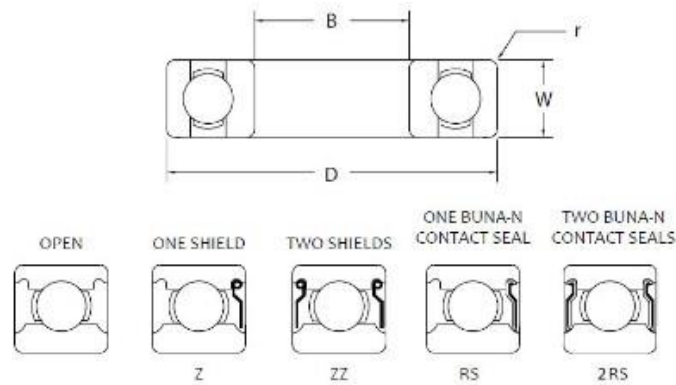


# Single Row Metric Radial Type Ball Bearings

## 600 Series Extra Small Bearings

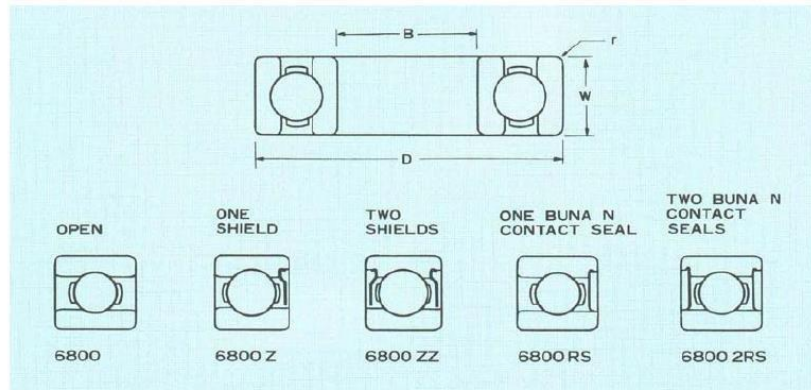
The 600 series, extra small metric bearings are produced in a limited number of sizes ranging from 4mm bore through 9 mm bore size. These bearings are capable of sustaining radial, thrust or combined loads in proportion to the small shafts for which they are designed. This series is produced open, shield ed, sealed or with various combinations of closure. These bearings are available in 440C stainless steel. Contact your Noma Sales Representative for availability.



Item #	Bore - B (mm)	Bore - B (Inches)	O.D. - D (mm)	O.D. - D (Inches)	Width - W (mm)	Width - W (Inches)	Balls Size	r (mm)	Dynamic Basic Load Rating (Lbs)	Static Basic Load Rating (Lbs)
<a href="#">634</a>	4	0.1575	16	0.6299	5	0.1969	7/64	0.5	389	149
<a href="#">635</a>	5	0.1969	19	0.7480	6	0.2362	3.5	0.5	586	236
<a href="#">626</a>	6	0.2362	19	0.7480	6	0.2362	3.5	0.5	586	236
<a href="#">607</a>	7	0.2756	19	0.7480	6	0.2362	3.5	0.5	586	236
<a href="#">627</a>	7	0.2756	22	0.8661	7	0.2756	5/32	0.5	739	304
<a href="#">608</a>	8	0.3150	22	0.8661	7	0.2756	5/32	0.5	739	304
<a href="#">629</a>	9	0.3543	26	1.0236	8	0.3150	3/16	0.5	1027	438

# 6000 Series Extra Light Bearings

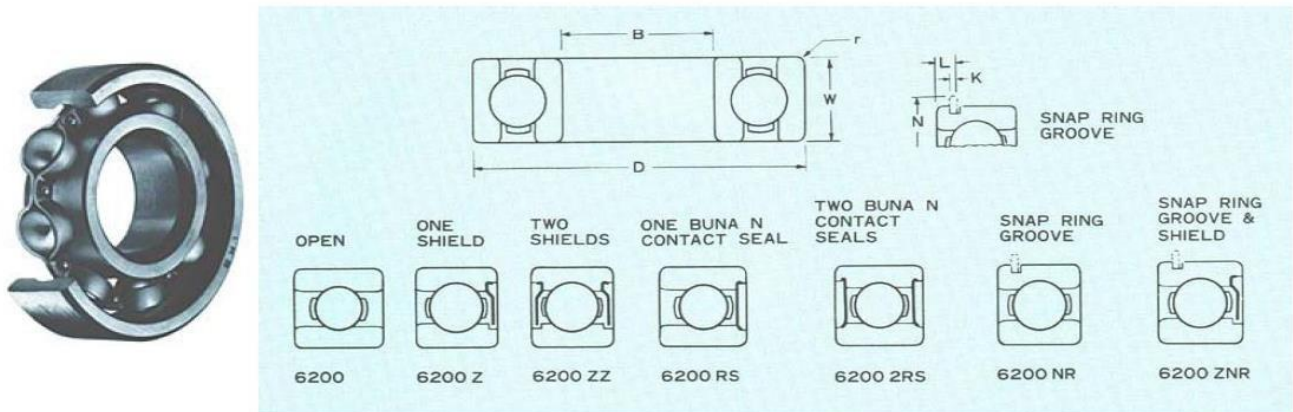
The 6000 series, extra light bearings were specifically designed for applications where space limitations are a primary consideration and shafts are relatively large. These bearings are capable of withstanding radial, thrust or combined loads within their basic load ratings. This series is produced open, shielded, sealed or with various combinations of closure. Snap ring grooves are an optional item. This series bearing is also available in 440C stainless steel.



