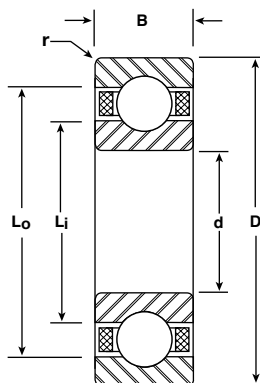




Metric Series

Radial

Bore Sizes 60-85 mm



BASIC P/N	BORE d		O.D. D		WIDTH B		LAND DIAMETER (REFERENCE)		FILLET RADIUS r	BALL COMPLEMENT		LOAD RATINGS LBS	
	mm	INCH	mm	INCH	mm	INCH	Li	Lo		NO.	SIZE INCH	DYN. C	STATIC Co
							INCH	INCH					
R-1812	60	2.3622	78	3.0709	10	.3937	2.584	2.848	.012	22	7/32	2600	2400
R-1912	60	2.3622	85	3.3465	13	.5118	2.666	3.042	.039	17	5/16	4500	3800
R-112	60	2.3622	95	3.7402	18	.7087	2.788	3.314	.043	12	7/16	6800	5050
R-212	60	2.3622	110	4.3307	22	.8661	2.970	3.722	.059	10	5/8	11700	8050
R-312	60	2.3622	130	5.1181	31	1.2205	3.213	4.266	.083	8	7/8	18300	11100
R-1813	65	2.5591	85	3.3465	10	.3937	2.821	3.084	.024	23	7/32	2600	2500
R-1913	65	2.5591	90	3.5433	13	.5118	2.863	3.239	.039	18	5/16	4600	4100
R-113	65	2.5591	100	3.9370	18	.7087	2.985	3.511	.043	13	7/16	7100	5550
R-213	65	2.5591	120	4.7244	23	.9055	3.228	4.055	.059	10	11/16	13900	9700
R-313	65	2.5591	140	5.5118	33	1.2992	3.471	4.599	.083	8	15/16	20700	13500
R-1814	70	2.7559	90	3.5433	10	.3937	3.018	3.281	.024	25	7/32	2700	2700
R-1914	70	2.7559	100	3.9370	16	.6299	3.139	3.553	.039	17	11/32	5250	4650
R-114	70	2.7559	110	4.3307	20	.7874	3.242	3.844	.043	13	1/2	9150	7200
R-214	70	2.7559	125	4.9213	24	.9449	3.424	4.252	.059	10	11/16	13900	9850
R-314	70	2.7559	150	5.9055	35	1.3780	3.729	4.932	.083	8	1	23300	15400
R-1815	75	2.9528	95	3.7402	10	.3937	3.214	3.478	.024	26	7/32	2750	2800
R-1915	75	2.9528	105	4.1339	16	.6299	3.317	3.768	.039	17	3/8	5550	6200
R-115	75	2.9528	115	4.5276	20	.7874	3.440	4.041	.043	14	1/2	7800	9500
R-215	75	2.9528	130	5.1181	25	.9843	3.621	4.449	.059	10	11/16	10000	13900
R-315	75	2.9528	160	6.2992	37	1.4567	3.986	5.265	.083	8	1-1/16	17400	26000
R-1816	80	3.1496	100	3.9370	10	.3937	3.411	3.674	.024	28	7/32	2850	3000
R-1916	80	3.1496	110	4.3307	16	.6299	3.514	3.965	.039	17	3/8	5600	6100
R-116	80	3.1496	125	4.9213	22	.8661	3.697	4.373	.043	13	9/16	9100	11300
R-216	80	3.1496	140	5.5118	26	1.0236	3.879	4.782	.079	10	3/4	11900	16200
R-316	80	3.1496	170	6.6929	39	1.5354	4.244	5.598	.083	8	1-1/8	19500	28800
R-1817	85	3.3465	110	4.3307	13	.5118	3.669	4.007	.039	24	9/32	4200	4300
R-1917	85	3.3465	120	4.7244	18	.7087	3.772	4.298	.043	16	7/16	7800	6950
R-117	85	3.3465	130	5.1181	22	.8661	3.893	4.570	.043	13	9/16	11000	9050
R-217	85	3.3465	150	5.9055	28	1.1024	4.137	5.114	.079	10	13/16	18400	13600
R-317	85	3.3465	180	7.0866	41	1.6142	4.539	5.893	.118	8	1-1/8	28500	19600

Notes:

1. Metric series radial ball bearings are typically manufactured from 52100 chrome steel to ABEC 3, 5 and 7 tolerances per ABMA Standard 20.
2. Fillet Radius (r) is the maximum shaft or housing fillet radius that bearing corners will clear.