

Loads

Equivalent dynamic bearing load for single row bearings of the B and BE designs when mounted as single bearings or paired in tandem

$$P = F_r \text{ when } F_a / F_r \leq 1.14$$
$$P = 0.35 F_r + 0.57 F_a \text{ when } F_a / F_r > 1.14$$

where

P = equivalent dynamic bearing load
 F_r = radial load acting on the bearing
 F_a = axial load acting on the bearing

When determining the axial force F_a reference should be made to the following section.

Equivalent dynamic bearing load for bearings mounted in pairs, back-to-back or face-to-face

$$P = F_r + 0.55 F_a$$

when $F_a / F_r \leq 1.14$

$$P = 0.57 F_r + 0.93 F_a$$

when $F_a / F_r > 1.14$

F_a and F_r are the forces acting on the bearing pair.

Equivalent dynamic bearing load for double row bearings

For the double row angular contact bearings described in this catalog, the equivalent dynamic bearing load is

$$F_a / F_r \leq e \Rightarrow P = F_r + Y_1 F_a$$

$$F_a / F_r > e \Rightarrow P = X F_r + Y_2 F_a$$

where

P = equivalent dynamic bearing load
 X, Y_1, Y_2, Y_0 = calculation factors (see **Table 6**)
 F_r = actual radial bearing load
 F_a = actual axial bearing load

Equivalent dynamic bearing load for four-point contact bearings

When four-point contact ball bearings with a contact angle of 35° are used as locating bearings to accommodate radial and axial loads, the equivalent dynamic bearing load can be obtained from

$$P = F_r + 0.66 F_a$$

when $F_a / F_r \leq 0.95$

$$P = 0.6 F_r + 1.07 F_a$$

when $F_a / F_r > 0.95$

It should be remembered that satisfactory performance of the ball set of four-point contact ball bearings is only obtained when the balls are in contact with the raceways at two points, i.e. when the axial load

$$F_a \geq 1.27 F_r$$

If the four-point contact ball bearing is used as a thrust bearing in combination with other radial bearings, and it is mounted with radial clearance in the housing, the equivalent dynamic bearing load becomes

$$P = 1.07 F_a$$

Minimum load

In order to provide satisfactory operation of all ball and roller bearings they must always be subjected to a given minimum load.

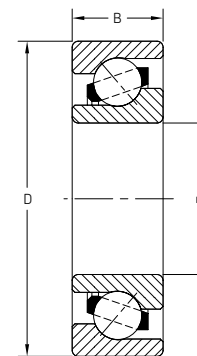
This is also true of angular contact ball bearings, particularly if they run at high speeds where the inertia forces of the balls and cage, and the friction in the lubricant can have a detrimental influence on the rolling conditions in the bearing and may cause damaging sliding movements to occur between the balls and the raceways.

The requisite minimum radial load to be applied in such cases can be determined by using the tools available on the SKF website www.skf.com under Knowledge Centre/Engineering tools and CAD, or by contacting SKF Applications Engineering. However, the weight of the components supported by the bearing, together with the external forces, often exceeds the requisite minimum load. If this is not the case, an additional radial load must be applied to the bearing; for example, by increasing belt tension, by applying a preload to the inner or outer rings, or by using springs.

Frequency vibration data

Frequency vibration data is available on the SKF website, www.skf.com under Knowledge Centre/Engineering tools and CAD, or by contacting SKF Applications Engineering.

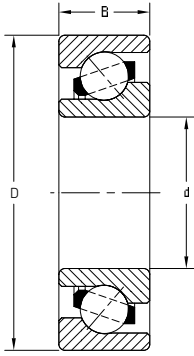
Single row
Standard
Series: 7024 B – 70/1250 AMB
Size: 120 mm – 1250 mm
4.2744 in – 49.2126 in



These bearings are typically used in pairs and require additional suffix letters to define the end play and preload values as well as cage type for the specific application conditions. Refer to page 60 for details.

