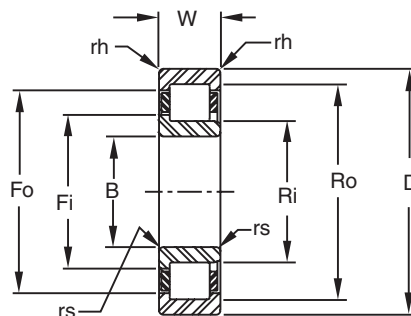


Cylindrical Radial Roller Bearings

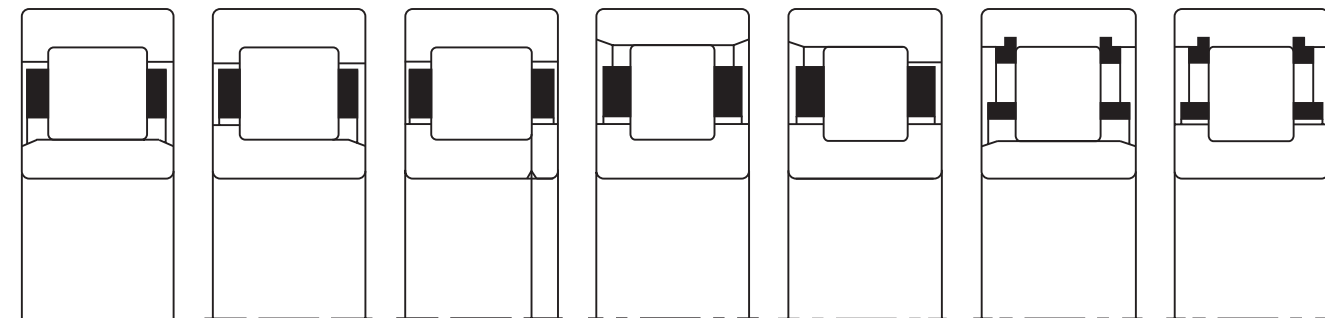


BORE		OUTSIDE DIAMETER		WIDTH		RADIUS		BASIC DYNAMIC CAPACITY	BASIC STATIC CAPACITY	FLANGE O.D. INNER RACE	O.D. INNER RACE	FLANGE I.D. OUTER RACE	I.D. OUTER RACE
B		D		W		rs	rh	POUNDS	POUNDS	Fi	Ri	Fo	Ro
MM	INCH	MM	INCH	MM	INCH	MM				MM			
30	1.1811	62	2.4409	16.0	0.6299	1.0	1.0	7,130	6,920	41.3	38.0	51.2	54.0
	1.1811	62	2.4409	23.8	0.9375	1.0	1.0	10,610	11,530	41.3	38.0	51.2	54.0
	1.1811	72	2.8346	19.0	0.7480	1.5	1.0	9,930	9,510	44.6	40.7	56.9	60.4
	1.1881	72	2.8346	30.2	1.1875	1.5	1.0	15,830	17,340	44.6	40.7	56.9	60.4
35	1.3780	72	2.8346	17.0	0.6693	1.0	1.0	8,550	8,280	48.0	44.0	59.4	62.4
	1.3780	72	2.8346	27.0	1.0625	1.0	1.0	13,960	15,570	48.0	44.0	59.4	62.4
	1.3780	72	2.8346	54.0	2.1250	1.0	1.0	23,930	31,130	48.0	44.0	59.4	62.4
	1.3780	80	3.1496	21.0	0.8268	1.5	1.0	14,990	14,820	51.2	46.2	65.4	70.2
	1.3780	80	3.1496	21.0	0.8268	1.5	1.5	12,980	13,300	51.1	46.8	64.2	67.9
	1.3780	80	3.1496	34.9	1.3750	1.5	1.5	19,620	22,640	51.1	46.8	64.2	67.9
40	1.5748	80	3.1496	18.0	0.7087	1.5	1.0	10,320	10,470	53.4	49.9	66.1	69.6
	1.5748	80	3.1496	30.2	1.1875	1.5	1.0	17,700	20,950	53.4	49.9	66.1	69.6
	1.5748	90	3.5433	23.0	0.9055	1.5	1.5	18,500	18,210	57.7	52.0	74.4	80.0
	1.5748	90	3.5433	23.0	0.9055	1.5	1.5	15,620	15,500	57.4	52.6	73.1	77.9
	1.5748	90	3.5433	36.5	1.4375	1.5	1.5	24,670	27,900	57.4	52.6	73.1	77.9
45	1.7717	85	3.3465	19.0	0.7480	1.5	1.0	14,190	15,060	59.1	54.5	72.1	76.5
	1.7717	85	3.3465	19.0	0.7480	1.5	1.0	11,480	12,400	59.4	55.5	71.5	74.9
	1.7717	85	3.3465	30.2	1.1875	1.5	1.0	18,310	22,600	59.4	55.5	71.5	74.9
	1.7717	100	3.9370	39.7	1.5625	2.0	1.5	30,580	36,580	64.8	59.4	81.3	86.1
	1.7717	100	3.9370	25.0	0.9843	1.5	1.5	22,380	22,900	64.6	58.5	82.5	88.5
	1.7717	100	3.9370	25.0	0.9843	2.0	1.5	19,710	20,800	64.8	59.4	81.3	86.1
50	1.9685	90	3.5433	20.0	0.7874	1.5	1.0	14,850	16,300	64.1	59.5	0.0	81.5
	1.9685	90	3.5433	20.0	0.7874	1.5	1.0	11,700	13,160	64.4	60.5	76.7	79.5
	1.9685	90	3.5433	30.2	1.1875	1.5	1.0	18,660	23,980	64.4	60.5	76.7	79.5
	1.9685	90	3.5433	60.3	2.3750	1.5	1.0	32,000	47,960	64.4	60.5	76.7	79.5
	1.9685	110	4.3307	27.0	1.0630	2.0	2.0	25,270	26,290	71.4	65.0	90.6	97.0
	1.9685	110	4.3307	27.0	1.0630	2.0	2.0	22,950	24,410	71.0	65.2	89.2	94.5
	1.9685	110	4.3307	40.0	1.5748	2.0	2.0	37,000	42,930	71.4	65.0	90.6	97.0
	1.9685	110	4.3307	44.5	1.7500	2.0	2.0	36,090	43,690	71.0	65.2	89.2	94.5
55	2.1654	100	3.9370	21.0	0.8268	2.0	1.5	19,410	22,380	70.9	66.0	85.2	90.0
	2.1654	100	3.9370	21.0	0.8268	2.0	1.5	14,580	16,840	71.1	66.9	84.2	88.0
	2.1654	100	3.9370	33.3	1.3125	2.0	1.5	23,630	31,330	71.1	66.9	84.2	88.0
	2.1654	120	4.7244	29.0	1.1417	2.0	2.0	31,150	32,700	77.6	70.5	99.3	106.5
	2.1654	120	4.7244	29.0	1.1417	2.0	2.0	25,960	27,620	77.9	71.4	97.8	103.6
	2.1654	120	4.7244	43.0	1.6929	2.0	2.0	45,440	53,140	77.6	70.5	99.3	106.5
	2.1654	120	4.7244	49.2	1.9375	2.0	2.0	44,510	55,140	77.9	71.4	97.8	103.6

Notes:

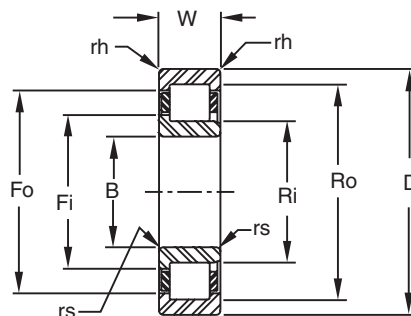
1. Some configurations may not be in production, check for availability.
2. Actual retainer options may vary, check for retainer design availability.
3. Corners rs and rh are the maximum shaft and housing fillet radius that can be cleared.

