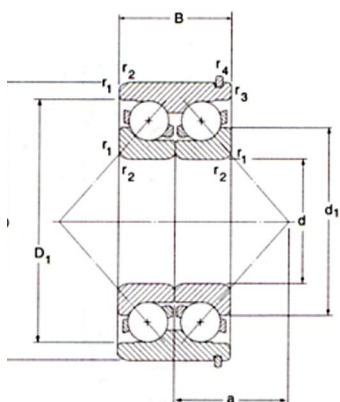


5300-UPG Series Double Row Angular Contact Ball Bearings

MRC Bearing Services



5300 UPG series bearings are a specialized double row angular contact design developed specifically for pump applications. The bearings are capable of carrying axial loads in either direction, radial loads, or a combination of both. Machined brass cages, ABEC 3 tolerances, 40 degree contact angle and reduced ("CB") end play are standard features selected to improve performance for these bearings.

The MRC 5300 UPG is "The Pump Bearing"

MRC Bearing Number	Bore		Outside Diameter D		Width B		Fillet Radius ¹⁾ r _f		Basic Radial Load Rating				Speed Rating	
	d mm	in	mm	in	mm	in	mm	in	Dynamic C _d ²⁾		Static C _s		Grease RPM	Oil RPM
									N	lbf	N	lbf		
5308UPG	40	1.5748	90	3.5433	36.5	1.4370	1.5	0.0591	49 400	11 110	41 500	9 330	5 000	6 700
5309UPG	45	1.7717	100	3.9370	39.7	1.5630	1.5	0.0591	61 800	13 890	52 000	11 690	4 500	6 000
5310UPG	50	1.9685	110	4.3307	44.4	1.7480	2.0	0.0787	81 900	18 410	69 500	15 620	4 000	5 300
5311UPG	55	2.1654	120	4.7244	49.2	1.9370	2.0	0.0787	95 600	21 490	83 000	18 660	3 800	5 000
5313UPG	65	2.5591	140	5.5118	58.7	2.3110	2.1	0.0827	138 000	31 000	122 000	27 400	3 200	4 300

Fillet radius indicates maximum fillet radius on shaft or in housing which bearing corner will clear.
Rating for one million revolutions or 500 hours at 33¹/₃ RPM.