Designation	Principal dimensions						Basic load ratings				Speed rating		Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Reference speed	Limiting speed	kg	lb
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min	r/min		
7024 B	120	4.7244	180	7.0866	28	1.1024	87 100	19 570	93 000	20 900	3 000	4 000	2.4	5.29
7028 B	140	5.5118	210	8.2677	33	1.2992	114 000	25 620	129 000	28 990	2 400	3 400	3.85	8.49
7030 B	150	5.9055	225	8.8583	35	1.3780	133 000	29 890	146 000	32 810	2 400	3 200	4.7	10.36
7034 B	170	6.6929	260	10.2362	42	1.6535	172 000	38 650	204 000	45 840	2 000	2 800	7.65	16.87
7036 B	180	7.0866	280	11.0236	46	1.8110	195 000	43 820	240 000	53 900	1 900	2 600	10	22.05
7038 B	190	7.4803	290	11.4173	46	1.8110	199 000	44 720	255 000	57 300	1 800	2 400	10.5	23.15
7040 B	200	7.8740	310	12.2047	51	2.0079	225 000	50 600	290 000	65 200	1 700	2 200	18	39.69
7044 B	220	8.6614	340	13.3858	56	2.2047	255 000	57 300	355 000	79 800	1 600	2 000	18	39.69
7048 B	240	9.4488	360	14.1732	56	2.2047	260 000	58 400	375 000	84 300	1 500	1 900	19	41.90
7052 B	260	10.2362	400	15.7480	65	2.5591	332 000	74 600	510 000	114 600	1 300	1 700	30	66.15
7056 B	280	11.0236	420	16.5354	65	2.5591	338 000	76 000	540 000	121 300	1 200	1 600	30	66.15
7060 B	300	11.8110	460	18.1102	74	2.9134	377 000	84 700	630 000	141 600	1 400	1 500	42.5	93.71
7064 B	320	12.5984	480	18.8976	74	2.9134	390 000	87 600	670 000	150 600	1 300	1 400	44.5	98.12
7068 B	340	13.3858	520	20.4724	82	3.2283	449 000	100 900	815 000	183 100	1 200	1 300	59.5	131.20
7072 B	360	14.1732	540	21.2598	82	3.2283	462 000	103 800	850 000	191 000	1 200	1 200	61.8	136.27
7076 B	380	14.9606	560	22.0472	82	3.2283	468 000	105 200	850 000	191 000	1 100	1 200	64.7	142.66
7080 B	400	15.7480	600	23.6220	90	3.5433	527 000	118 400	1 020 000	229 200	1 000	1 100	90.5	199.55
7084 B	420	16.5354	620	24.4094	90	3.5433	540 000	121 300	1 060 000	238 200	1 000	1 000	88	194.04
7088 B	440	17.3228	650	25.5906	94	3.7008	572 000	128 500	1 180 000	265 200	950	950	100	220.50
7092 B	460	18.1102	680	26.7717	100	3.9370	618 000	138 900	1 290 000	289 900	900	900	120	264.60
7096 B	480	18.8976	700	27.5591	100	3.9370	624 000	140 200	1 340 000	301 100	850	900	125	275.63
70/500 B	500	19.6850	720	28.3465	100	3.9370	637 000	143 100	1 400 000	314 600	800	850	130	286.65
70/530 B	530	20.8661	780	30.7087	112	4.4094	741 000	166 500	1 700 000	382 000	750	800	180	396.90
70/560 AMB	560	22.0472	820	32.2835	115	4.5276	793 000	178 200	1 900 000	427 000	700	700	203	447.62
708/600 AMB	600	23.6220	730	28.7402	42	1.6535	338 000	76 000	735 000	165 200	800	850	38.5	84.89
70/600 AGMB	600	23.6220	870	34.2520	118	4.6457	884 000	198 700	2 160 000	485 400	700	750	236	520.38
70/630 AMB	630	24.8031	920	36.2205	128	5.0394	956 000	214 800	2 450 000	550 600	560	700	270	595.35
70/670 AMB	670	26.3780	980	38.5827	136	5.3543	1 170 000	262 900	3 100 000	696 600	560	560	353	778.37
70/710 AMB	710	27.9528	1 030	40.5512	140	5.5118	1 190 000	267 400	3 250 000	730 300	560	600	370	815.85
70/750 AMB	750	29.5276	1 090	42.9134	150	5.9055	1 300 000	292 100	3 650 000	820 200	530	560	445	981.23
70/800 AMB	800	31.4961	1 150	45.2756	155	6.1024	1 250 000	280 900	3 650 000	820 200	450	450	524	1155.42
70/850 AMB	850	33.4646	1 220	48.0315	165	6.4961	1 380 000	310 100	4 150 000	932 600	400	400	626	1380.33
70/900 AMB	900	35.4331	1 280	50.3937	170	6.6929	1 560 000	350 600	4 900 000	1 101 100	400	430	665	1466.33
70/950 AMB	950	37.4016	1 360	53.5433	180	7.0866	1 630 000	366 300	5 200 000	1 168 500	380	400	805	1775.03
70/1000 AMB	1 000	39.3701	1 420	55.9055	185	7.2835	1 630 000	366 300	5 400 000	1 213 500	360	380	890	1962.45
70/1060 AMB	1 060	41.7323	1 500	59.0551	195	7.6772	1 680 000	377 500	5 700 000	1 280 900	320	340	1 050	2315.25
70/1120 AMB	1 120	44.0945	1 580	62.2047	200	7.8740	1 720 000	386 500	5 850 000	1 314 600	300	320	1 150	2535.75
70/1180 AMB	1 180	46.4567	1 660	65.3543	212	8.3465	1 740 000	391 000	6 200 000	1 393 300	280	280	1 350	2976.75
708/1250 AMB	1 250	49.2126	1 500	59.0551	80	3.1496	806 000	181 100	2 700 000	606 700	280	300	295	650.48
70/1250 AMB	1 250	49.2126	1 750	68.8976	218	8.5827	1 780 000	400 000	6 550 000	1 471 900	240	260	1 600	3528.00

Consult SKF USA Inc. prior to design change or order placement.



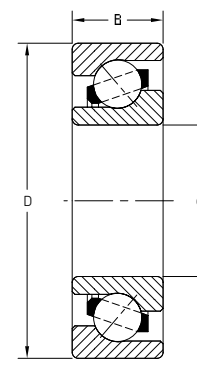
Single row
 Standard and **SKF Explorer**
 Series: 7200 BE – 7280 B
 Size: 10 mm – 400 mm
 0.3937 in – 15.7480 in

These bearings are typically used in pairs and require additional suffix letters to define the end play and preload values as well as cage type for the specific application conditions. Refer to page 60 for details.