Cylindrical Radial 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 1206 U	L 1206 U	LP 1206 U	U 1206 E	U 1206 L	E 1206 B	U 1206 B
E 5206 U	L 5206 U	LP 5206 U	U 5206 E	U 5206 L	E 5206 B	U 5206 B
E 1306 U	L 1306 U	LP 1306 U	U 1306 E	U 1306 L	E 1306 B	U 1306 B
E 5306 U	L 5306 U	LP 5306 U	U 5306 E	U 5306 L	E 5306 B	U 5306 B
E 1207 U	L 1207 U	LP 1207 U	U 1207 E	U 1207 L	E 1207 B	U 1207 B
E 5207 U	L 5207 U	LP 5207 U	U 5207 E	U 5207 L	E 5207 B	U 5207 B
-	-	-	-	-	E 6207 B	-
NU 307 E	NJ 307 E	NUP 307 E	N 307 E	-	-	-
E 1307 U	L 1307 U	LP 1307 U	U 1307 E	U 1307 L	E 1307 B	U 1307 B
E 5307 U	L 5307 U	LP 5307 U	U 5307 E	U 5307 L	E 5307 B	U 5307 B
E 1208 U	L 1208 U	LP 1208 U	U 1208 E	U 1208 L	E 1208 B	U 1208 B
E 5208 U	L 5208 U	LP 5208 U	U 5208 E	U 5208 L	E 5208 B	U 5208 B
NU 308 E	NJ 308 E	NUP 308 E	N 308 E	-	-	-
E 1308 U	L 1308 U	LP 1308 U	U 1308 E	U 1308 L	E 1308 B	U 1308 B
E 5308 U	L 5308 U	LP 5308 U	U 5308 E	U 5308 L	E 5308 B	U 5308 B
NU 209 E	NJ 209 E	NUP 209 E	N 209 E	-	-	-
E 1209 U	L 1209 U	LP 1209 U	U 1209 E	U 1209 L	E 1209 B	U 1209 B
E 5209 U	L 5209 U	LP 5209 U	U 5209 E	U 5209 L	E 5209 B	U 5209 B
E 5309 U	L 5309 U	LP 5309 U	U 5309 E	U 5309 L	E 5309 B	U 5309 B
NU 309 E	NJ 309 E	NUP 309 E	N 309 E	-	-	-
E 1309 U	L 1309 U	LP 1309 U	U 1309 E	U 1309 L	E 1309 B	U 1309 B
NU 210 E	NJ 210 E	NUP 210 E	N 210 E	-	-	-
E 1210 U	L 1210 U	LP 1210 U	U 1210 E	U 1210 L	E 1210 B	U 1210 B
E 5210 U	L 5210 U	LP 5210 U	U 5210 E	U 5210 L	E 5210 B	U 5210 B
-	-	-	-	-	E 6210 B	-
NU 310 E	NJ 310 E	NUP 310 E	N 310 E	-	-	-
E 1310 U	L 1310 U	LP 1310 U	U 1310 E	U 1310 L	E 1310 B	U 1310 B
NU 2310 E	NJ 2310 E	NUP 2310 E	N 2310 E	-	-	-
E 5310 U	L 5310 U	LP 5310 U	U 5310 E	U 5310 L	E 5310 B	U 5310 B
NU 211 E	NJ 211 E	NUP 211 E	N 211 E	-	-	-
E 1211 U	L 1211 U	LP 1211 U	U 1211 E	U 1211 L	E 1211 B	U 1211 B
E 5211 U	L 5211 U	LP 5211 U	U 5211 E	U 5211 L	E 5211 B	U 5211 B
NU 311 E	NJ 311 E	NUP 311 E	N 311 E	-	-	-
E 1311 U	L 1311 U	LP 1311 U	U 1311 E	U 1311 L	E 1311 B	U 1311 B
NU 2311 E	NJ 2311 E	NUP 2311 E	N 2311 E	-	-	-
E 5311 U	L 5311 U	LP 5311 U	U 5311 E	U 5311 L	E 5311 B	U 5311 B

Cylindrical Radial Roller Bearings

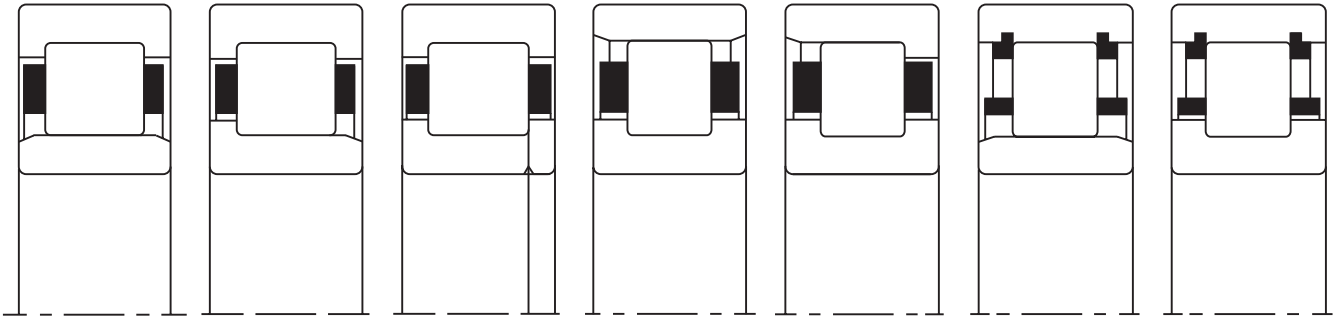


BORE		OUTSIDE DIAMETER		WIDTH		RADIUS		BASIC DYNAMIC CAPACITY	BASIC STATIC CAPACITY	FLANGE O.D. INNER RACE	O.D. INNER RACE	FLANGE I.D. OUTER RACE	I.D. OUTER RACE
B		D		W		rs	rh	POUNDS	POUNDS	Fi	Ri	Fo	Ro
MM	INCH	MM	INCH	MM	INCH	MM				MM			
60	2.3622	110	4.3307	22.0	0.8661	1.5	1.5	21,680	23,940	77.7	72.0	94.4	100.0
	2.3622	110	4.3307	22.0	0.8661	2.0	1.5	18,040	20,080	76.9	72.4	93.2	97.7
	2.3622	110	4.3307	36.5	1.4375	2.0	1.5	30,400	39,290	76.9	72.4	93.2	97.7
	2.3622	110	4.3307	73.0	2.8750	2.0	1.5	52,120	78,570	76.9	72.4	93.2	97.7
	2.3622	130	5.1181	31.0	1.2205	2.0	2.0	34,500	36,730	84.5	77.0	107.4	115.0
	2.3622	130	5.1181	31.0	1.2205	2.5	2.0	30,240	32,570	84.6	77.5	106.3	112.4
	2.3622	130	5.1181	46.0	1.8110	2.0	2.0	50,810	60,420	84.5	77.0	107.4	115.0
	2.3622	130	5.1181	54.0	2.1250	2.5	2.0	53,440	67,710	84.6	77.5	106.3	112.4
65	2.5591	120	4.7244	23.0	0.9055	1.5	1.5	24,730	27,720	84.6	78.5	102.5	108.5
	2.5591	120	4.7244	23.0	0.9055	2.5	1.5	20,860	24,920	85.3	80.4	101.2	105.7
	2.5591	120	4.7244	38.1	1.5000	2.5	1.5	20,860	24,920	85.3	80.4	101.2	105.7
	2.5591	140	5.5118	33.0	1.2992	2.0	2.0	41,230	44,240	90.7	82.5	116.1	124.5
	2.5591	140	5.5118	33.0	1.2992	2.5	2.0	35,720	39,080	90.7	82.5	114.7	120.2
	2.5591	140	5.5118	48.0	1.8898	2.0	2.0	56,230	65,930	90.7	82.5	116.1	124.5
	2.5591	140	5.5118	58.7	2.3125	2.5	2.0	65,530	81,950	90.7	82.5	114.7	120.2
	2.5591	140	5.5118	58.7	2.3125	2.5	2.0	65,530	81,950	90.7	82.5	114.7	120.2
70	2.7559	125	4.9213	24.0	0.9449	1.5	1.5	24,820	28,140	89.4	83.5	107.2	113.5
	2.7559	125	4.9213	24.0	0.9449	2.5	1.5	23,440	28,380	89.7	84.8	106.7	111.5
	2.7559	125	4.9213	31.0	1.2205	1.5	1.5	24,820	28,140	89.4	83.5	107.2	113.5
	2.7559	125	4.9213	39.7	1.5625	2.5	1.5	38,440	53,600	89.7	84.8	106.7	111.5
	2.7559	125	4.9213	79.4	3.1250	2.5	1.5	65,900	107,190	89.7	84.8	106.7	111.5
	2.7559	150	5.9055	35.0	1.3780	2.0	2.0	46,650	51,190	97.5	89.0	124.2	133.0
	2.7559	150	5.9055	35.0	1.3780	3.2	2.0	43,250	49,040	97.3	89.2	122.2	129.3
	2.7559	150	5.9055	51.0	2.0079	2.0	2.0	62,170	74,040	97.5	89.0	124.2	133.0
75	2.9528	115	4.5276	20.0	0.7874	2.0	1.0	13,830	17,660	89.2	85.2	101.0	104.9
	2.9528	130	5.1181	25.0	0.9843	1.5	1.5	29,840	36,370	94.5	88.5	112.3	118.5
	2.9528	130	5.1181	25.0	0.9843	2.5	1.5	23,350	28,560	94.4	89.0	111.0	115.7
	2.9528	130	5.1181	31.0	1.2205	1.5	1.5	36,950	47,870	94.5	88.5	112.3	118.5
	2.9528	130	5.1181	41.3	1.6250	2.5	1.5	40,030	57,120	94.4	89.0	111.0	115.7
	2.9528	160	6.2992	37.0	1.4567	2.0	2.0	54,720	60,570	104.2	95.0	133.4	143.0
	2.9528	160	6.2992	37.0	1.4567	3.2	2.0	43,010	47,240	104.5	95.9	131.4	139.1
	2.9528	160	6.2992	55.0	2.1654	2.0	2.0	54,720	60,570	104.2	95.0	133.4	143.0
80	3.1496	140	5.5118	26.0	1.0236	1.8	2.0	31,950	38,850	101.7	95.3	121.4	127.3
	3.1496	140	5.5118	26.0	1.0236	2.5	2.0	25,480	30,670	101.7	95.3	119.4	124.6
	3.1496	140	5.5118	33.0	1.2992	1.8	2.0	42,490	56,050	101.7	95.3	121.4	127.3
	3.1496	140	5.5118	44.5	1.7500	2.5	2.0	45,290	64,230	101.1	95.3	119.4	124.6
	3.1496	140	5.5118	88.9	3.5000	2.5	2.0	45,290	64,230	101.1	95.3	119.4	124.6
	3.1496	170	6.6929	39.0	1.5354	2.0	2.0	59,020	65,950	110.6	101.0	141.0	151.0
	3.1496	170	6.6929	39.0	1.5354	3.2	2.0	51,590	58,530	110.7	101.6	139.2	147.3
	3.1496	170	6.6929	39.0	1.5354	3.2	2.0	51,590	58,530	110.7	101.6	139.2	147.3

Notes:

1. Some configurations may not be in production, check for availability.
2. Actual retainer options may vary, check for retainer design availability.
3. Corners rs and rh are the maximum shaft and housing fillet radius that can be cleared.

