

ROLLWAY® Radial Bearings

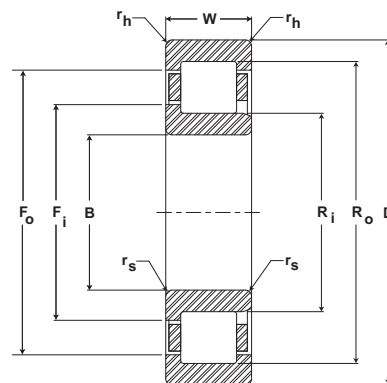


Basic Construction Type: Cylindrical Roller Bearing

Rolling Elements: Crowned Cylindrical Rollers

Bearing Material: Through Hardened Bearing Grade Steel

Retainer Type: Stamped Steel, Segmented Steel, Two Piece Brass, One Piece Land Riding Brass



Cylindrical Roller Bearings

B	D	W	Rs	Rh	C	Co	Fi	Ri	Fo	Ro	Bearing Weight
Bore	Outside Diameter	Width	Corner*		Basic Dynamic Rating	Basic Static Rating	Flange O.D. Inner Race	O.D. Inner Race	Flange I.D. Outer Race	I.D. Outer Race	
mm inch	mm inch	mm inch	mm inch	mm inch	N/lb	N/lb	mm inch	mm inch	mm inch	mm inch	kg lb
110 4.3307	170 6.6929	28 1.1024	2.5 .098	2.0 .079	160,115 35,740	230,586 51,470	130.8 5.150	125.3 4.933	149.0 5.866	154.7 6.091	2.3 5.1
	200 7.8740	38 1.4961	2.0 .079	2.0 .079	298,547 66,640	376,320 84,000	141.7 5.579	132.5 5.217	170.9 6.728	180.5 7.106	5.1 11.2
		53 2.0866	4.0 .157	2.0 .079	242,816 54,200	308,851 68,940	141.6 5.575	132.9 5.232	168.4 6.630	176.1 6.933	5.5 12.1
		69.9 2.7500	2.0 .079	2.0 .079	389,984 87,050	530,566 118,430	141.7 5.579	132.5 5.217	170.9 6.728	180.5 7.106	7.0 15.4
		80 3.1496	4.0 .157	2.0 .079	440,966 98,430	665,011 148,440	141.6 5.575	132.9 5.232	168.4 6.636	176.1 6.933	10.5 23.1
	240 9.4488	50 1.9685	2.5 .098	2.5 .098	440,563 98,340	510,138 113,870	155.8 6.134	143.0 5.630	197.4 7.772	211.0 8.307	11.2 24.6
		80 3.1496	4.7 .185	2.5 .098	410,502 91,630	499,565 111,510	157.5 6.201	145.3 5.720	195.4 7.693	206.3 8.122	11.4 25.1
		92.1 3.6250	2.5 .098	2.5 .098	652,333 145,610	844,973 188,610	155.8 6.134	143.0 5.630	197.4 7.772	211.0 8.307	17.9 39.4
		104.8 4.1250	4.7 .185	2.5 .098	765,274 170,820	1,112,698 248,370	157.5 6.201	145.3 5.720	195.4 7.692	206.3 8.122	23.2 51.0
		120.8 4.7559	4.7 .185	2.5 .098	435,635 97,240	515,782 115,130	162.3 6.390	149.6 5.890	202.7 7.980	215.5 8.484	9.3 20.5
		140.8 5.5433	4.7 .185	2.5 .098	435,635 97,240	515,782 115,130	162.3 6.390	149.6 5.890	202.7 7.980	215.5 8.484	12.7 27.9
	180 7.0866	28 1.1024	3.2 .126	2.0 .079	153,798 34,330	223,059 49,790	141.2 5.559	135.2 5.323	158.9 6.256	164.5 6.476	2.5 5.5
		46 1.8110	3.2 .126	2.0 .079	241,875 53,990	399,347 89,140	141.2 5.559	135.3 5.328	158.9 6.256	164.5 6.476	4.2 9.2
		40 1.5748	2.0 .079	2.0 .079	345,901 77,210	441,101 98,460	153.4 6.039	143.5 5.650	185.1 7.287	195.5 7.697	6.4 14.1
		58 2.2835	4.7 .185	2.0 .079	286,227 63,890	376,634 84,070	154.3 6.075	145.1 5.713	182.7 7.193	190.9 7.516	6.4 14.1
		76.2 3.0000	2.0 .079	2.0 .079	481,555 107,490	674,957 150,660	153.4 6.039	143.5 5.650	185.1 7.287	195.5 7.697	18.6 40.9
		86 3.3858	4.7 .185	2.0 .079	557,357 124,410	887,309 198,060	154.3 6.075	145.1 5.713	182.7 7.194	190.9 7.516	11.8 26.0
		104.8 4.1250	2.5 .098	2.5 .098	539,258 120,370	630,067 140,640	168.7 6.642	154.0 6.063	214.8 8.457	230.0 9.055	14.4 31.7
		120.8 4.7559	6.4 .252	2.5 .098	435,277 97,160	520,262 116,130	170.2 6.701	157.0 6.181	211.2 8.315	223.0 8.780	14.5 31.9
		140.8 5.5433	2.5 .098	2.5 .098	804,966 179,680	1,054,637 235,410	168.7 6.642	154.0 6.063	214.8 8.457	230.0 9.055	22.3 49.1
		160.8 6.3307	6.4 .252	2.5 .098	852,858 190,370	1,235,315 275,740	170.2 6.701	157.0 6.181	211.2 8.256	223.0 8.780	29.3 64.5

Radial Roller bearings and manufactured to the ABMA RBEC-1 tolerance class. Bearing manufactured to either RBEC-3, RBEC-5 or special tolerance classes are also available upon request.