Designation	Principal dimensions						Basic load ratings				Speed rating		Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Reference speed	Limiting speed	kg	lb
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min	r/min		
7200 BE	10	0.3937	30	1.1811	9	0.3543	7 020	1 580	3 350	750	22 000	30 000	0.03	0.07
7201 BE	12	0.4724	32	1.2598	10	0.3937	7 610	1 710	3 800	850	20 000	26 000	0.036	0.08
7202 BE	15	0.5906	35	1.3780	11	0.4331	8 320	1 870	4 400	990	18 000	24 000	0.045	0.10
7203 BE	17	0.6693	40	1.5748	12	0.4724	10 400	2 340	5 500	1 240	15 000	20 000	0.065	0.14
7204 BE	20	0.7874	47	1.8504	14	0.5512	13 300	2 990	7 650	1 720	13 000	18 000	0.11	0.24
7205 BE	25	0.9843	52	2.0472	15	0.5906	14 800	3 330	9 300	2 090	11 000	15 000	0.13	0.29
7206 BE	30	1.1811	62	2.4409	16	0.6299	22 500	5 060	14 300	3 210	9 500	13 000	0.2	0.44
7207 BE	35	1.3780	72	2.8346	17	0.6693	29 100	6 540	19 000	4 270	8 000	11 000	0.28	0.62
7208 BE	40	1.5748	80	3.1496	18	0.7087	34 500	7 750	24 000	5 390	7 000	10 000	0.37	0.82
7209 BE	45	1.7717	85	3.3465	19	0.7480	35 800	8 040	26 000	5 840	6 700	9 000	0.42	0.93
7210 BE	50	1.9685	90	3.5433	20	0.7874	37 700	8 470	28 500	6 400	6 300	8 500	0.47	1.04
7211 BE	55	2.1654	100	3.9370	21	0.8268	46 200	10 380	36 000	8 090	5 600	7 500	0.62	1.37
7212 BE	60	2.3622	110	4.3307	22	0.8661	57 200	12 850	45 500	10 220	5 000	7 000	0.8	1.76
7213 BE	65	2.5591	120	4.7244	23	0.9055	66 300	14 900	54 000	12 130	4 800	6 300	1	2.21
7214 BE	70	2.7559	125	4.9213	24	0.9449	67 600	15 190	56 000	12 580	4 500	6 000	1.1	2.43
7215 BE	75	2.9528	130	5.1181	25	0.9843	70 200	15 780	60 000	13 480	5 600	5 600	1.2	2.65
7216 BE	80	3.1496	140	5.5118	26	1.0236	80 600	18 110	69 500	15 620	4 000	5 300	1.45	3.20
7217 BE	85	3.3465	150	5.9055	28	1.1024	95 600	21 480	83 000	18 650	3 800	5 000	1.85	4.08
7218 BE	90	3.5433	160	6.2992	30	1.1811	108 000	24 270	96 500	21 690	3 600	4 500	2.3	5.07
7219 BE	95	3.7402	170	6.6929	32	1.2598	124 000	27 870	108 000	24 270	3 200	4 300	2.7	5.95
7220 BE	100	3.9370	180	7.0866	34	1.3386	135 000	30 340	122 000	27 420	3 200	4 000	3.3	7.28
7221 BE	105	4.1339	190	7.4803	36	1.4173	148 000	33 260	137 000	30 790	3 000	3 800	3.95	8.71
7222 BE	110	4.3307	200	7.8740	38	1.4961	153 000	34 380	143 000	32 130	2 800	3 600	4.6	10.14
7224 B	120	4.7244	215	8.4646	40	1.5748	165 000	37 080	163 000	36 630	2 600	3 600	5.89	12.99
7226 B	130	5.1181	230	9.0551	40	1.5748	186 000	41 800	193 000	43 370	2 400	3 400	6.95	15.32
7228 B	140	5.5118	250	9.8425	42	1.6535	199 000	44 720	212 000	47 640	2 200	3 000	8.85	19.51
7230 B	150	5.9055	270	10.6299	45	1.7717	216 000	48 540	240 000	53 900	2 000	3 200	11.5	25.36
7232 B	160	6.2992	290	11.4173	48	1.8898	255 000	57 300	300 000	67 400	2 000	3 000	14	30.87
7234 B	170	6.6929	310	12.2047	52	2.0472	281 000	63 100	345 000	77 500	1 800	2 800	17.5	38.59
7236 B	180	7.0866	320	12.5984	52	2.0472	291 000	65 400	375 000	84 300	1 800	2 600	18	39.69
7238 B	190	7.4803	340	13.3858	55	2.1654	307 000	69 000	405 000	91 000	1 800	2 600	22	48.51
7240 B	200	7.8740	360	14.1732	58	2.2835	325 000	73 000	430 000	96 600	1 600	2 400	25	55.13
7244 B	220	8.6614	400	15.7480	65	2.5591	390 000	87 600	560 000	125 800	1 400	2 200	37	81.59
7248 B	240	9.4488	440	17.3228	72	2.8346	449 000	100 900	670 000	150 600	1 600	2 600	49	108.05
7252 B	260	10.2362	480	18.8976	80	3.1496	507 000	113 900	780 000	175 300	1 400	1 500	66	145.53
7256 B	280	11.0236	500	19.6850	80	3.1496	507 000	113 900	830 000	186 500	1 400	1 400	67.5	148.84
7260 B	300	11.8110	540	21.2598	85	3.3465	553 000	124 300	930 000	209 000	1 300	1 300	85	187.43
7264 B	320	12.5984	580	22.8346	92	3.6220	572 000	128 500	1 020 000	229 200	1 200	1 200	110	242.55
7268 B	340	13.3858	620	24.4094	92	3.6220	702 000	157 800	1 340 000	301 100	1 100	1 100	125	275.63
7272 B	360	14.1732	650	25.5906	95	3.7402	806 000	181 100	1 559 999	350 600	1 900	1 700	145	319.73
7280 B	400	15.7480	720	28.3465	103	4.0551	728 000	163 600	1 500 000	337 100	900	950	190	418.95

Consult SKF USA Inc. prior to design change or order placement.

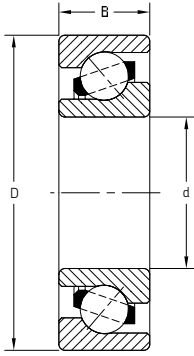
Single row
 Standard and **SKF Explorer**
 Series: 7301 BE – 7348 B
 Size: 12 mm – 240 mm
 0.4724 in – 9.4488 in



These bearings are typically used in pairs and require additional suffix letters to define the end play and preload values as well as cage type for the specific application conditions. Refer to page 60 for details.

Designation	Principal dimensions						Basic load ratings				Speed rating		Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Reference speed	Limiting speed	kg	lb
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min	r/min		
7301 BE	12	0.4724	37	1.4567	12	0.4724	10 600	2 380	5 000	1 120	18 000	24 000	0.06	0.13
7302 BE	15	0.5906	42	1.6535	13	0.5118	13 000	2 920	6 700	1 510	15 000	20 000	0.08	0.18
7303 BE	17	0.6693	47	1.8504	14	0.5512	15 900	3 570	8 300	1 870	14 000	19 000	0.11	0.24
7304 BE	20	0.7874	52	2.0472	15	0.5906	17 400	3 910	9 500	2 130	12 000	16 000	0.14	0.31
7305 BE	25	0.9843	62	2.4409	17	0.6693	24 200	5 440	14 000	3 150	10 000	14 000	0.23	0.51
7306 BE	30	1.1811	72	2.8346	19	0.7480	32 500	7 300	19 300	4 340	8 500	12 000	0.34	0.75
7307 BE	35	1.3780	80	3.1496	21	0.8268	39 000	8 760	24 500	5 510	7 500	10 000	0.45	0.99
7308 BE	40	1.5748	90	3.5433	23	0.9055	46 200	10 380	30 500	6 850	6 700	9 000	0.62	1.37
7309 BE	45	1.7717	100	3.9370	25	0.9843	55 900	12 560	37 500	8 430	6 000	8 000	0.82	1.81
7310 BE	50	1.9685	110	4.3307	27	1.0630	68 900	15 480	47 500	10 670	5 300	7 500	1.1	2.43
7311 BE	55	2.1654	120	4.7244	29	1.1417	79 300	17 820	55 000	12 360	5 000	6 700	1.4	3.09
7312 BE	60	2.3622	130	5.1181	31	1.2205	95 600	21 480	69 500	15 620	4 500	6 000	1.75	3.86
7313 BE	65	2.5591	140	5.5118	33	1.2992	108 000	24 270	80 000	17 980	4 300	5 600	2.15	4.74
7314 BE	70	2.7559	150	5.9055	35	1.3780	119 000	26 740	90 000	20 220	4 000	5 300	2.65	5.84
7315 BE	75	2.9528	160	6.2992	37	1.4567	125 000	28 090	98 000	22 020	3 800	5 000	3.2	7.06
7316 BE	80	3.1496	170	6.6929	39	1.5354	135 000	30 340	110 000	24 720	3 600	4 500	3.8	8.38
7317 BE	85	3.3465	180	7.0866	41	1.6142	146 000	32 810	122 000	27 420	3 200	4 300	4.45	9.81
7318 BE	90	3.5433	190	7.4803	43	1.6929	156 000	35 060	134 000	30 110	3 200	4 000	5.2	11.47
7319 BE	95	3.7402	200	7.8740	45	1.7717	168 000	37 750	150 000	33 710	3 000	3 800	6.05	13.34
7320 BE	100	3.9370	215	8.4646	47	1.8504	203 000	45 620	190 000	42 700	2 800	3 600	7.5	16.54
7321 BE	105	4.1339	225	8.8583	49	1.9291	203 000	45 620	193 000	43 370	2 600	3 400	8.55	18.85
7322 BE	110	4.3307	240	9.4488	50	1.9685	225 000	50 600	224 000	50 300	2 400	3 200	10	22.05
7324 B	120	4.7244	260	10.2362	55	2.1654	238 000	53 500	250 000	56 200	2 200	3 600	14.5	31.97
7326 B	130	5.1181	280	11.0236	58	2.2835	276 000	62 000	305 000	68 500	2 000	2 800	17.1	37.71
7328 B	140	5.5118	300	11.8110	62	2.4409	302 000	67 900	345 000	77 500	2 000	3 000	21.5	47.41
7330 B	150	5.9055	320	12.5984	65	2.5591	332 000	74 600	390 000	87 600	1 900	2 800	26	57.33
7332 B	160	6.2992	340	13.3858	68	2.6772	358 000	80 400	440 000	98 900	1 800	2 600	30.32	66.86
7334 B	170	6.6929	360	14.1732	72	2.8346	390 000	87 600	490 000	110 100	1 600	2 600	36	79.38
7336 B	180	7.0866	380	14.9606	75	2.9528	410 000	92 100	540 000	121 300	1 600	2 400	42	92.61
7338 B	190	7.4803	400	15.7480	78	3.0709	442 000	99 300	600 000	134 800	1 500	2 200	48.5	106.94
7340 B	200	7.8740	420	16.5354	80	3.1496	462 000	103 800	655 000	147 200	1 400	2 200	53	116.87
7344 B	220	8.6614	460	18.1102	88	3.4646	494 000	111 000	720 000	161 800	1 600	1 700	70	154.35
7348 B	240	9.4488	500	19.6850	95	3.7402	559 000	125 600	800 000	179 800	1 400	1 500	89.4	197.13