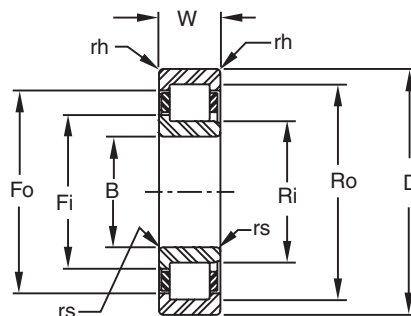
Cylindrical Radial Roller Bearings



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
NU 212 E	NJ 212 E	NUP 212 E	N 212 E	-	-	-
E 1212 U	L 1212 U	LP 1212 U	U 1212 E	U 1212 L	E 1212 B	U 1212 B
E 5212 U	L 5212 U	LP 5212 U	U 5212 E	U 5212 L	E 5212 B	U 5212 B
-	-	-	-	-	E 6212 B	-
NU 312 E	NJ 312 E	NUP 312 E	N 312 E	-	-	-
E 1312 U	L 1312 U	LP 1312 U	U 1312 E	U 1312 L	E 1312 B	U 1312 B
NU 2312 E	NJ 2312 E	NUP 2312 E	N 2312 E	-	-	-
E 5312 U	L 5312 U	LP 5312 U	U 5312 E	U 5312 L	E 5312 B	U 5312 B
NU 213 E	NJ 213 E	NUP 213 E	N 213 E	-	-	-
E 1213 U	L 1213 U	LP 1213 U	U 1213 E	U 1213 L	E 1213 B	U 1213 B
E 5213 U	L 5213 U	LP 5213 U	U 5213 E	U 5213 L	E 5213 B	U 5213 B
NU 313 E	NJ 313 E	NUP 313 E	N 313 E	-	-	-
E 1313 U	L 1313 U	LP 1313 U	U 1313 E	U 1313 L	E 1313 B	U 1313 B
NU 2313 E	NJ 2313 E	NUP 2313 E	N 2313 E	-	-	-
E 5313 U	L 5313 U	LP 5313 U	U 5313 E	U 5313 L	E 5313 B	U 5313 B
NU 214 E	NJ 214 E	NUP 214 E	N 214 E	-	-	-
E 1214 U	L 1214 U	LP 1214 U	U 1214 E	U 1214 L	E 1214 B	U 1214 B
NU 2214 E	NJ 2214 E	NUP 2214 E	N 2214 E	-	-	-
E 5214 U	L 5214 U	LP 5214 U	U 5214 E	U 5214 L	E 5214 B	U 5214 B
-	-	-	-	-	E 6214 B	-
NU 314 E	NJ 314 E	NUP 314 E	N 314 E	-	-	-
E 1314 U	L 1314 U	LP 1314 U	U 1314 E	U 1314 L	E 1314 B	U 1314 B
NU 2314 E	NJ 2314 E	NUP 2314 E	N 2314 E	-	-	-
E 5314 U	L 5314 U	LP 5314 U	U 5314 E	U 5314 L	E 5314 B	U 5314 B
E 1015 U	L 1015 U	LP 1015 U	U 1015 E	U 1015 L	-	-
NU 215 E	NJ 215 E	NUP 215 E	N 215 E	-	-	-
E 1215 U	L 1215 U	LP 1215 U	U 1215 E	U 1215 L	E 1215 B	U 1215 B
NU 2215 E	NJ 2215 E	NUP 2215 E	N 2215 E	-	-	-
E 5215 U	L 5215 U	LP 5215 U	U 5215 E	U 5215 L	E 5215 B	U 5215 B
NU 315 E	NJ 315 E	NUP 315 E	N 315 E	-	-	-
E 1315 U	L 1315 U	LP 1315 U	U 1315 E	U 1315 L	E 1315 B	U 1315 B
NU 2315 E	NJ 2315 E	NUP 2315 E	N 2315 E	-	-	-
E 5315 U	L 5315 U	LP 5315 U	U 5315 E	U 5315 L	E 5315 B	U 5315 B
NU 216 E	NJ 216 E	NUP 216 E	N 216 E	-	-	-
E 1216 U	L 1216 U	LP 1216 U	U 1216 E	U 1216 L	E 1216 B	U 1216 B
NU 2216 E	NJ 2216 E	NUP 2216 E	N 2216 E	-	-	-
E 5216 U	L 5216 U	LP 5216 U	U 5216 E	U 5216 L	E 5216 B	U 5216 B
-	-	-	-	-	E 6216 B	-
NU 316 E	NJ 316 E	NUP 316 E	N 316 E	-	-	-
E 1316 U	L 1316 U	LP 1316 U	U 1316 E	U 1316 L	E 1316 B	U 1316 B