Bearing Number	BORE-B		O.D.-D		WIDTH-W		BALLS	r mm	BASIC LOAD RATINGS			
	mm	Inches	mm	Inches	mm	Inches			lbs		kgs	
									Dynamic	Static	Dynamic	Static
6800	10	.3937	19	.7480	5	.1969	11-3/32	0.5	410	172	186	78
6801	12	.4724	21	.8268	5	.1969	12-3/32	0.5	430	188	195	85
6802	15	.5906	24	.9449	5	.1969	14-3/32	0.5	466	219	212	99
6803	17	.6693	26	1.0236	5	.1969	13-7/64	0.5	589	276	268	125
6804	20	.7874	32	1.2598	7	.2756	13-3.5	0.5	902	438	410	199
6805	25	.9843	37	1.4567	7	.2756	13-5/32	0.5	1118	563	508	256
6806	30	1.1811	42	1.6535	7	.2756	15-5/32	0.5	1198	650	545	295
6807	35	1.3780	47	1.8504	7	.2756	17-5/32	0.5	1271	736	578	335
6808	40	1.5748	52	2.0472	7	.2756	19-5/32	0.5	1335	823	607	374
6809	45	1.7717	58	2.2835	7	.2756	21-5/32	0.5	1393	910	633	413
6810	50	1.9685	65	2.5591	7	.2756	24-5/32	0.5	1476	1040	671	473

# 6200 Series Light Bearings

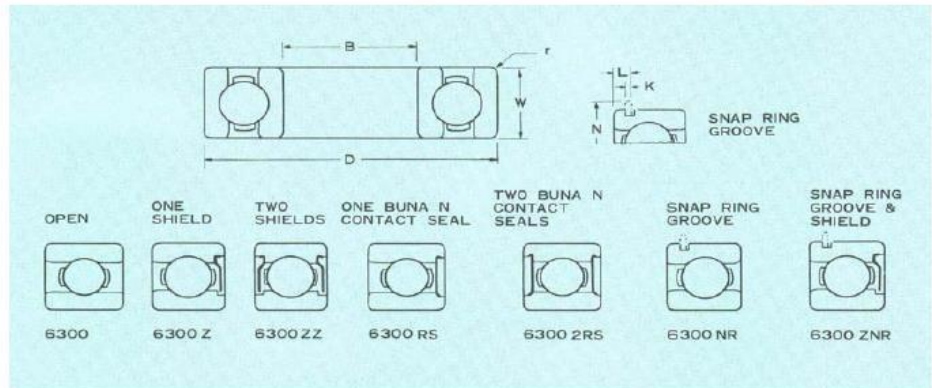
The 6200 light series designed with deep, close-contoured races offer a perfectly balanced bearing with the capacity to carry radial, thrust or combined loads. This series was specifically developed to provide maximum performance by means of precise ball complement selection. The 6200 series is produced open, shielded, sealed or with various combinations of closure. These bearings can be provided with a snap ring groove. Bearings in this series are available in 440C stainless steel.