Consult SKF USA Inc. prior to design change or order placement.



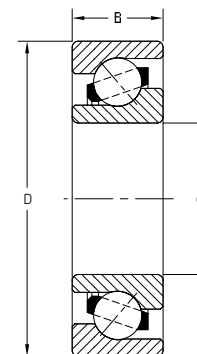
Single row
 Series: 7405 B – 7420
 Standard
 Size: 25 mm – 100 mm
 0.9843 in – 3.9370 in

Series: AMS 22 ABP – ALS 40 ABM
 Standard
 Size: 69.85 mm – 127 mm
 2.75 in – 5.00 in

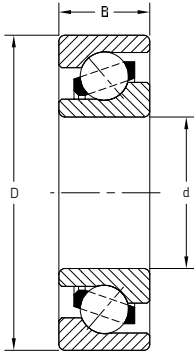
Designation	Principal dimensions						Basic load ratings				Speed rating		Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Reference speed	Limiting speed		
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min	r/min	kg	lb
7405 B	25	0.9843	80	3.1496	21	0.8268	39 700	8 920	23 600	5 300	11 000	11 000	0.61	1.35
7406 B	30	1.1811	90	3.5433	23	0.9055	47 500	10 670	29 000	6 520	10 000	10 000	0.83	1.83
7407 B	35	1.3780	100	3.9370	25	0.9843	60 500	13 600	38 000	8 540	8 500	9 000	1.10	2.43
7408 B	40	1.5748	110	4.3307	27	1.0630	70 200	15 780	45 000	10 110	8 000	8 000	1.40	3.09
7409 B	45	1.7717	120	4.7244	29	1.1417	85 200	19 150	55 000	12 360	7 000	7 500	1.55	3.42
7410 B	50	1.9685	130	5.1181	31	1.2205	95 600	21 480	64 000	14 380	6 300	6 700	2.25	4.96
7411 B	55	2.1654	140	5.5118	33	1.2992	111 000	24 940	76 500	17 190	6 000	6 300	2.35	5.18
7412 B	60	2.3622	150	5.9055	35	1.3780	119 000	26 740	86 500	19 440	5 600	6 000	3.30	7.28
7413 B	65	2.5591	160	6.2992	37	1.4567	130 000	29 210	96 500	21 690	5 000	5 300	4.00	8.82
7414 B	70	2.7559	180	7.0866	42	1.6535	159 000	35 730	127 000	28 540	4 500	4 800	5.00	11.03
7415 B	75	2.9528	190	7.4803	45	1.7717	168 000	37 750	140 000	31 460	4 300	4 500	6.85	15.10
7416 B	80	3.1496	200	7.8740	48	1.8898	178 000	40 000	153 000	34 380	4 000	4 300	8.10	17.86
7417 B	85	3.3465	210	8.2677	52	2.0472	190 000	42 700	166 000	37 300	3 800	4 000	9.60	21.17
7418	90	3.5433	225	8.8583	54	2.1260	212 000	47 640	193 000	43 370	3 600	3 800	11.50	25.36
7419	95	3.7402	250	9.8425	55	2.1654	242 000	54 400	236 000	53 000	3 400	3 400	13.50	29.77
7420	100	3.9370	265	10.4331	60	2.3622	265 000	59 600	270 000	60 700	3 200	3 200	15.50	34.18
AMS 22 ABP	69.85	2.7500	158.75	6.2500	34.92	1.3750	138 000	31 010	104 000	23 370	6 000	6 000	3.60	7.94
AMS 24 ABP	76.20	3.0000	177.80	7.0000	39.69	1.5625	163 000	36 630	137 000	30 790	5 000	5 000	5.21	11.49
ALS 28 ABP	88.90	3.5000	165.10	6.5000	28.57	1.1250	127 000	28 540	112 000	25 170	5 000	5 000	2.89	6.37
ALS 32 ABP	101.60	4.0000	184.15	7.2500	31.75	1.2500	159 000	35 730	143 000	32 130	4 500	4 500	3.15	6.95
ALS 40 ABM	127.00	5.0000	228.60	9.0000	34.92	1.3750	186 000	41 800	190 000	42 700	3 600	3 600	6.10	13.45

Consult SKF USA Inc. prior to design change or order placement.