Cylindrical Radial Roller Bearings

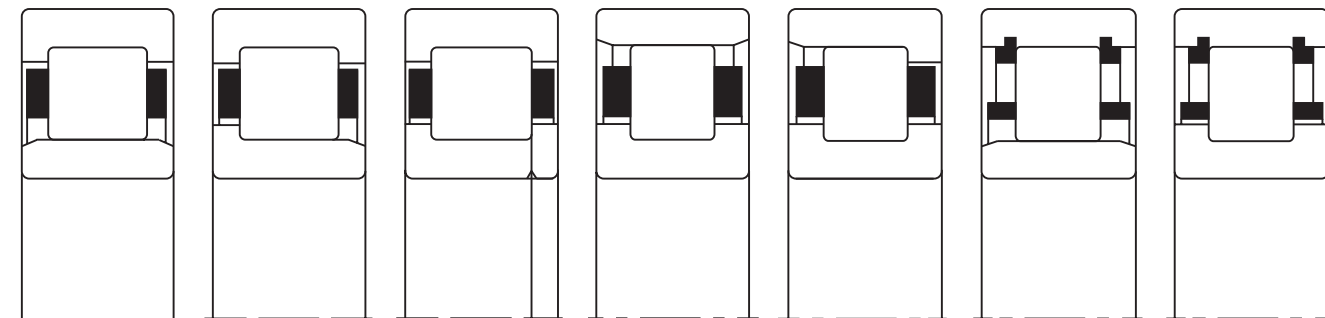


BORE		OUTSIDE DIAMETER		WIDTH		RADIUS		BASIC DYNAMIC CAPACITY	BASIC STATIC CAPACITY	FLANGE O.D. INNER RACE	O.D. INNER RACE	FLANGE I.D. OUTER RACE	I.D. OUTER RACE
B		D		W		rs	rh	POUNDS	POUNDS	Fi	Ri	Fo	Ro
MM	INCH	MM	INCH	MM	INCH	MM				MM			
80	3.1496	170	6.6929	58.0	2.2835	2.0	2.0	81,400	99,700	110.6	101.0	141.0	151.0
	3.1496	170	6.6929	68.3	2.6875	3.2	2.0	90,200	120,040	110.7	101.6	139.2	147.3
85	3.3465	130	5.1181	22.0	0.8661	2.0	1.0	20,120	27,290	100.8	96.3	113.9	118.7
	3.3465	150	5.9055	28.0	1.1024	2.0	2.0	37,930	45,530	107.6	100.5	129.3	136.5
	3.3465	150	5.9055	28.0	1.1024	3.2	2.0	31,040	37,940	108.5	102.0	128.4	134.1
	3.3465	150	5.9055	36.0	1.4173	2.0	2.0	49,220	63,640	107.6	100.5	129.3	136.5
	3.3465	150	5.9055	49.2	1.9375	3.2	2.0	55,960	80,940	108.5	102.0	128.4	134.1
	3.3465	180	7.0866	41.0	1.6142	2.5	2.5	63,470	71,680	118.0	108.0	149.6	160.0
	3.3465	180	7.0866	41.0	1.6142	4.0	2.5	52,360	58,040	118.2	108.5	148.6	157.3
	3.3465	180	7.0866	60.0	2.3622	2.5	2.5	84,940	104,260	118.0	108.0	149.6	160.0
	3.3465	180	7.0866	73.0	2.8750	4.0	2.5	100,450	134,110	118.2	108.5	148.6	157.3
90	3.5433	160	6.2992	30.0	1.1811	2.0	2.0	41,950	50,850	114.5	107.0	137.4	145.0
	3.5433	160	6.2992	30.0	1.1811	3.2	2.0	36,400	44,770	114.2	107.2	135.9	142.1
	3.5433	160	6.2992	40.0	1.5748	2.0	2.0	55,410	72,730	114.5	107.0	137.4	145.0
	3.5433	160	6.2992	52.4	2.0625	3.2	2.0	64,800	93,990	114.2	107.2	135.9	142.1
	3.5433	190	7.4803	43.0	1.6929	2.5	2.5	71,900	81,460	124.2	113.5	158.3	169.5
	3.5433	190	7.4803	43.0	1.6929	4.0	2.5	65,930	76,800	123.4	114.0	156.2	165.3
	3.5433	190	7.4803	64.0	2.5197	2.5	2.5	98,570	122,210	124.2	113.5	158.3	169.5
	3.5433	190	7.4803	73.0	2.8750	4.0	2.5	109,420	147,290	123.4	114.0	156.2	165.3
95	3.7402	170	6.6929	32.0	1.2598	2.0	2.0	48,060	57,570	120.7	112.5	146.1	154.5
	3.7402	170	6.6929	32.0	1.2598	3.2	2.0	42,800	53,330	121.0	113.5	144.5	151.2
	3.7402	170	6.6929	43.0	1.6929	2.0	2.0	62,170	80,150	120.7	112.5	146.1	154.5
	3.7402	170	6.6929	55.6	2.1875	3.2	2.0	74,750	109,230	121.0	113.5	144.5	151.2
	3.7402	170	6.6929	111.1	4.3750	3.2	2.0	128,160	218,460	121.0	113.5	144.5	151.2
	3.7402	200	7.8740	45.0	1.7717	3.0	2.5	76,090	88,880	132.2	121.5	166.3	177.5
	3.7402	200	7.8740	45.0	1.7717	4.0	2.5	62,320	72,200	132.5	122.1	164.3	173.4
	3.7402	200	7.8740	67.0	2.6378	3.0	2.5	104,300	133,340	132.2	121.5	166.3	177.5
	3.7402	200	7.8740	77.8	3.0625	4.0	2.5	103,420	138,460	132.5	122.1	164.3	173.4
100	3.9370	180	7.0866	34.0	1.3386	2.0	2.0	54,310	66,320	127.5	119.0	0.0	163.0
	3.9370	180	7.0866	34.0	1.3386	4.0	2.0	46,820	58,420	129.0	121.0	154.2	161.1
	3.9370	180	7.0866	46.0	1.8110	2.0	2.0	72,370	95,930	127.5	119.0	0.0	163.0
	3.9370	180	7.0866	60.3	2.3750	4.0	2.0	84,220	124,280	129.0	121.0	154.2	161.1
	3.9370	180	7.0866	120.7	4.7500	4.0	2.0	144,400	248,570	129.0	121.0	154.2	161.1
	3.9370	215	8.4646	47.0	1.8504	2.5	2.5	87,520	99,400	139.6	127.5	178.7	191.5
	3.9370	215	8.4646	47.0	1.8504	4.7	2.5	68,220	79,160	141.1	130.2	175.1	184.8
	3.9370	215	8.4646	73.0	2.8740	2.5	2.5	130,230	165,680	139.6	127.5	178.7	191.5
	3.9370	215	8.4646	82.6	3.2500	4.7	2.5	123,110	169,100	141.1	130.2	175.1	184.8
105	4.1339	160	6.2992	26.0	1.0236	2.5	2.0	29,630	42,300	124.5	119.2	140.6	145.8
	4.1339	190	7.4803	36.0	1.4173	4.0	2.0	52,740	67,070	134.9	126.5	161.0	168.5
	4.1339	190	7.4803	65.1	2.5625	4.0	2.0	98,710	150,150	134.9	126.5	161.0	168.5

Notes:

1. Some configurations may not be in production, check for availability.
2. Actual retainer options may vary, check for retainer design availability.
3. Corners rs and rh are the maximum shaft and housing fillet radius that can be cleared.

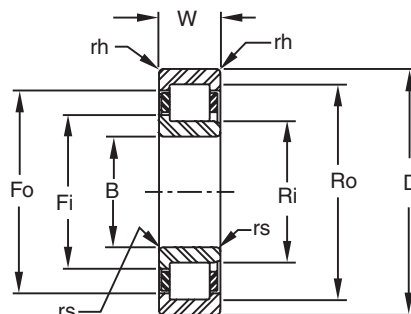
Cylindrical Radial Roller Bearings



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
NU 2316 E	NJ 2316 E	NUP 2316 E	N 2316 E	-	-	-
E 5316 U	L 5316 U	LP 5316 U	U 5316 E	U 5316 L	E 5316 B	U 5316 B
E 1017 U	L 1017 U	LP 1017 U	U 1017 E	U 1017 L	-	-
NU 217 E	NJ 217 E	NUP 217 E	N 217 E	-	-	-
E 1217 U	L 1217 U	LP 1217 U	U 1217 E	U 1217 L	E 1217 B	U 1217 B
NU 2217 E	NJ 2217 E	NUP 2217 E	N 2217 E	-	-	-
E 5217 U	L 5217 U	LP 5217 U	U 5217 E	U 5217 L	E 5217 B	U 5217 B
NU 317 E	NJ 317 E	NUP 317 E	N 317 E	-	-	-
E 1317 U	L 1317 U	LP 1317 U	U 1317 E	U 1317 L	E 1317 B	U 1317 B
NU 2317 E	NJ 2317 E	NUP 2317 E	N 2317 E	-	-	-
E 5317 U	L 5317 U	LP 5317 U	U 5317 E	U 5317 L	E 5317 B	U 5317 B
NU 218 E	NJ 218 E	NUP 218 E	N 218 E	-	-	-
E 1218 U	L 1218 U	LP 1218 U	U 1218 E	U 1218 L	E 1218 B	U 1218 B
NU 2218 E	NJ 2218 E	NUP 2218 E	N 2218 E	-	-	-
E 5218 U	L 5218 U	LP 5218 U	U 5218 E	U 5218 L	E 5218 B	U 5218 B
NU 318 E	NJ 318 E	NUP 318 E	N 318 E	-	-	-
E 1318 U	L 1318 U	LP 1318 U	U 1318 E	U 1318 L	E 1318 B	U 1318 B
NU 2318 E	NJ 2318 E	NUP 2318 E	N 2318 E	-	-	-
E 5318 U	L 5318 U	LP 5318 U	U 5318 E	U 5318 L	E 5318 B	U 5318 B
NU 219 E	NJ 219 E	NUP 219 E	N 219 E	-	-	-
E 1219 U	L 1219 U	LP 1219 U	U 1219 E	U 1219 L	E 1219 B	U 1219 B
NU 2219 E	NJ 2219 E	NUP 2219 E	N 2219 E	-	-	-
E 5219 U	L 5219 U	LP 5219 U	U 5219 E	U 5219 L	E 5219 B	U 5219 B
-	-	-	-	-	E 6219 B	-
NU 319 E	NJ 319 E	NUP 319 E	N 319 E	-	-	-
E 1319 U	L 1319 U	LP 1319 U	U 1319 E	U 1319 L	E 1319 B	U 1319 B
NU 2319 E	NJ 2319 E	NUP 2319 E	N 2319 E	-	-	-
E 5319 U	L 5319 U	LP 5319 U	U 5319 E	U 5319 L	E 5319 B	U 5319 B
NU 220 E	NJ 220 E	NUP 220 E	N 220 E	-	-	-
E 1220 U	L 1220 U	LP 1220 U	U 1220 E	U 1220 L	E 1220 B	U 1220 B
NU 2220 E	NJ 2220 E	NUP 2220 E	N 2220 E	-	-	-
E 5220 U	L 5220 U	LP 5220 U	U 5220 E	U 5220 L	E 5220 B	U 5220 B
-	-	-	-	-	E 6220 B	-
NU 320 E	NJ 320 E	NUP 320 E	N 320 E	-	-	-
E 1320 U	L 1320 U	LP 1320 U	U 1320 E	U 1320 L	E 1320 B	U 1320 B
NU 2320 E	NJ 2320 E	NUP 2320 E	N 2320 E	-	-	-
E 5320 U	L 5320 U	LP 5320 U	U 5320 E	U 5320 L	E 5320 B	U 5320 B
E 1021 U	L 1021 U	LP 1021 U	U 1021 E	U 1021 L	-	-
E 1221 U	L 1221 U	LP 1221 U	U 1221 E	U 1221 L	E 1221 B	U 1221 B
E 5221 U	L 5221 U	LP 5221 U	U 5221 E	U 5221 L	E 5221 B	U 5221 B