Bearing Number	BORE-B		O.D.-D		WIDTH-W		BALLS	r mm	BASIC LOAD RATINGS			
	mm	Inches	mm	Inches	mm	Inches	No. - Size		lbs		kgs	
									Dynamic	Static	Dynamic	Static
6200	10	.3937	30	1.1811	9	.3543	8-3/16	1.0	1147	500	521	227
6201	12	.4724	32	1.2598	10	.3937	7-15/64	1.0	1525	684	693	310
6202	15	.5906	35	1.3780	11	.4331	8-15/64	1.0	1713	781	779	354
6203	17	.6693	40	1.5748	12	.4724	8-17/64	1.0	2145	1004	975	455
6204	20	.7874	47	1.8504	14	.5512	8-5/16	1.5	2880	1389	1309	630
6205	25	.9843	52	2.0472	15	.5906	9-5/16	1.5	3146	1563	1430	709
6206	30	1.1811	62	2.4409	16	.6299	9-3/8	1.5	4367	2250	1985	1021
6207	35	1.3780	72	2.8346	17	.6693	9-7/16	2.0	5763	3063	2620	1389
6208	40	1.5748	80	3.1496	18	.7087	9-15/32	2.0	6529	3516	2968	1595
6209	45	1.7717	85	3.3465	19	.7480	9-1/2	2.0	7336	4000	3335	1815
6210	50	1.9685	90	3.5433	20	.7874	10-1/2	2.0	7868	4445	3576	2016

# 6300 Medium Series Bearings

The 6300 medium series bearings is similar in function to the 6200 series bearing. This series is produced with heavier races and greater ball complement enabling the bearing to carry considerably greater radial, thrust and combined loads for a given bore size. This bearing is also capable of withstanding heavy shock loads. Bearings in this series are produced open, shielded, sealed or with various combinations of closure. Snap ring grooves are an optional item. This series is also available in 440C stainless steel.



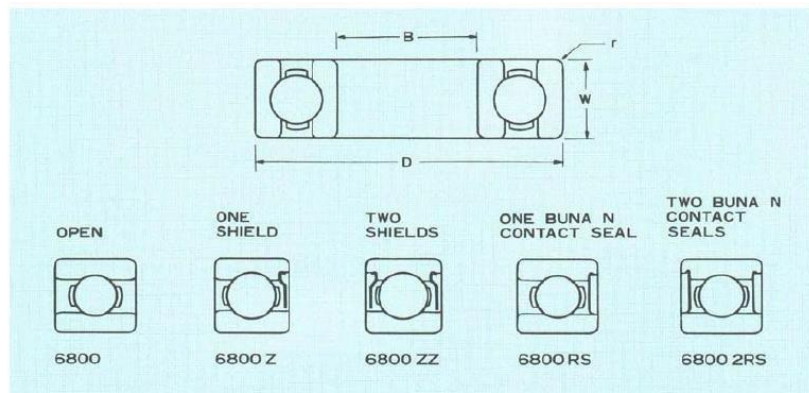
Bearing Number	BORE-B		O.D.-D		WIDTH-W		BALLS	r	BASIC LOAD RATINGS				
	mm	Inches	mm	Inches	mm	Inches	No. - Size		mm	lbs		kgs	
										Dynamic	Static	Dynamic	Static
6300	10	.3937	35	1.3780	11	.4331	6-9/32	1.0	1819	844	827	383	
6301	12	.4724	37	1.4567	12	.4724	6-5/16	1.5	2182	1042	992	473	
6302	15	.5906	42	1.6535	13	.5118	7-5/16	1.5	2565	1215	1166	551	
6303	17	.6693	47	1.8504	14	.5512	7-11/32	1.5	3054	1471	1388	667	
6304	20	.7874	52	2.0472	15	.5906	7-3/8	2.0	3572	1750	1624	794	
6305	25	.9843	62	2.4409	17	.6693	8-13/32	2.0	4616	2347	2098	1065	
6306	30	1.1811	72	2.8346	19	.7480	8-15/32	2.0	5977	3125	2717	1418	
6307	35	1.3780	80	3.1496	21	.8268	8-17/32	2.5	7470	4014	3396	1821	
6308	40	1.5748	90	3.5433	23	.9055	8-19/32	2.5	9129	5014	4150	2274	
6309	45	1.7717	100	3.9370	25	.9843	8-11/16	2.5	11872	6723	5396	3049	
6310	50	1.9685	110	4.3307	27	1.0630	8-3/4	3.0	13902	8001	6319	3629	