Single row
 Standard
 Series: 71964 AC – 719/710 ACMB
 Size: 320 mm – 710 mm
 12.5894 in – 27.9528 in



Designation	Principal dimensions						Basic load ratings				Speed rating		Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Reference speed	Limiting speed		
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min	r/min	kg	lb
71964 AC	320	12.5984	440	17.3228	56	2.2047	351 000	78 900	585 000	131 500	1 500	1 600	25.5	56.23
71968 AC	340	13.3858	460	18.1102	56	2.2047	338 000	76 000	585 000	131 500	1 500	1 500	24	52.92
71972 B	360	14.1732	480	18.8976	56	2.2047	302 000	67 900	550 000	123 600	1 400	1 500	28.5	62.84
71972 A	360	14.1732	480	18.8976	56	2.2047	338 000	76 000	610 000	137 100	1 400	1 500	28.5	62.84
71972 AC	360	14.1732	480	18.8976	56	2.2047	351 000	78 900	630 000	141 600	1 400	1 500	28	61.74
71976 AC	380	14.9606	520	20.4724	65	2.5591	410 000	92 100	735 000	165 200	1 300	1 300	40.5	89.30
71980 A	400	15.7480	540	21.2598	65	2.5591	403 000	90 600	735 000	165 200	1 200	1 200	39	86.00
71984 B	420	16.5354	560	22.0472	65	2.5591	364 000	81 800	670 000	150 600	1 200	1 200	44.5	98.12
71984 A	420	16.5354	560	22.0472	65	2.5591	410 000	92 100	765 000	171 900	1 200	1 200	42	92.61
71988 AC	440	17.3228	600	23.6220	74	2.9134	507 000	113 900	1 040 000	233 700	1 000	1 100	61	134.51
71992 AC	460	18.1102	620	24.4094	74	2.9134	507 000	113 900	1 040 000	233 700	1 000	1 100	58	127.89
719/500 AGMB	500	19.6850	670	26.3780	78	3.0709	553 000	124 300	1 220 000	274 200	950	1 000	78	171.99
719/530 ACM	530	20.8661	710	27.9528	82	3.2283	618 000	138 900	1 340 000	301 100	850	900	92	202.86
719/560 AMB	560	22.0472	750	29.5276	85	3.3465	592 000	133 000	1 290 000	289 900	800	850	105	231.53
719/600 ACM	600	23.6220	800	31.4961	90	3.5433	715 000	160 700	1 730 000	388 800	750	800	125	275.63
719/710 ACMB	710	27.9528	950	37.4016	106	4.1732	852 000	191 500	2 200 000	494 400	600	630	195	429.98

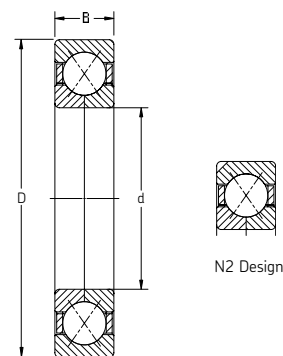


Single row
Standard
Series: 71872 AC – 718/1250 AMB
Size: 360 mm – 1250 mm
14.1732 in – 49.2126 in

Designation	Principal dimensions						Basic load ratings				Speed rating		Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Reference speed	Limiting speed		
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min	r/min	kg	lb
71872 AC	360	14.1732	440	17.3228	38	1.4961	234 000	52 600	425 000	95 500	1 500	1 500	12	26.46
71876 AC	380	14.9606	480	18.8976	46	1.8110	291 000	65 400	500 000	112 400	1 300	1 400	18	39.69
71892 AG	460	18.1102	580	22.8346	56	2.2047	371 000	83 400	765 000	171 900	1 100	1 100	35	77.18
718/500 AM	500	19.6850	620	24.4094	56	2.2047	390 000	87 600	850 000	191 000	1 000	1 000	38	83.79
718/530 AMB	530	20.8661	650	25.5906	56	2.2047	390 000	87 600	900 000	202 200	950	1 000	39.5	87.10
718/560 AMB	560	22.0472	680	26.7717	56	2.2047	397 000	89 200	930 000	209 000	850	900	41.5	91.51
718/600 AMB	600	23.6220	730	28.7402	60	2.3622	449 000	100 900	1 100 000	247 200	800	850	52	114.66
718/670 AMB	670	26.3780	820	32.2835	69	2.7165	527 000	118 400	1 250 000	280 900	700	750	77	169.79
718/670 ACMB	670	26.3780	820	32.2835	69	2.7165	553 000	124 300	1 290 000	289 900	700	750	77	169.79
718/710 AMB	710	27.9528	870	34.2520	74	2.9134	572 000	128 500	1 560 000	350 600	630	670	93.5	206.17
718/710 ACMB	710	27.9528	870	34.2520	74	2.9134	605 000	136 000	1 630 000	366 300	630	630	92.4	203.74
718/750 AGMB	750	29.5276	920	36.2205	78	3.0709	618 000	138 900	1 730 000	388 800	600	630	110	242.55
718/750 ACMB	750	29.5276	920	36.2205	78	3.0709	650 000	146 100	1 800 000	404 500	600	630	110	242.55
718/850 AMB	850	33.4646	1 030	40.5512	82	3.2283	689 000	154 800	1 860 000	418 000	500	530	140	308.70
718/1000 AMB	1 000	39.3701	1 220	48.0315	100	3.9370	923 000	207 400	2 750 000	618 000	400	430	243	535.82
718/1120 AMB	1 120	44.0945	1 360	53.5433	106	4.1732	1 060 000	238 200	3 750 000	842 700	340	360	320	705.60
718/1250 AMB	1 250	49.2126	1 500	59.0551	112	4.4094	1 140 000	256 200	3 900 000	876 400	280	300	390	859.95

Consult SKF USA Inc. prior to design change or order placement.

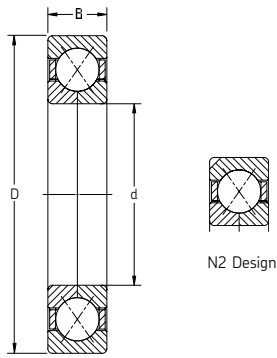
Single row
 Four-point ACBB
 SKF Explorer
 Series: QJ 202 N2MA – QJ 215 MA
 Size: 15 mm – 75 mm
 0.5906 in – 2.9528 in