Cylindrical Radial Roller Bearings

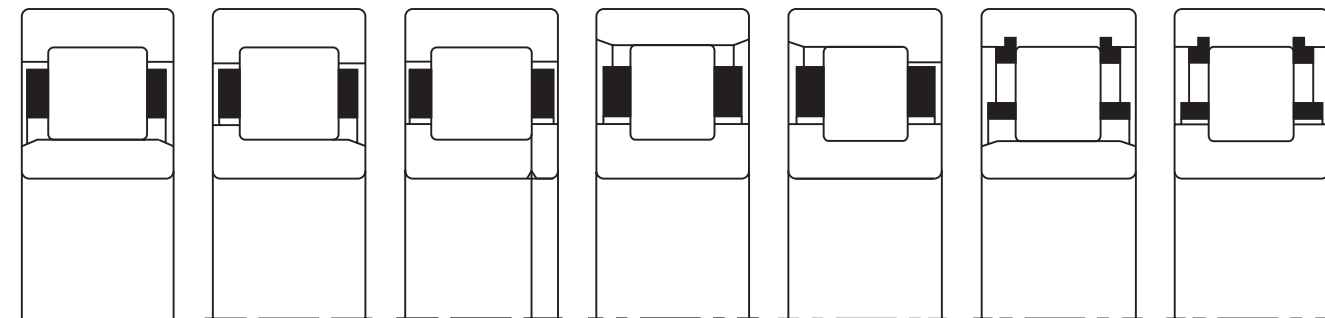


BORE		OUTSIDE DIAMETER		WIDTH		RADIUS		BASIC DYNAMIC CAPACITY	BASIC STATIC CAPACITY	FLANGE O.D. INNER RACE	O.D. INNER RACE	FLANGE I.D. OUTER RACE	I.D. OUTER RACE
B		D		W		rs	rh	POUNDS	POUNDS	Fi	Ri	Fo	Ro
MM	INCH	MM	INCH	MM	INCH	MM				MM			
105	4.1339	225	8.8583	49.0	1.9291	4.7	3.0	98,160	112,230	146.6	132.9	187.4	200.9
	4.1339	225	8.8583	49.0	1.9291	4.7	2.5	80,860	96,820	147.2	136.2	183.2	193.4
	4.1339	225	8.8583	87.3	3.4375	4.7	2.5	131,000	180,040	147.2	136.2	183.2	193.4
110	4.3307	170	6.6929	28.0	1.1024	2.5	2.0	35,740	51,470	130.8	125.3	149.0	154.7
	4.3307	200	7.8740	38.0	1.4961	2.0	2.0	66,640	84,000	141.7	132.5	170.9	180.5
	4.3307	200	7.8740	38.0	1.4961	4.0	2.0	54,200	68,940	141.6	132.9	168.4	176.1
	4.3307	200	7.8740	53.0	2.0866	2.0	2.0	87,050	118,430	141.7	132.5	170.9	180.5
	4.3307	200	7.8740	69.9	2.7500	4.0	2.0	98,430	148,440	141.6	132.9	168.4	176.1
	4.3307	240	9.4488	50.0	1.9685	2.5	2.5	98,340	113,870	155.8	143.0	197.4	211.0
	4.3307	240	9.4488	50.0	1.9685	4.7	2.5	91,630	111,510	157.5	145.3	195.4	206.3
	4.3307	240	9.4488	80.0	3.1496	2.5	2.5	145,610	188,610	155.8	143.0	197.4	211.0
	4.3307	240	9.4488	92.1	3.6250	4.7	2.5	170,820	248,370	157.5	145.3	195.4	206.3
115	4.5275	250	9.8425	53.0	2.0866	4.7	2.5	97,240	115,130	162.3	149.6	202.7	215.5
	4.5275	250	9.8425	53.0	2.0866	4.7	2.5	97,240	115,130	162.3	149.6	202.7	215.5
120	4.7244	180	7.0866	28.0	1.1024	3.2	2.0	34,330	49,790	141.2	135.2	158.9	164.5
	4.7244	180	7.0866	46.0	1.8110	3.2	2.0	53,990	89,140	141.2	135.2	158.9	164.5
	4.7244	215	8.4646	40.0	1.5748	2.0	2.0	77,210	98,460	153.4	143.5	185.1	195.5
	4.7244	215	8.4646	40.0	1.5748	4.7	2.0	63,890	84,070	154.3	145.1	182.7	190.9
	4.7244	215	8.4646	58.0	2.2835	2.0	2.0	107,490	150,660	153.4	143.5	185.1	195.5
	4.7244	215	8.4646	76.2	3.0000	4.7	2.0	124,410	198,060	154.3	145.1	182.7	190.9
	4.7244	260	10.2362	55.0	2.1654	2.5	2.5	120,370	140,640	168.7	154.0	214.8	230.0
	4.7244	260	10.2362	55.0	2.1654	6.4	2.5	97,160	116,130	170.2	157.0	211.2	223.0
	4.7244	260	10.2362	86.0	3.3858	2.5	2.5	179,680	235,410	168.7	154.0	214.8	230.0
	4.7244	260	10.2362	104.8	4.1250	6.4	2.5	190,370	275,740	170.2	157.0	211.2	223.0
130	5.1181	200	7.8740	33.0	1.2992	3.2	2.0	45,750	65,870	154.2	147.6	175.5	182.5
	5.1181	200	7.8740	52.0	2.0472	3.2	2.0	77,780	130,310	154.2	147.6	175.5	182.5
	5.1181	230	9.0551	40.0	1.5748	4.7	2.5	68,550	89,760	164.7	155.0	195.2	203.8
	5.1181	230	9.0551	64.0	2.5197	4.7	2.5	147,240	239,880	164.7	155.0	195.2	203.8
	5.1181	280	11.0236	58.0	2.2835	4.0	3.2	132,780	157,260	183.0	167.0	231.0	247.0
	5.1181	280	11.0236	58.0	2.2835	6.4	3.2	111,770	134,200	184.9	170.5	229.8	242.7
	5.1181	280	11.0236	93.0	3.6614	4.0	3.2	197,370	261,790	183.0	167.0	231.0	247.0
	5.1181	280	11.0236	111.1	4.3750	6.4	3.2	222,500	325,200	184.9	170.5	229.8	242.7
140	5.5118	210	8.2677	33.0	1.2992	4.0	2.0	43,960	63,550	164.3	157.6	185.6	192.4
	5.5118	210	8.2677	53.0	2.0866	4.0	2.0	74,740	125,720	164.3	157.6	185.6	192.4
	5.5118	220	8.6614	36.0	1.4173	2.0	2.0	44,430	61,230	169.4	161.9	192.9	200.0
	5.5118	220	8.6614	63.5	2.5000	2.0	2.0	92,040	156,150	169.4	161.9	192.9	200.0
	5.5118	250	9.8425	42.0	1.6535	4.7	2.5	76,930	100,870	179.1	168.5	211.8	221.5
	5.5118	250	9.8425	82.6	3.2500	4.7	2.5	150,540	238,650	179.1	168.5	211.8	221.5
	5.5118	300	11.8110	62.0	2.4409	4.0	4.0	140,420	171,760	196.0	180.0	247.2	260.0
	5.5118	300	11.8110	62.0	2.4409	7.9	3.2	124,750	151,480	197.0	181.7	244.3	258.0

Notes:

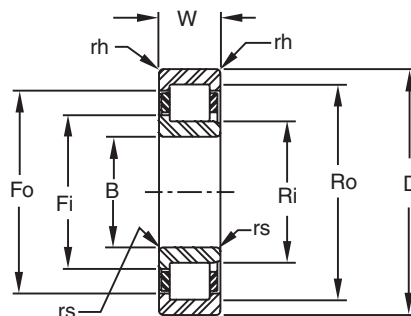
1. Some configurations may not be in production, check for availability.
2. Actual retainer options may vary, check for retainer design availability.
3. Corners rs and rh are the maximum shaft and housing fillet radius that can be cleared.