# Single Row Metric Thin Section Ball Bearings

## 6800 Series – For Limited Space Applications

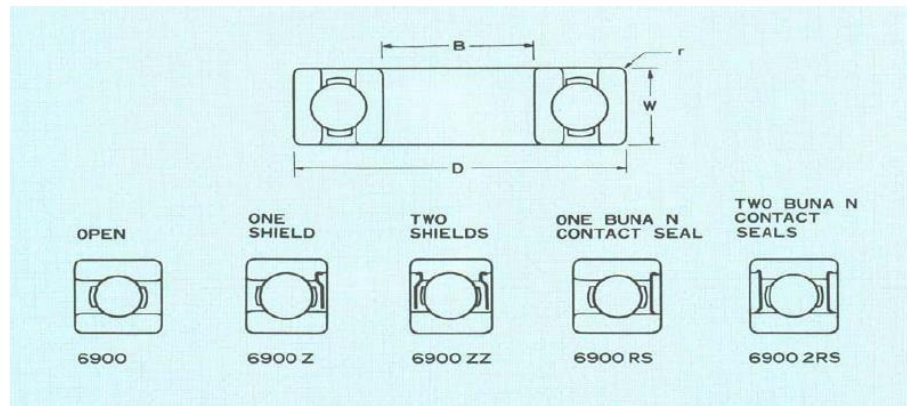
The thin line 6800 series bearing was developed for applications where space limitations are of primary consideration. These bearings can accommodate relatively light radial, thrust or combined loads within their basic load ratings. This series is produced open, shielded, sealed or with various combinations of closure. The 6800 series is also available in 440C stainless steel.



Bearing Number	BORE-B		O.D.-D		WIDTH-W		BALLS	r  mm	BASIC LOAD RATINGS			
	mm	Inches	mm	Inches	mm	Inches	No. - Size		lbs		kgs	
									Dynamic	Static	Dynamic	Static
6800	10	.3937	19	.7480	5	.1969	11-3/32	0.5	410	172	186	78
6801	12	.4724	21	.8268	5	.1969	12-3/32	0.5	430	188	195	85
6802	15	.5906	24	.9449	5	.1969	14-3/32	0.5	466	219	212	99
6803	17	.6693	26	1.0236	5	.1969	13-7/64	0.5	589	276	268	125
6804	20	.7874	32	1.2598	7	.2756	13-3.5	0.5	902	438	410	199
6805	25	.9843	37	1.4567	7	.2756	13-5/32	0.5	1118	563	508	256
6806	30	1.1811	42	1.6535	7	.2756	15-5/32	0.5	1198	650	545	295
6807	35	1.3780	47	1.8504	7	.2756	17-5/32	0.5	1271	736	578	335
6808	40	1.5748	52	2.0472	7	.2756	19-5/32	0.5	1335	823	607	374
6809	45	1.7717	58	2.2835	7	.2756	21-5/32	0.5	1393	910	633	413
6810	50	1.9685	65	2.5591	7	.2756	24-5/32	0.5	1476	1040	671	473

# 6900 Series – For Limited Space Applications

The thin line 6900 series is similar in function to the 6800 series for use where space limitations are a factor. This series is produced with slightly heavier races and different ball complements enabling the bearing to carry moderately greater loads. This series is produced open, shielded, sealed or with various combination of closures. The 6900 series is also available in 440C stainless steel.



Bearing Number	BORE-B		O.D.-D		WIDTH-W		BALLS	r mm	BASIC LOAD RATINGS			
									lbs		kgs	
	mm	Inches	mm	Inches	mm	Inches	No. - Size		Dynamic	Static	Dynamic	Static
6900	10	.3937	22	.8661	6	.2362	9-1/8	0.5	748	303	340	138
6901	12	.4724	24	.9449	6	.2362	8-5/32	0.5	648	277	295	126
6902	15	.5906	28	1.1024	7	.2756	10-5/32	0.5	970	434	441	197
6903	17	.6693	30	1.1811	7	.2756	11-5/32	0.5	1030	477	468	217
6904	20	.7874	37	1.4567	9	.3543	11-3/16	0.5	1430	688	650	312
6905	25	.9843	42	1.6535	9	.3543	13-3/16	0.5	1574	813	715	369
6906	30	1.1811	47	1.8504	9	.3543	14-3/16	0.5	1623	875	738	397
6907	35	1.3780	55	2.1654	10	.3937	13-15/64	1.0	2331	1270	1060	576
6908	40	1.5748	62	2.4409	12	.4724	14-17/64	1.0	3060	1756	1391	797
6909	45	1.7717	68	2.6772	12	.4724	15-17/64	1.0	3163	1882	1438	854
6910	50	1.9685	72	2.8346	12	.4724	16-17/64	1.0	3255	2007	1479	910

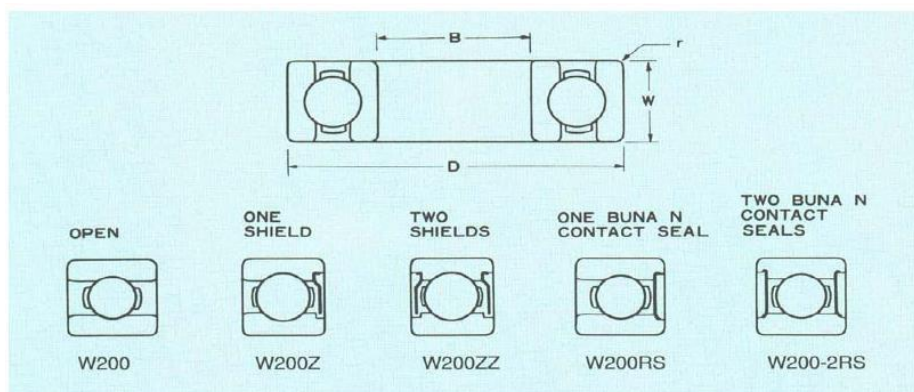
# Single Row Inch Radial Type Ball Bearings

