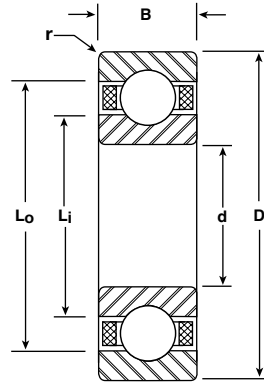


Metric Series

Radial

Bore Sizes 30-55 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	DYN. C	STATIC Co
							INCH	INCH	INCH				
R-1806	30	1.1811	42	1.6535	7	.2756	1.342	1.492	.012	20	1/8	880	700
R-1906	30	1.1811	47	1.8504	9	.3543	1.384	1.649	.012	13	7/32	2050	1350
R-106	30	1.1811	55	2.1654	13	.5118	1.504	1.842	.039	11	9/32	2900	1850
R-206	30	1.1811	62	2.4409	16	.6299	1.585	2.037	.039	9	3/8	4350	2500
R-306	30	1.1811	72	2.8346	19	.7480	1.707	2.308	.043	8	1/2	6600	3700
R-1807	35	1.3780	47	1.8504	7	.2756	1.539	1.689	.012	22	1/8	910	760
R-1907	35	1.3780	55	2.1654	10	.3937	1.665	1.942	.024	13	1/4	2600	1750
R-107	35	1.3780	62	2.4409	14	.5512	1.721	2.097	.039	11	5/16	3550	2300
R-207	35	1.3780	72	2.8346	17	.6693	1.824	2.388	.043	8	15/32	5950	3400
R-307	35	1.3780	80	3.1496	21	.8268	1.925	2.602	.059	8	9/16	8200	4700
R-1808	40	1.5748	52	2.0472	7	.2756	1.735	1.886	.012	25	1/8	970	860
R-1908	40	1.5748	62	2.4409	12	.4724	1.857	2.158	.024	14	1/4	2550	1800
R-108	40	1.5748	68	2.6772	15	.5906	1.900	2.351	.039	10	3/8	4650	2950
R-208	40	1.5748	80	3.1496	18	.7087	2.061	2.663	.043	9	1/2	7250	4450
R-308	40	1.5748	90	3.5433	23	.9055	2.183	2.935	.059	8	5/8	9900	5850
R-1809	45	1.7717	58	2.2835	7	.2756	1.953	2.103	.012	28	1/8	1000	950
R-1909	45	1.7717	68	2.6772	12	.4724	2.055	2.393	.024	15	9/32	3450	2650
R-109	45	1.7717	75	2.9528	16	.6299	2.136	2.587	.039	12	3/8	5200	3600
R-209	45	1.7717	85	3.3465	19	.7480	2.277	2.841	.043	9	1/2	7275	4525
R-309	45	1.7717	100	3.9370	25	.9843	2.440	3.268	.059	8	11/16	11800	7100
R-1810	50	1.9685	65	2.5591	7	.2756	2.169	2.357	.012	25	5/32	1400	1295
R-1910	50	1.9685	72	2.8346	12	.4724	2.232	2.570	.024	16	9/32	3600	2850
R-110	50	1.9685	80	3.1496	16	.6299	2.333	2.784	.039	13	3/8	5450	4000
R-210	50	1.9685	90	3.5433	20	.7874	2.455	3.056	.043	10	1/2	7800	5200
R-310	50	1.9685	110	4.3307	27	1.0630	2.698	3.600	.079	8	3/4	13800	8500
R-1811	55	2.1654	72	2.8346	9	.3543	2.387	2.612	.012	23	3/16	1950	1850
R-1911	55	2.1654	80	3.1496	13	.5118	2.469	2.845	.039	16	5/16	4350	3550
R-111	55	2.1654	90	3.5433	18	.7087	2.591	3.117	.043	12	7/16	6900	4950
R-211	55	2.1654	100	3.9370	21	.8268	2.712	3.389	.059	10	9/16	9650	6550
R-311	55	2.1654	120	4.7244	29	1.1417	2.956	3.933	.079	8	13/16	16000	10000

Notes:

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