Cylindrical Radial 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
NU 321 E	NJ 321 E	NUP 321 E	N 321 E	-	-	-
E 1321 U	L 1321 U	LP 1321 U	U 1321 E	U 1321 L	E 1321 B	U 1321 B
E 5321 U	L 5321 U	LP 5321 U	U 5321 E	U 5321 L	E 5321 B	U 5321 B
E 1022 U	L 1022 U	LP 1022 U	U 1022 E	U 1022 L	-	-
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	U 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	U 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	U 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	U 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	U 1323 B
E 1024 U	L 1024 U	LP 1024 U	U 1024 E	U 1024 L	-	-
E 5024 U	L 5024 U	LP 5024 U	U 5024 E	U 5024 L	E 5024 B	U 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	U 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	U 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	U 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	U 5324 B
E 1026 U	L 1026 U	LP 1026 U	U 1026 E	U 1026 L	-	-
E 5026 U	L 5026 U	LP 5026 U	U 5026 E	U 5026 L	-	-
E 1226 U	L 1226 U	LP 1226 U	U 1226 E	U 1226 L	E 1226 B	U 1226 B
E 5226 U	L 5226 U	LP 5226 U	U 5226 E	U 5226 L	E 5226 B	U 5226 B
NU 326 E	NJ 326 E	NUP 326 E	N 326 E	-	-	-
E 1326 U	L 1326 U	LP 1326 U	U 1326 E	U 1326 L	-	-
NU 2326 E	NJ 2326 E	NUP 2326 E	N 2326 E	-	-	-
E 5326 U	L 5326 U	LP 5326 U	U 5326 E	U 5326 L	-	-
E 1028 U	L 1028 U	LP 1028 U	U 1028 E	U 1028 L	-	-
E 5028 U	L 5028 U	LP 5028 U	U 5028 E	U 5028 L	-	-
MUC 128	MUL 128	MU 128	MCS 128	ML 128	-	-
MUC 5128	MUL 5128	MU 5128	MCS 5128	ML 5128	-	-
E 1228 U	L 1228 U	LP 1228 U	U 1228 E	U 1228 L	E 1228 B	U 1228 B
E 5228 U	L 5228 U	LP 5228 U	U 5228 E	U 5228 L	E 5228 B	U 5228 B
NU 328 E	NJ 328 E	NUP 328 E	N 328 E	-	-	-
E 1328 U	L 1328 U	LP 1328 U	U 1328 E	U 1328 L	-	-

Cylindrical Radial Roller Bearings

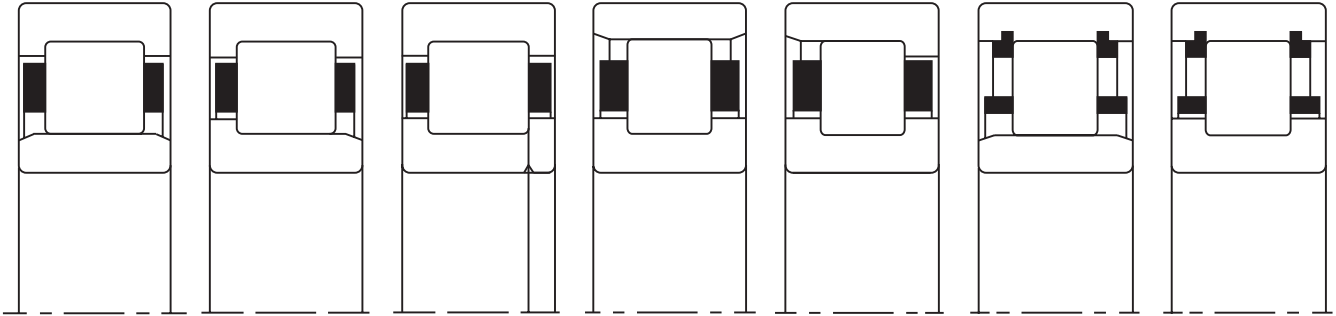


BORE		OUTSIDE DIAMETER		WIDTH		RADIUS		BASIC DYNAMIC CAPACITY	BASIC STATIC CAPACITY	FLANGE O.D. INNER RACE	O.D. INNER RACE	FLANGE I.D. OUTER RACE	I.D. OUTER RACE
B		D		W		rs	rh	POUNDS	POUNDS	Fi	Ri	Fo	Ro
MM	INCH	MM	INCH	MM	INCH	MM				MM			
140	5.5118	300	11.8110	102.0	4.0157	4.0	4.0	208,730	285,920	196.0	180.0	247.2	260.0
	5.5118	300	11.8110	114.3	4.5000	7.9	3.2	254,510	379,890	197.0	181.7	244.3	258.0
150	5.9055	225	8.8583	56.0	2.2047	4.0	2.0	87,140	148,930	176.2	168.7	198.9	206.3
	5.9055	235	9.2520	38.0	1.4961	2.0	2.0	45,500	64,500	182.4	174.6	205.6	212.7
	5.9055	235	9.2520	66.7	2.6250	2.0	2.0	97,020	170,760	182.4	174.6	205.6	212.7
	5.9055	270	10.6299	45.0	1.7717	2.5	2.5	91,030	116,950	191.6	179.4	228.5	239.7
	5.9055	270	10.6299	45.0	1.7717	6.4	2.5	89,920	115,860	193.0	181.5	231.0	241.7
	5.9055	270	10.6299	88.9	3.5000	6.4	2.5	196,160	315,810	193.0	181.5	231.0	241.7
	5.9055	270	10.6299	177.8	7.0000	6.4	2.5	336,310	631,620	193.0	181.5	231.0	241.7
	5.9055	320	12.5984	65.0	2.5591	3.0	3.0	176,570	217,890	192.8	190.0	264.4	280.0
	5.9055	320	12.5984	123.8	4.8750	7.9	3.2	302,480	439,630	208.5	190.9	263.3	279.1
160	6.2992	240	9.4488	38.0	1.4961	4.0	2.0	57,650	88,500	188.8	181.2	212.7	219.3
	6.2992	240	9.4488	60.0	2.3622	4.0	2.0	96,790	172,280	188.8	181.2	212.7	219.3
	6.2992	250	9.8425	40.0	1.5748	2.0	2.0	51,730	73,120	192.3	184.2	218.3	225.4
	6.2992	250	9.8425	73.0	2.8750	2.0	2.0	111,310	195,850	192.3	184.2	218.3	225.4
	6.2992	290	11.4173	48.0	1.8898	2.5	2.5	100,420	130,890	206.0	193.7	245.2	257.2
	6.2992	290	11.4173	48.0	1.8898	6.4	2.5	96,890	125,040	205.9	193.9	243.8	257.4
	6.2992	290	11.4173	98.4	3.8750	6.4	2.5	208,070	334,030	205.9	193.9	243.8	257.4
	6.2992	290	11.4173	196.9	7.7500	6.4	2.5	356,730	668,050	205.9	193.9	243.8	257.4
	6.2992	340	13.3858	68.0	2.6772	9.5	3.2	160,630	198,180	223.5	205.9	278.3	294.1
	6.2992	340	13.3858	68.0	2.6772	3.0	3.0	182,060	222,200	220.5	203.2	283.7	298.5
170	6.6929	260	10.2362	42.0	1.6535	4.7	2.0	77,730	122,150	202.1	194.9	227.1	238.1
	6.6929	260	10.2362	67.0	2.6378	4.7	2.0	123,910	222,460	202.1	194.9	227.1	238.1
	6.6929	265	10.4331	42.0	1.6535	2.5	2.5	66,240	92,720	203.2	193.7	231.8	241.3
	6.6929	265	10.4331	76.2	3.0000	2.5	2.5	132,730	226,590	203.2	193.7	231.8	241.3
	6.6929	310	12.2047	52.0	2.0472	6.4	3.2	115,140	151,540	219.1	205.5	261.5	273.6
	6.6929	310	12.2047	104.8	4.1250	6.4	3.2	236,190	381,670	219.1	205.5	261.5	273.6
	6.6929	360	14.1732	72.0	2.8346	3.0	3.0	182,030	225,300	235.0	219.1	298.5	314.3
	6.6929	360	14.1732	139.7	5.5000	9.5	3.2	369,100	552,190	236.0	216.7	295.7	313.3
180	7.0866	280	11.0236	46.0	1.8110	4.7	2.0	96,180	150,460	215.3	205.6	244.6	254.4
	7.0866	280	11.0236	74.0	2.9134	4.7	2.0	152,040	271,090	215.3	205.6	244.6	254.4
	7.0866	280	11.0236	44.0	1.7323	2.5	2.0	75,240	106,310	214.4	204.8	245.9	255.6
	7.0866	280	11.0236	82.6	3.2500	2.5	2.5	156,010	274,490	214.4	204.8	245.9	255.6
	7.0866	320	12.5984	52.0	2.0472	3.0	3.0	107,920	148,990	235.0	222.3	274.1	285.8
	7.0866	320	12.5984	52.0	2.0472	6.4	3.2	114,690	152,620	229.9	216.3	272.3	284.4
	7.0866	320	12.5984	108.0	4.2500	6.4	3.2	235,260	384,400	229.9	216.3	272.3	284.4
	7.0866	380	14.9606	75.0	2.9528	3.0	3.0	191,500	243,780	250.8	231.8	309.9	327.0
190	7.4803	290	11.4173	46.0	1.8110	4.7	2.5	95,630	151,200	226.9	215.6	26.3	264.4
	7.4803	290	11.4173	75.0	2.9528	4.7	2.5	151,160	272,430	226.9	215.6	26.3	264.4
	7.4803	290	11.4173	85.7	3.3750	2.5	2.5	165,630	299,510	229.2	219.1	259.7	269.9

Notes:

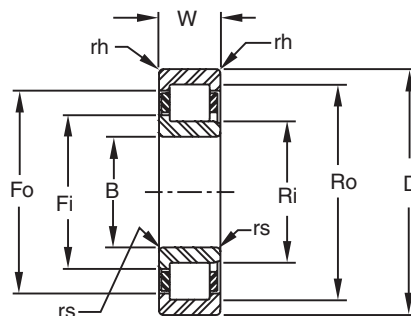
1. Some configurations may not be in production, check for availability.
2. Actual retainer options may vary, check for retainer design availability.
3. Corners rs and rh are the maximum shaft and housing fillet radius that can be cleared.