Designation	Principal dimensions						Basic load ratings				Speed rating	Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Limiting speed	kg	lb
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min		
QJ 202 N2MA	15	0.5906	35	1.3780	11	0.4331	12 700	2 850	8 300	1 870	36 000	0.06	0.1
QJ 203 N2MA	17	0.6693	40	1.5748	12	0.4724	17 000	3 820	11 400	2 560	30 000	0.08	0.2
QJ 205 MA	25	0.9843	52	2.0472	15	0.5906	27 000	6 070	21 200	4 760	22 000	0.16	0.4
QJ 205 N2MA	25	0.9843	52	2.0472	15	0.5906	27 000	6 070	21 200	4 760	22 000	0.16	0.4
QJ 206 MA	30	1.1811	62	2.4409	16	0.6299	37 500	8 430	30 500	6 850	19 000	0.24	0.5
QJ 206 N2MA	30	1.1811	62	2.4409	16	0.6299	37 500	8 430	30 500	6 850	19 000	0.24	0.5
QJ 207 N2MA	35	1.3780	72	2.8346	17	0.6693	49 000	11 010	41 500	9 330	17 000	0.35	0.8
QJ 208 MA	40	1.5748	80	3.1496	18	0.7087	56 000	12 580	49 000	11 010	15 000	0.45	1.0
QJ 208 N2MA	40	1.5748	80	3.1496	18	0.7087	56 000	12 580	49 000	11 010	15 000	0.45	1.0
QJ 209 MA	45	1.7717	85	3.3465	19	0.7480	63 000	14 160	56 000	12 580	14 000	0.52	1.1
QJ 210 MA	50	1.9685	90	3.5433	20	0.7874	65 500	14 720	61 000	13 710	13 000	0.59	1.3
QJ 211 MA	55	2.1654	100	3.9370	21	0.8268	85 000	19 100	83 000	18 650	11 000	0.77	1.7
QJ 211 N2MA	55	2.1654	100	3.9370	21	0.8268	85 000	19 100	83 000	18 650	11 000	0.77	1.7
QJ 212 MA	60	2.3622	110	4.3307	22	0.8661	96 500	21 690	93 000	20 900	10 000	0.99	2.2
QJ 212 N2MA	60	2.3622	110	4.3307	22	0.8661	96 500	21 690	93 000	20 900	10 000	0.99	2.2
QJ 213 MA	65	2.5591	120	4.7244	23	0.9055	110 000	24 720	112 000	25 170	9 500	1.20	2.6
QJ 213 N2MA	65	2.5591	120	4.7244	23	0.9055	110 000	24 720	112 000	25 170	9 500	1.20	2.6
QJ 214 MA	70	2.7559	125	4.9213	24	0.9449	120 000	26 970	122 000	27 420	9 000	1.30	2.9
QJ 214 N2MA	70	2.7559	125	4.9213	24	0.9449	120 000	26 970	122 000	27 420	9 000	1.30	2.9
QJ 215 MA	75	2.9528	130	5.1181	25	0.9843	125 000	28 090	132 000	29 660	8 500	1.45	3.2

Consult SKF USA Inc. prior to design change or order placement.

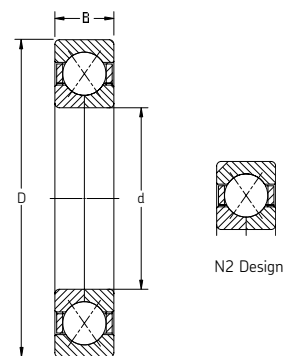
Single row
 Four-point ACBB
 Standard and **SKF Explorer**
 Series: QJ 215 N2MA – QJ 260 N2MA
 Size: 75 mm – 260 mm
 2.9528 in – 10.2362 in



Designation	Principal dimensions						Basic load ratings				Speed rating	Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Limiting speed		
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min	kg	lb
QJ 215 N2MA	75	2.9528	130	5.1181	25	0.9843	125 000	28 090	132 000	29 660	8 500	1.45	3.2
QJ 216 MA	80	3.1496	140	5.5118	26	1.0236	146 000	32 810	156 000	35 060	8 000	1.85	4.1
QJ 216 N2MA	80	3.1496	140	5.5118	26	1.0236	146 000	32 810	156 000	35 060	8 000	1.85	4.1
QJ 217 MA	85	3.3465	150	5.9055	28	1.1024	156 000	35 060	173 000	38 880	7 500	2.25	5.0
QJ 217 N2MA	85	3.3465	150	5.9055	28	1.1024	156 000	35 060	173 000	38 880	7 500	2.25	5.0
QJ 218 N2MA	90	3.5433	160	6.2992	30	1.1811	186 000	41 800	200 000	44 940	7 000	2.75	6.1
QJ 219 N2MA	95	3.7402	170	6.6929	32	1.2598	212 000	47 640	232 000	52 100	6 700	3.35	7.4
QJ 220 N2MA	100	3.9370	180	7.0866	34	1.3386	236 000	53 000	265 000	59 600	6 300	4.05	8.9
QJ 222 N2MA	110	4.3307	200	7.8740	38	1.4961	280 000	62 900	325 000	73 000	5 600	5.60	12.3
QJ 224 N2MA	120	4.7244	215	8.4646	40	1.5748	300 000	67 400	365 000	82 000	5 000	6.95	15.3
QJ 226 N2MA	130	5.1181	230	9.0551	40	1.5748	310 000	69 700	400 000	89 900	4 800	7.75	17.1
QJ 228 N2MA	140	5.5118	250	9.8425	42	1.6535	345 000	77 500	475 000	106 700	4 300	9.85	21.7
QJ 230 N2MA	150	5.9055	270	10.6299	45	1.7717	400 000	89 900	570 000	128 100	4 000	12.50	27.6
QJ 232 N2MA	160	6.2992	290	11.4173	48	1.8898	450 000	101 100	670 000	150 600	3 800	15.50	34.2
QJ 234 N2MA	170	6.6929	310	12.2047	52	2.0472	455 000	102 200	720 000	161 800	3 400	19.50	43.0
QJ 236 N2MA	180	7.0866	320	12.5984	52	2.0472	475 000	106 700	765 000	171 900	3 400	20.50	45.2
QJ 238 N2MA	190	7.4803	340	13.3858	55	2.1654	510 000	114 600	850 000	191 000	3 200	23.30	51.4
QJ 240 N2MA	200	7.8740	360	14.1732	58	2.2835	540 000	121 300	915 000	205 600	3 000	28.50	62.8
QJ 248 N2MA	240	9.4488	440	17.3228	72	2.8346	650 000	146 100	1 200 000	269 700	2 400	53.20	117.3
QJ 252 N2MA	260	10.2362	480	18.8976	80	3.1496	728 000	163 600	1 430 000	321 300	2 200	68.00	149.9

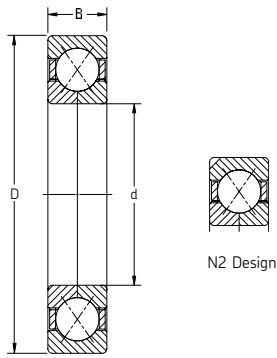
Consult SKF USA Inc. prior to design change or order placement.

