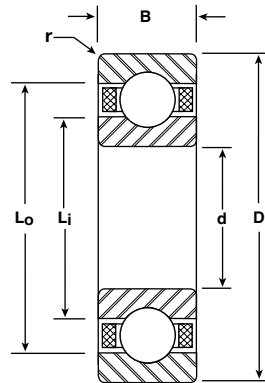


Metric Series

Radial

Bore Sizes 90-130 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-1818	90	3.5433	115	4.5276	13	.5118	3.866	4.204	.039	25	9/32	4250	4450
R-1918	90	3.5433	125	4.9213	18	.7087	3.969	4.495	.043	17	7/16	8000	7450
R-118	90	3.5433	140	5.5118	24	.9449	4.151	4.903	.059	13	5/8	13300	11100
R-218	90	3.5433	160	6.2992	30	1.1811	4.394	5.447	.079	10	7/8	21000	15700
R-318	90	3.5433	190	7.4803	43	1.6929	4.797	6.226	.118	8	1-3/16	31400	21800
R-1819	95	3.7402	120	4.7244	13	.5118	4.063	4.401	.039	26	9/32	4350	4650
R-1919	95	3.7402	130	5.1181	18	.7087	4.165	4.692	.043	18	7/16	8400	8100
R-119	95	3.7402	145	5.7087	24	.9449	4.348	5.100	.059	13	5/8	13500	11400
R-219	95	3.7402	170	6.6929	32	1.2598	4.652	5.780	.083	10	15/16	24300	18400
R-319	95	3.7402	200	7.8740	45	1.7717	5.055	6.559	.118	8	1-1/4	35100	24700
R-1820	100	3.9370	125	4.9213	13	.5118	4.259	4.598	.039	27	9/32	4450	4850
R-1920	100	3.9370	140	5.5118	20	.7874	4.423	5.025	.043	17	1/2	10500	9900
R-120	100	3.9370	150	5.9055	24	.9449	4.545	5.297	.059	14	5/8	14100	12400
R-220	100	3.9370	180	7.0866	34	1.3386	4.910	6.113	.083	10	1	27300	20900
R-1821	105	4.1339	130	5.1181	13	.5118	4.456	4.795	.039	28	9/32	4500	5000
R-1921	105	4.1339	145	5.7087	20	.7874	4.620	5.222	.043	17	1/2	10400	9950
R-121	105	4.1339	160	6.2992	26	1.0236	4.802	5.630	.079	13	11/16	16100	13800
R-221	105	4.1339	190	7.4803	36	1.4173	5.167	6.446	.083	10	1-1/16	30500	23500
R-1822	110	4.3307	140	5.5118	16	.6299	4.714	5.128	.039	25	11/32	6200	6800
R-1922	110	4.3307	150	5.9055	20	.7874	4.817	5.418	.043	18	1/2	10700	10600
R-122	110	4.3307	170	6.6929	28	1.1024	5.060	5.963	.079	13	3/4	18900	16300
R-222	110	4.3307	200	7.8740	38	1.4961	5.425	6.779	.079	10	1-1/8	33900	26300
R-1824	120	4.7244	150	5.9055	16	.6299	5.108	5.521	.039	27	11/32	6450	7300
R-1924	120	4.7244	165	6.4961	22	.8661	5.273	5.947	.043	17	9/16	12800	12700
R-124	120	4.7244	180	7.0866	28	1.1024	5.454	6.356	.079	14	3/4	19700	17900
R-224	120	4.7244	215	8.4646	40	1.5748	5.917	7.271	.079	10	1-1/8	33700	26900
R-1826	130	5.1181	165	6.4961	18	.7087	5.563	6.052	.043	25	13/32	8400	9500
R-1926	130	5.1181	180	7.0866	24	.9449	5.726	6.478	.059	17	5/8	15600	15600
R-126	130	5.1181	200	7.8740	33	1.2992	5.971	7.023	.079	13	7/8	25000	22300
R-226	130	5.1181	230	9.0551	40	1.5748	6.372	7.801	.098	10	1-3/16	37200	30100

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.