Cylindrical Radial 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
NU 2328 E E 5328 U	NJ 2328 E L 5328 U	NUP 2328 E LP 5328 U	N 2328 E U 5328 E	- U 5328 L	- -	- -
E 5030 U MUC 130 MUC 5130 MUC 230 E 1230 U E 5230 U - MUC 330 E 5330 U	L 5030 U MUL 130 MUL 5130 MUL 230 L 1230 U L 5230 U - MUL 330 L 5330 U	LP 5030 U MU 130 MU 5130 MU 230 LP 1230 U LP 5230 U - MU 330 LP 5330 U	U 5030 E MCS 130 MCS 5130 MCS 230 U 1230 E U 5230 E - MCS 330 U 5330 E	U 5030 L ML 130 ML 5130 ML 230 U 1230 L U 5230 L - ML 330 U 5330 L	- - - - E 1230 B E 5230 B E 6230 B - -	- - - - U 1230 B U 5230 B - - -
E 1032 U E 5032 U MUC 132 MUC 5132 MUC 232 E 1232 U E 5232 U - E 1332 U MUC 332	L 1032 U L 5032 U MUL 132 MUL 5132 MUL 232 L 1232 U L 5232 U - L 1332 U MUL 332	LP 1032 U LP 5032 U MU 132 MU 5132 MU 232 LP 1232 U LP 5232 U - LP 1332 U MU 332	U 1032 E U 5032 E MCS 132 MCS 5132 MCS 232 U 1232 E U 5232 E - U 1332 E MCS 332	U 1032 L U 5032 L ML 132 ML 5132 ML 232 U 1232 L U 5232 L - U 1332 L ML 332	- - - - - - E 6232 B - -	- - - - - - - - -
E 1034 U E 5034 U MUC 5134 MUC 134 E 1234 U E 5234 U MUC 334 E 5334 U	L 1034 U L 5034 U MUL 5134 MUL 134 L 1234 U L 5234 U MUL 334 L 5334 U	LP 1034 U LP 5034 U MU 5134 MU 134 LP 1234 U LP 5234 U MU 334 LP 5334 U	U 1034 E U 5034 E MCS 5134 MCS 134 U 1234 E U 5234 E MCS 334 U 5334 E	U 1034 L U 5034 L ML 5134 ML 134 U 1234 L U 5234 L ML 334 U 5334 L	- - - - - - - -	- - - - - - - -
E 1036 U E 5036 U MUC 136 MUC 5136 MUC 236 E 1236 U E 5236 U MUC 336	L 1036 U L 5036 U MUL 136 MUL 5136 MUL 236 L 1236 U L 5236 U MUL 336	LP 1036 U LP 5036 U MU 136 MU 5136 MU 236 LP 1236 U LP 5236 U MU 336	U 1036 E U 5036 E MCS 136 MCS 5136 MCS 236 U 1236 E U 5236 E MCS 336	U 1036 L U 5036 L ML 136 ML 5136 ML 236 U 1236 L U 5236 L ML 336	- - - - - - - -	- - - - - - - -
E 1038 U E 5038 U MUC 5138	L 1038 U L 5038 U MUL 5138	LP 1038 U LP 5038 U MU 5138	U 1038 E U 5038 E MCS 5138	U 1038 L U 5038 L ML 5138	- - -	- - -

Cylindrical Radial Roller Bearings

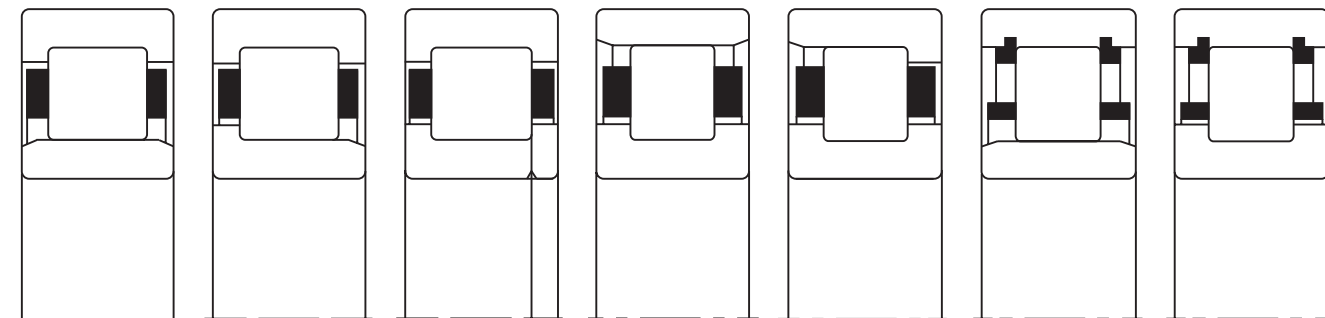


BORE		OUTSIDE DIAMETER		WIDTH		RADIUS		BASIC DYNAMIC CAPACITY	BASIC STATIC CAPACITY	FLANGE O.D. INNER RACE	O.D. INNER RACE	FLANGE I.D. OUTER RACE	I.D. OUTER RACE
B		D		W		rs	rh	POUNDS	POUNDS	Fi	Ri	Fo	Ro
MM	INCH	MM	INCH	MM	INCH	MM				MM			
190	7.4803	300	11.8110	46.0	1.8110	2.5	2.5	79,890	117,280	229.2	219.1	259.7	269.9
	7.4803	340	13.3858	114.3	4.5000	7.9	3.2	279,880	471,260	243.3	228.9	288.2	301.0
	7.4803	400	15.7480	78.0	3.0709	4.0	4.0	206,500	260,860	262.9	244.5	303.4	346.1
200	7.8740	310	12.2047	82.0	3.2283	4.7	2.0	174,940	309,140	238.6	227.7	271.6	282.3
	7.8740	320	12.5984	48.0	1.8898	2.5	2.5	96,410	140,260	243.5	231.8	278.9	288.9
	7.8740	320	12.5984	88.9	3.5000	2.5	2.5	189,780	335,060	243.5	231.8	278.9	288.9
	7.8740	360	14.1732	58.0	2.2835	7.9	3.2	139,020	187,210	257.4	242.2	304.9	318.5
	7.8740	360	14.1732	120.7	4.7500	7.9	3.2	300,080	503,470	257.4	242.2	304.9	318.5
	7.8740	420	16.5354	165.1	6.5000	4.0	4.0	471,950	766,680	280.5	260.4	346.1	362.0
210	8.2677	340	13.3858	50.0	1.9685	2.5	2.5	115,120	166,570	257.0	244.5	295.1	308.0
	8.2677	340	13.3858	95.3	3.7500	2.5	2.5	215,040	371,970	257.0	244.5	295.1	308.0
	8.2677	380	14.9606	62.0	2.4409	3.0	3.0	150,000	211,020	276.5	260.4	323.9	336.6
	8.2677	380	14.9606	127.0	5.0000	9.5	3.2	351,140	594,440	270.1	253.6	320.2	336.2
	8.2677	440	17.3228	84.0	3.3071	4.0	4.0	244,640	320,240	287.8	269.9	359.9	377.8
220	8.6614	320	13.3858	90.0	2.9578	6.4	2.5	209,900	390,730	262.8	251.4	297.3	308.6
	8.6614	350	13.7795	98.4	3.8750	2.5	2.5	230,200	411,020	265.4	254.0	307.0	317.5
	8.6614	400	15.7480	65.0	2.5591	3.0	3.0	167,230	232,460	286.5	269.9	336.6	352.4
	8.6614	400	15.7480	65.0	2.5591	9.5	3.2	186,510	253,980	283.2	265.5	342.4	354.4
	8.6614	400	15.7480	133.4	5.2500	9.5	3.2	384,180	643,130	283.2	265.5	342.4	354.4
230	9.0551	370	14.5669	53.0	4.0000	2.5	2.5	134,730	196,180	280.2	266.7	323.9	336.6
	9.0551	370	14.5669	101.6	2.0866	2.5	2.5	244,420	421,910	280.2	266.7	323.9	336.6
	9.0551	420	16.5354	69.0	2.7165	3.0	3.0	185,620	256,200	299.6	282.6	354.5	371.5
240	9.4488	390	15.3543	55.0	2.1654	2.5	2.5	154,990	223,920	291.6	277.8	342.4	354.0
	9.4488	390	15.3543	108.0	4.2500	2.5	2.5	270,030	457,170	291.6	277.8	342.4	354.0
	9.4488	440	17.3228	72.0	2.8346	3.0	3.0	207,890	286,580	309.1	293.7	373.6	388.9
	9.4488	440	17.3228	146.1	5.7500	9.5	3.2	489,340	824,720	311.6	291.2	374.9	393.1
	9.4488	500	19.6850	95.0	3.7402	4.0	4.0	298,100	397,460	328.4	308.0	408.3	428.6
250	9.8425	410	16.1417	57.0	4.3750	3.0	3.0	159,640	236,660	308.7	293.7	354.1	369.9
	9.8425	410	16.1417	111.1	2.2441	3.0	3.0	288,110	505,580	308.7	293.7	354.1	369.9
	9.8425	520	20.4724	196.9	7.7500	4.0	4.0	613,610	1,022,650	354.3	330.2	431.8	450.9
260	10.2362	430	16.9291	59.0	2.3228	3.0	3.0	164,310	249,260	322.8	308.0	372.4	384.2
	10.2362	430	16.9291	114.3	4.5000	3.0	3.0	306,710	556,100	322.8	308.0	372.4	384.2
	10.2362	480	18.8976	158.8	6.2500	4.0	4.0	469,750	802,070	336.7	320.7	406.1	422.3
	10.2362	540	21.2598	102.0	4.0157	5.0	5.0	345,270	477,430	365.3	342.9	445.8	469.9
280	11.0236	460	18.1102	123.8	4.8750	3.0	3.0	354,840	648,750	346.6	330.2	398.8	412.8
	11.0236	500	19.6850	165.1	6.5000	9.5	4.0	635,200	1,111,320	355.6	333.0	427.2	447.3
	11.0236	580	22.8346	215.9	8.5000	12.7	5.0	951,160	1,437,800	368.0	339.9	487.4	517.7