Single row
 Four-point ACBB
 SKF Explorer
 Series: QJ 303 N2MA – QJ 313 MA
 Size: 17 mm – 65 mm
 0.6693 in – 2.5591 in



Designation	Principal dimensions						Basic load ratings				Speed rating	Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Limiting speed	kg	lb
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min		
QJ 303 N2MA	17	0.6693	47	1.8504	14	0.5512	23 400	5 260	15 000	3 370	28 000	0.14	0.3
QJ 304 MA	20	0.7874	52	2.0472	15	0.5906	32 000	7 190	21 600	4 850	24 000	0.18	0.4
QJ 304 N2MA	20	0.7874	52	2.0472	15	0.5906	32 000	7 190	21 600	4 850	24 000	0.18	0.4
QJ 305 MA	25	0.9843	62	2.4409	17	0.6693	42 500	9 550	30 000	6 740	20 000	0.29	0.6
QJ 305 N2MA	25	0.9843	62	2.4409	17	0.6693	42 500	9 550	30 000	6 740	20 000	0.29	0.6
QJ 306 MA	30	1.1811	72	2.8346	19	0.7480	53 000	11 910	41 500	9 330	17 000	0.42	0.9
QJ 306 N2MA	30	1.1811	72	2.8346	19	0.7480	53 000	11 910	41 500	9 330	17 000	0.42	0.9
QJ 307 MA	35	1.3780	80	3.1496	21	0.8268	64 000	14 380	51 000	11 460	15 000	0.57	1.3
QJ 307 N2MA	35	1.3780	80	3.1496	21	0.8268	64 000	14 380	51 000	11 460	15 000	0.57	1.3
QJ 308 MA	40	1.5748	90	3.5433	23	0.9055	78 000	17 530	64 000	14 380	14 000	0.78	1.7
QJ 308 N2MA	40	1.5748	90	3.5433	23	0.9055	78 000	17 530	64 000	14 380	14 000	0.78	1.7
QJ 309 MA	45	1.7717	100	3.9370	25	0.9843	100 000	22 470	83 000	18 650	12 000	1.05	2.3
QJ 309 N2MA	45	1.7717	100	3.9370	25	0.9843	100 000	22 470	83 000	18 650	12 000	1.05	2.3
QJ 310 MA	50	1.9685	110	4.3307	27	1.0630	118 000	26 520	100 000	22 470	11 000	1.35	3.0
QJ 311 MA	55	2.1654	120	4.7244	29	1.1417	137 000	30 790	118 000	26 520	10 000	1.75	3.9
QJ 311 N2MA	55	2.1654	120	4.7244	29	1.1417	137 000	30 790	118 000	26 520	10 000	1.75	3.9
QJ 312 MA	60	2.3622	130	5.1181	31	1.2205	156 000	35 060	137 000	30 790	9 000	2.15	4.7
QJ 312 N2MA	60	2.3622	130	5.1181	31	1.2205	156 000	35 060	137 000	30 790	9 000	2.15	4.7
QJ 313 MA	65	2.5591	140	5.5118	33	1.2992	176 000	39 550	156 000	35 060	8 500	2.70	6.0

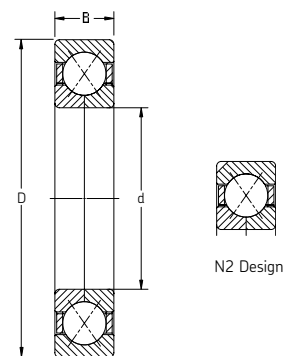
Single row
 Four-point ACBB
 Standard and SKF Explorer
 Series: QJ 314 MA – QJ 344 N2MA
 Size: 70 mm – 220 mm
 2.7559 in – 8.6614 in



Designation	Principal dimensions						Basic load ratings				Speed rating	Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Limiting speed		
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min	kg	lb
QJ 314 MA	70	2.7559	150	5.9055	35	1.3780	200 000	44 940	180 000	40 450	8 000	3.15	6.9
QJ 314 N2MA	70	2.7559	150	5.9055	35	1.3780	200 000	44 940	180 000	40 450	8 000	3.15	6.9
QJ 315 N2MA	75	2.9528	160	6.2992	37	1.4567	216 000	48 540	200 000	44 940	7 500	3.90	8.6
QJ 316 N2MA	80	3.1496	170	6.6929	39	1.5354	232 000	52 100	228 000	51 200	7 000	4.60	10.1
QJ 317 N2MA	85	3.3465	180	7.0866	41	1.6142	250 000	56 200	255 000	57 300	6 700	5.45	12.0
QJ 318 N2MA	90	3.5433	190	7.4803	43	1.6929	285 000	64 000	305 000	68 500	6 300	6.45	14.2
QJ 319 N2MA	95	3.7402	200	7.8740	45	1.7717	305 000	68 500	340 000	76 400	6 000	7.45	16.4
QJ 320 N2MA	100	3.9370	215	8.4646	47	1.8504	345 000	77 500	400 000	89 900	5 600	9.30	20.5
QJ 322 N2MA	110	4.3307	240	9.4488	50	1.9685	390 000	87 600	480 000	107 900	4 800	12.50	27.6
QJ 324 N2MA	120	4.7244	260	10.2362	55	2.1654	415 000	93 300	530 000	119 100	4 500	16.00	35.3
QJ 326 N2MA	130	5.1181	280	11.0236	58	2.2835	455 000	102 200	610 000	137 100	4 000	19.50	43.0
QJ 328 N2MA	140	5.5118	300	11.8110	62	2.4409	500 000	112 400	695 000	156 200	3 800	24.00	52.9
QJ 330 N2MA	150	5.9055	320	12.5984	65	2.5591	530 000	119 100	765 000	171 900	3 600	29.00	63.9
QJ 332 N2MA	160	6.2992	340	13.3858	68	2.6772	570 000	128 100	880 000	197 800	3 400	34.50	76.1
QJ 334 N2MA	170	6.6929	360	14.1732	72	2.8346	655 000	147 200	1 040 000	233 700	3 200	41.50	91.5
QJ 336 N2MA	180	7.0866	380	14.9606	75	2.9528	680 000	152 800	1 100 000	247 200	3 000	47.50	104.7
QJ 338 N2MA	190	7.4803	400	15.7480	78	3.0709	702 000	157 800	1 159 999	260 700	2 800	49.00	108.0
QJ 344 N2MA	220	8.6614	460	18.1102	88	3.4646	780 000	175 300	1 399 999	314 600	2 400	78.00	172.0

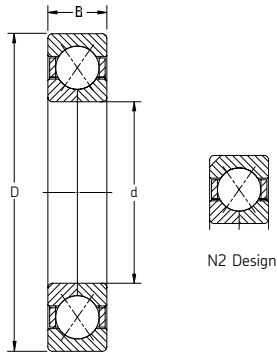
Consult SKF USA Inc. prior to design change or order placement.