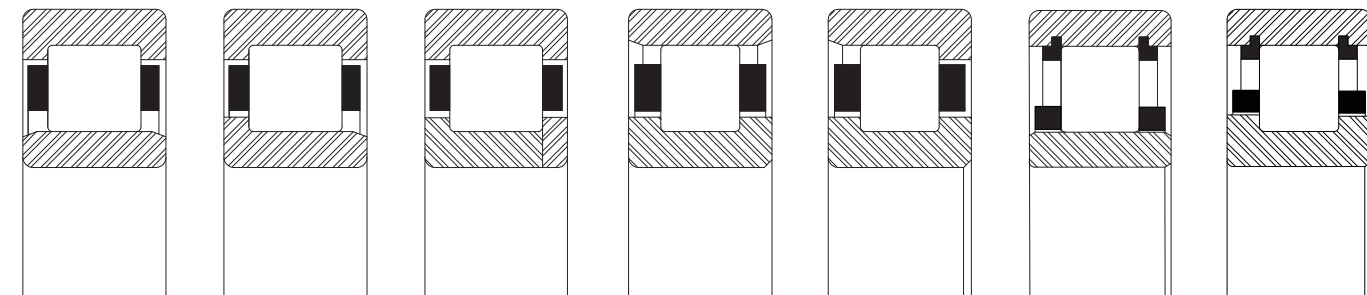
Unless otherwise specified all Rollway radial roller bearings are manufactured to ABMA's RBEC-1 precision class.

*rs and rh are the maximum shaft and housing fillet radius that can be cleared.

Metric dimensions for reference only.

Not all parts are available from stock. Please contact customer service for availability (800) 626-2120.

For more information on bearing capabilities outside of our standard offering, please contact Application Engineering (800) 626-2093.



Cylindrical Roller Bearings

	Inner Race Separable Both Directions	Inner Race Separable One Direction	Two Piece Inner Race Four-Flange Design	Outer Race Separable Both Directions	Outer Race Separable One Direction	Inner Race Separable Both Directions	Non-Separable
	E 1022 U	L 1022 U	LP 1022 U	U 1022 E	U 1022 L	E 1022 B	U 1022 B
	NU 222 E	NJ 222 E	NUP 222 E	N 222 E	-	-	-
	E 1222 U	L 1222 U	LP 1222 U	U 1222 E	U 1222 L	E 1222 B	E 1222 B
	NU 2222 E	NJ 2222 E	NUP 2222 E	N 2222 E	-	-	-
	E 5222 U	L 5222 U	LP 5222 U	U 5222 E	U 5222 L	E 5222 B	E 5222 B
	NU 322 E	NJ 322 E	NUP 322 E	N 322 E	-	-	-
	E 1322 U	L 1322 U	LP 1322 U	U 1322 E	U 1322 L	E 1322 B	E 1322 B
	NU 2322 E	NJ 2322 E	NUP 2322 E	N 2322 E	-	-	-
	E 5322 U	L 5322 U	LP 5322 U	U 5322 E	U 5322 L	E 5322 B	E 5322 B
	NU 323	NJ 323	NUP 323	N 323	-	-	-
	E 1323 U	L 1323 U	LP 1323 U	U 1323 E	U 1323 L	E 1323 B	E 1323 B
	E 1024 U	L 1024 U	LP 1024 U	U 1024 E	U 1024 L	E 1024 B	U 1014 B
	E 5024 U	L 5024 U	LP 5024 U	U 5024 E	U 5024 L	E 5024 B	E 5024 B
	NU 224 E	NJ 224 E	NUP 224 E	N 224 E	-	-	-
	E 1224 U	L 1224 U	LP 1224 U	U 1224 E	U 1224 L	E 1224 B	E 1224 B
	NU 2224 E	NJ 2224 E	NUP 2224 E	N 2224 E	-	-	-
	E 5224 U	L 5224 U	LP 5224 U	U 5224 E	U 5224 L	E 5224 B	E 5224 B
	NU 324 E	NJ 324 E	NUP 324 E	N 324 E	-	-	-
	E 1324 U	L 1324 U	LP 1324 U	U 1324 E	U 1324 L	E 1324 B	E 1324 B
	NU 2324 E	NJ 2324 E	NUP 2324 E	N 2324 E	-	-	-
	E 5324 U	L 5324 U	LP 5324 U	U 5324 E	U 5324 L	E 5324 B	E 5324 B