Notes:

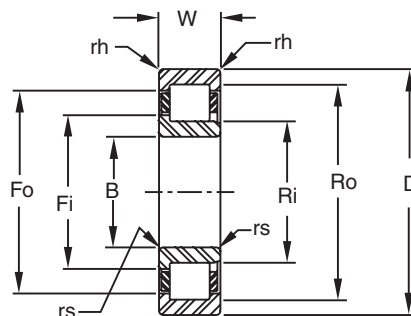
1. Some configurations may not be in production, check for availability.
2. Actual retainer options may vary, check for retainer design availability.
3. Corners rs and rh are the maximum shaft and housing fillet radius that can be cleared.

Cylindrical Radial 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
MUC 138	MUL 138	MU 138	MCS 138	ML 138	-	-
E 5238 U	L 5238 U	LP 5238 U	U 5238 E	U 5238 L	-	-
MUC 338	MUL 338	MU 338	MCS 338	ML 338	-	-
E 5040 U	L 5040 U	LP 5040 U	U 5040 E	U 5040 L	-	-
MUC 140	MUL 140	MU 140	MCS 140	ML 140	-	-
MUC 5140	MUL 5140	MU 5140	MCS 5140	ML 5140	-	-
E 1240 U	L 1240 U	LP 1240 U	U 1240 E	U 1240 L	-	-
E 5240 U	L 5240 U	LP 5240 U	U 5240 E	U 5240 L	-	-
E 5340 U	L 5340 U	LP 5340 U	U 5340 E	U 5340 L	-	-
MUC 142	MUL 142	MU 142	MCS 142	ML 142	-	-
MUC 5142	MUL 5142	MU 5142	MCS 5142	ML 5142	-	-
MUC 242	MUL 242	MU 242	MCS 242	ML 242	-	-
E 5242 U	L 5242 U	LP 5242 U	U 5242 E	U 5242 L	-	-
MUC 342	MUL 342	MU 342	MCS 342	ML 342	-	-
E 5044 U	L 5044 U	LP 5044 U	U 5044 E	U 5044 L	-	-
MUC 5144	MUL 5144	MU 5144	MCS 5144	ML 5144	-	-
MUC 244	MUL 244	MU 244	MCS 244	ML 244	-	-
E 1244 U	L 1244 U	LP 1244 U	U 1244 E	U 1244 L	-	-
E 5244 U	L 5244 U	LP 5244 U	U 5244 E	U 5244 L	-	-
MUC 146	MUL 146	MU 146	MCS 146	ML 146	-	-
MUC 5146	MUL 5146	MU 5146	MCS 5146	ML 5146	-	-
MUC 246	MUL 246	MU 246	MCS 246	ML 246	-	-
MUC 148	MUL 148	MU 148	MCS 148	ML 148	-	-
MUC 5148	MUL 5148	MU 5148	MCS 5148	ML 5148	-	-
MUC 248	MUL 248	MU 248	MCS 248	ML 248	-	-
E 5248 U	L 5248 U	LP 5248 U	U 5248 E	U 5248 L	-	-
MUC 348	MUL 348	MU 348	MCS 348	ML 348	-	-
MUC 150	MUL 150	MU 150	MCS 150	ML 150	-	-
MUC 5150	MUL 5150	MU 5150	MCS 5150	ML 5150	-	-
E 5350 U	L 5350 U	LP 5350 U	U 5350 E	U 5350 L	-	-
MUC 152	MUL 152	MU 152	MCS 152	ML 152	-	-
MUC 5152	MUL 5152	MU 5152	MCS 5152	ML 5152	-	-
E 5252 U	L 5252 U	LP 5252 U	U 5252 E	U 5252 L	-	-
MUC 352	MUL 352	MU 352	MCS 352	ML 352	-	-
MUC 5156	MUL 5156	MU 5156	MCS 5156	ML 5156	-	-
E 5256 U	L 5256 U	LP 5256 U	U 5256 E	U 5256 L	-	-
E 5356 U	L 5356 U	LP 5356 U	U 5356 E	U 5356 L	-	-

Cylindrical Radial Roller Bearings

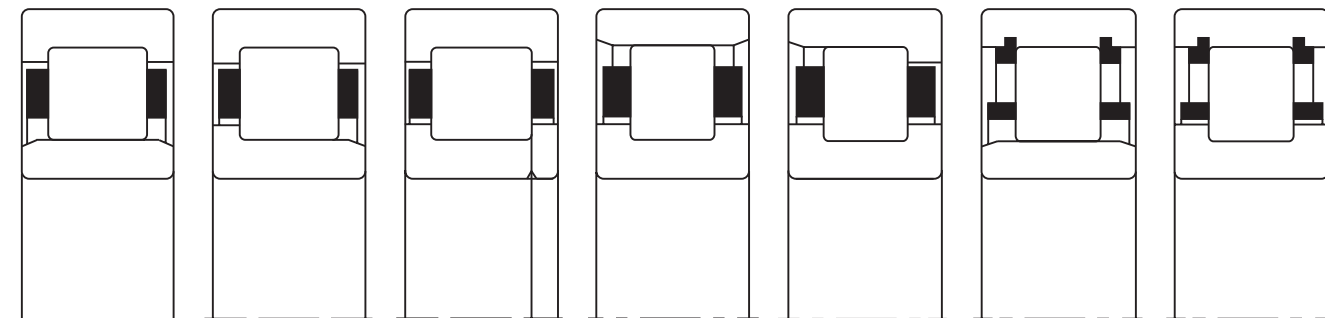


BORE		OUTSIDE DIAMETER		WIDTH		RADIUS		BASIC DYNAMIC CAPACITY	BASIC STATIC CAPACITY	FLANGE O.D. INNER RACE	O.D. INNER RACE	FLANGE I.D. OUTER RACE	I.D. OUTER RACE
B		D		W		rs	rh	POUNDS	POUNDS	Fi	Ri	Fo	Ro
MM	INCH	MM	INCH	MM	INCH	MM				MM			
300	11.8110	480	18.8970	127.0	5.0000	8.0	3.2	383,930	690,680	360.7	344.5	419.0	433.4
	11.8110	540	21.2590	85.0	3.3465	12.7	4.0	381,750	486,330	366.6	343.8	470.3	496.2
320	12.5984	500	19.6850	71.0	2.7953	3.0	3.0	219,370	341,900	381.3	363.5	437.1	452.4
	12.5984	500	19.6850	130.2	5.1250	4.0	3.0	394,850	727,920	381.3	363.5	437.1	452.4
340	13.3850	530	20.8661	133.4	5.2500	-	-	324,290	645,580	415.4	399.3	462.6	475.5
425	16.7480	610	24.0157	146.1	5.7500	-	-	465,750	916,530	469.9	453.7	532.8	549.0
440	17.3228	660	25.9843	158.8	6.2500	-	-	486,790	1,002,350	520.8	503.7	582.8	599.0

Notes:

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Cylindrical Radial 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
MUC 5160	MUL 5160	MU 5160	MCS 5160	ML 5160	-	-
E 1260 U	L 1260 U	LP 1260 U	U 1260 E	U 1260 L	-	-
MUC 164	MUL 164	MU 164	MCS 164	ML 164	-	-
MUC 5164	MUL 5164	MU 5164	MCS 5164	ML 5164	-	-
MUC 5168	MUL 5168	MU 5168	MCS 5168	ML 5168	-	-
MUC 5180	MUL 5180	MU 5180	MCS 5180	ML 5180	-	-
MUC 5188	MUL 5188	MU 5188	MCS 5188	ML 5188	-	-