Single row
 Four-point ACBB
 Standard and [SKF Explorer](#)
 Series: QJ 1017 N2MA – QJ 1096 N2MA
 Size: 85 mm – 480 mm
 3.3465 in – 18.8976 in



Designation	Principal dimensions						Basic load ratings				Speed rating	Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Limiting speed	kg	lb
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min		
QJ 1017 N2MA	85	3.3465	130	5.1181	22	0.8661	99 500	22 360	114 000	25 620	8 000	1.10	2.40
QJ 1021 N2MA	105	4.1339	160	6.2992	26	1.0236	135 000	30 340	170 000	38 200	6 700	2.00	4.40
QJ 1022 N2MA	110	4.3307	170	6.6929	28	1.1024	153 000	34 380	193 000	43 370	6 300	2.50	5.50
QJ 1030 N2MA	150	5.9055	225	8.8583	35	1.3780	242 000	54 400	335 000	75 300	4 500	5.25	11.60
QJ 1032 N2MA	160	6.2992	240	9.4488	38	1.4961	270 000	60 700	380 000	85 400	4 300	6.45	14.20
QJ 1038 N2MA	190	7.4803	290	11.4173	46	1.8110	364 000	81 800	560 000	125 800	3 400	11.50	25.40
QJ 1040 N2MA	200	7.8740	310	12.2047	51	2.0079	390 000	87 600	620 000	139 300	3 200	15.00	33.10
QJ 1056 N2MA	280	11.0236	420	16.5354	65	2.5591	585 000	131 500	1 139 999	256 200	2 400	33.50	73.90
QJ 1060 MA	300	11.8110	460	18.1102	74	2.9134	702 000	157 800	1 429 999	321 300	2 200	47.00	103.60
QJ 1060 N2MA	300	11.8110	460	18.1102	74	2.9134	650 000	146 100	1 340 000	301 100	2 200	47.50	104.70
QJ 1064 MA	320	12.5984	480	18.8976	74	2.9134	715 000	160 700	1 529 999	343 800	2 000	50.00	110.30
QJ 1064 N2MA	320	12.5984	480	18.8976	74	2.9134	715 000	160 700	1 530 000	343 800	2 000	50.00	110.30
QJ 1068 N2MA	340	13.3858	520	20.4724	82	3.2283	780 000	175 300	1 700 000	382 000	1 800	67.50	148.80
QJ 1072 N2MA	360	14.1732	540	21.2598	82	3.2283	852 000	191 500	1 930 000	433 700	1 700	70.50	155.50
QJ 1076 N2MA	380	14.9606	560	22.0472	82	3.2283	884 000	198 700	2 039 999	458 400	1 600	72.50	159.90
QJ 1080 N2MA	400	15.7480	600	23.6220	90	3.5433	904 000	203 100	2 160 000	485 400	1 500	95.00	209.50
QJ 1084 N2MA	420	16.5354	620	24.4094	90	3.5433	923 000	207 400	2 280 000	512 400	1 500	99.50	219.40
QJ 1088 N2MA	440	17.3228	650	25.5906	94	3.7008	995 000	223 600	2 500 000	561 800	1 400	115.00	253.60
QJ 1092 N2MA	460	18.1102	680	26.7717	100	3.9370	1 040 000	233 700	2 650 000	595 500	1 300	130.00	286.70
QJ 1096 N2MA	480	18.8976	700	27.5591	100	3.9370	1 060 000	238 200	2 799 999	629 200	1 300	135.00	297.70

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Single row
 Four-point ACBB
 Standard and **SKF Explorer**
 Series: QJ 1096 N2MA – QJ 1296 N2MA
 Size: 200 mm – 480 mm
 7.8740 in – 18.8976 in

Series: QJ 1984 N2MA – QJ 1988 N2MA
 Size: 420 mm – 440 mm
 16.5354 in – 17.3228 in

Designation	Principal dimensions						Basic load ratings				Speed rating	Mass	
	Bore d		Outside diameter D		Width B		Dynamic C		Static C ₀		Limiting speed	kg	lb
	mm	in	mm	in	mm	in	N	lbf	N	lbf	r/min		
QJ 1240 N2MA	200	7.8740	360	14.1732	70	2.7559	520 000	116 900	865 000	194 400	3 000	32.50	71.70
QJ 1244 N2MA	220	8.6614	400	15.7480	78	3.0709	592 000	133 000	1 020 000	229 200	2 600	45.50	100.30
QJ 1248 MA/344524	240	9.4488	440	17.3228	85	3.3465	663 000	149 000	1 220 000	274 200	2 400	61.00	134.50
QJ 1252 MA	260	10.2362	480	18.8976	90	3.5433	741 000	166 500	1 460 000	328 100	2 200	78.50	173.10
QJ 1252 N2MA	260	10.2362	480	18.8976	90	3.5433	741 000	166 500	1 459 999	328 100	2 200	78.00	172.00
QJ 1256 N2MA	280	11.0236	500	19.6850	90	3.5433	728 000	163 600	1 460 000	328 100	2 000	82.00	180.80
QJ 1260 N2MA	300	11.8110	540	21.2598	98	3.8583	832 000	187 000	1 760 000	395 500	1 900	105.00	231.50
QJ 1264 N2MA	320	12.5984	580	22.8346	105	4.1339	956 000	214 800	2 080 000	467 400	1 700	130.00	286.70
QJ 1268 MA/344524	340	13.3858	620	24.4094	118	4.6457	1 060 000	238 200	2 450 000	550 600	1 600	165.00	363.80
QJ 1272 N2MA	360	14.1732	650	25.5906	122	4.8031	1 110 000	249 400	2 600 000	584 300	1 500	190.00	419.00
QJ 1276 N2MA	380	14.9606	680	26.7717	132	5.1969	1 170 000	262 900	2 850 000	640 400	1 400	220.00	485.10
QJ 1280 N2MA	400	15.7480	720	28.3465	140	5.5118	1 300 000	292 100	3 250 000	730 300	1 300	265.00	584.30
QJ 1284 N2MA	420	16.5354	760	29.9213	150	5.9055	1 430 000	321 300	3 750 000	842 700	1 300	315.00	694.60
QJ 1288 N2MA	440	17.3228	790	31.1024	155	6.1024	1 400 000	314 600	3 750 000	842 700	1 200	350.00	771.80
QJ 1292 N2MA	460	18.1102	830	32.6772	165	6.4961	1 530 000	343 800	4 250 000	955 100	1 100	415.00	915.10
QJ 1296 N2MA	480	18.8976	870	34.2520	170	6.6929	1 680 000	377 500	4 750 000	1 067 400	1 100	470.00	1036.40
QJ 1984 MA	420	16.5354	560	22.0472	65	2.5591	637 000	143 100	1 600 000	359 600	1 600	51.00	112.50
QJ 1988 N2MA	440	17.3228	600	23.6220	74	2.9134	761 000	171 000	1 900 000	427 000	1 500	65.00	143.30

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