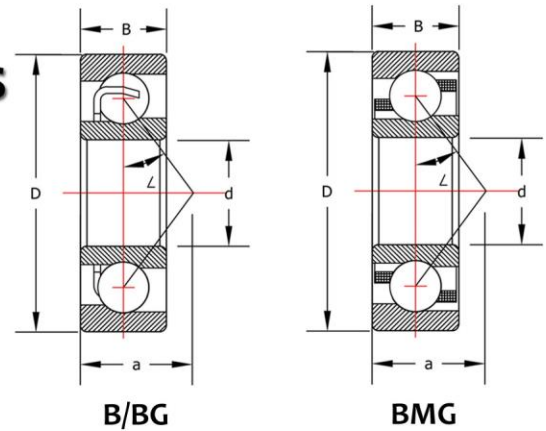


## 7200/7300 Angular Contact Series

The 7200/7300 Series is a light/medium duty single row angular contact series used in applications that call for thrust or combination thrust and radial loads. Standard production is made with 40° contact angle (B Suffix) but can also be produced with a 25° contact angle (A Suffix) or a 15° angle (C Suffix). Retainers are made of steel (B/BG) or brass (BMG). Non-metallic cages can be produced upon request.



Bore Diameter (d)	Outside Diameter (D)	Width (B)	Bearing Designation	Dynamic Load C (Lbs)	Static Load Co (Lbs)	Limiting Speed Grease (RPM)	Limiting Speed Oil (RPM)	Weight Lbs
10mm	30mm	9mm	7200B	1113	562	19000	28000	0.070
12mm	32mm	10mm	7201B	1664	843	17000	24000	0.100
15mm	35mm	11mm	7202B	1675	877	16000	22000	0.110
	42mm	13mm	7302B	2900	1461	14000	19000	0.200
17mm	40mm	12mm	7203B	2473	1371	14000	19000	0.160
	40mm	12mm	7203BG	2472	1371	14000	19000	0.160
	47mm	14mm	7303B	3327	1821	12000	17000	0.270
20mm	47mm	14mm	7204B	3170	1888	11000	16000	0.250
	47mm	14mm	7204BG	3169	1888	11000	16000	0.250
	47mm	14mm	7204BMG	3169	1888	11000	16000	0.260
	52mm	15mm	7304B	3889	2181	10000	15000	0.340
	52mm	15mm	7304BMG	3889	2180	10000	15000	0.350
25mm	52mm	15mm	7205B	3485	2271	9500	14000	0.300
	52mm	15mm	7205BG	3484	2270	9500	14000	0.300
	52mm	15mm	7205BMG	3484	2270	9500	14000	0.310
	62mm	17mm	7305B	5485	3282	8500	12000	0.540
	62mm	17mm	7305BMG	5485	3282	8500	12000	0.550
30mm	62mm	16mm	7206B	4608	3057	8500	12000	0.460
	62mm	16mm	7206BG	4608	3057	8500	12000	0.460
	62mm	16mm	7206BMG	4608	3057	8500	12000	0.470
	72mm	19mm	7306B	6587	4271	7500	10000	0.800
	72mm	19mm	7306BG	6586	4271	7500	10000	0.800
	72mm	19mm	7306BMG	6586	4271	7500	10000	0.810
35mm	72mm	17mm	7207B	6407	4451	7500	10000	0.650
	72mm	17mm	7207BG	6407	4451	7500	10000	0.650
	72mm	17mm	7207BMG	6407	4451	7500	10000	0.660
	80mm	21mm	7307B	8250	5463	7000	9500	1.050
	80mm	21mm	7307BMG	8250	5462	7000	9500	1.070
40mm	80mm	18mm	7208B	9037	5171	7500	10000	0.850
	80mm	18mm	7208BG	7216	5170	6700	9000	0.850
	80mm	18mm	7208BMG	7216	5170	6700	9000	0.860
	90mm	23mm	7308B	10071	6812	6300	8500	1.450
	90mm	23mm	7308BMG	10071	6811	6300	8500	1.490
45mm	85mm	19mm	7209B	8116	5890	6300	8500	0.950
	85mm	19mm	7209BG	8115	5889	6300	8500	0.950
	85mm	19mm	7209BMG	8115	5889	6300	8500	0.970
	100mm	25mm	7309B	13106	9015	5600	7500	1.930

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# TRITAN®

PRECISION POWER TRANSMISSION COMPONENTS

# 7200 Series

## 7200/7300 Angular Contact Series



Bore Diameter (d)	Outside Diameter (D)	Width (B)	Bearing Designation	Dynamic Load C (Lbs)	Static Load Co (Lbs)	Limiting Speed Grease (RPM)	Limiting Speed Oil (RPM)	Weight Lbs
50mm	90mm	20mm	7210B	1664	843	17000	24000	1.070
	90mm	20mm	7210BG	8407	6429	5600	7500	1.070
	90mm	20mm	7210BMG	8407	6429	5600	7500	1.120
	110mm	27mm	7310B	15332	10768	5000	6700	2.510
	110mm	27mm	7310BMG	15331	10768	5000	6700	2.510
55mm	100mm	21mm	7211BG	10386	8138	5300	7000	1.400
	100mm	21mm	7211BMG	10386	8138	5300	7000	1.450
	120mm	29mm	7311BMG	17714	12679	4500	6000	3.200
60mm	110mm	22mm	7212BG	12656	10048	4800	6300	1.810
	110mm	22mm	7212BMG	12656	10048	4800	6300	1.817
	130mm	31mm	7312BMG	20232	14724	4300	5600	3.990
65mm	120mm	23mm	7213BG	14297	11802	4300	5600	2.250
	120mm	23mm	7213BMG	14297	11802	4300	5600	2.420
	140mm	33mm	7313BMG	22705	16928	4000	5300	4.900
70mm	125mm	24mm	7214BMG	15534	12993	4300	5600	2.470
	150mm	35mm	7314BMG	25628	19333	3800	5000	5.950
75mm	130mm	25mm	7215BG	16815	14207	4000	5300	2.710
	130mm	25mm	7215BMG	16815	14207	4000	5300	2.830
	160mm	37mm	7315BMG	28101	21918	3400	4500	6.950
80mm	140mm	26mm	7216BMG	18097	15579	3800	5000	3.990
	170mm	39mm	7316BMG	30349	24504	3200	4300	8.490
85mm	150mm	28mm	7217BMG	20929	18232	3400	4500	4.120
	180mm	41mm	7317BMG	32597	27426	3000	4000	9.990
90mm	160mm	30mm	7218BMG	24054	21087	3200	4300	5.070
	190mm	43mm	7318BMG	35070	30349	2800	3800	11.70
95mm	170mm	32mm	7219BMG	26077	22705	3000	4000	6.130
	200mm	45mm	7319BMG	37767	33721	2600	3600	13.50
100mm	180mm	34mm	7220BMG	29000	26077	2800	3800	7.320
	215mm	47mm	7320BMG	42713	40015	2400	3400	16.60
110mm	200mm	38mm	7222BMG	34395	32597	2400	3400	11.22
	240mm	50mm	7322BMG	55752	51481	2000	3000	24.53
120mm	215mm	40mm	7224BMG	36000	35998	2100	2800	14.08
	260mm	55mm	7324BMG	58000	53100	2050	2500	31.68
130mm	230mm	40mm	7226BMG	39100	42100	1800	2500	15.95
140mm	250mm	42mm	7228BMG	42938	47209	1700	2400	19.91
150mm	270mm	45mm	7230BMG	43837	49907	1700	2400	24.42

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