## R-Series Ball Bearings

Bearing Number	BORE-B		O.D.-D		WIDTH-W				BALLS		BASIC LOAD RATINGS			
	Fraction	Inches	Fraction	Inches	Open		Shield & Sealed		No./ Size	r inch	lbs		kgs	
					Fraction	Inches	Fraction	Inches			DYNAMIC	STATIC	DYNAMIC	STATIC
R3	3/16	.1875	1/2	.5000	5/32	.1562		.1960	7-3/32	.012	292	109	133	50
R4	1/4	.2500	5/8	.6250		.1960		.1960	8-3/32	.012	332	125	151	57
R4A	1/4	.2500	3/4	.7500	7/32	.2188	9/32	.2812	6-5/32	.016	632	260	287	118
R6	3/8	.3750	7/8	.8750	7/32	.2188	9/32	.2812	7-5/32	.016	746	304	339	138
R8	1/2	.5000	1 1/8	1.1250	1/4	.2500	5/16	.3125	8-3/16	.016	1147	500	521	227
R10	5/8	.6250	1 3/8	1.3750	9/32	.2812	11/32	.3438	10-3/16	.031	1347	625	612	284
R12	3/4	.7500	1 5/8	1.6250	5/16	.3125	7/16	.4375	9-1/4	.031	2105	1000	957	454
R14	7/8	.8750	1 7/8	1.8750	3/8	.3750	1/2	.5000	10-1/4	.031	2259	1111	1027	504
R16	1	1.0000	2	2.0000	3/8	.3750	1/2	.5000	10-1/4	.031	2254	1111	1024	504
R18	1 1/8	1.1250	2 1/8	2.1250	3/8	.3750	1/2	.5000	11-9/32	.031	2968	1544	1349	702
R20	1 1/4	1.2500	2 1/4	2.2500	3/8	.3750	1/2	.5000	12-9/32	.031	3140	1688	1427	766
R24	1 1/2	1.5000	2 5/8	2.6250	7/16	.4375	9/16	.5625	12-5/16	.039	3761	2079	1709	945

# Single Row Angular Contact BallBearings

## W200/W300 Series Single Row Wide Type BallBearings

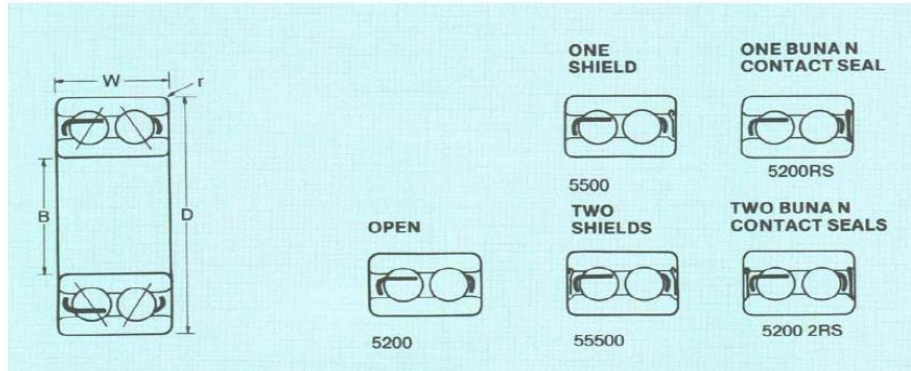


Bearing Number	BORE-B		DIAMETER-D		WIDTH-W		BALLS	r  Inch	BASIC LOAD RATINGS			
	mm	Inches	mm	Inches	mm	Inches	No. - Size		lbs		kgs	
									Dynamic	Static	Dynamic	Static
W200	10	.3937	30	1.1811	14.29	.5625	7-3/16	.025	1147	500	521	227
W201	12	.4724	32	1.2598	15.88	.6250	7-15/64	.025	1525	684	693	310
W202	15	.5906	35	1.3780	15.88	.6250	8-15/64	.025	1713	781	779	354
W203	17	.6693	40	1.5748	17.46	.6875	8-17/64	.025	2145	1004	975	455
W204	20	.7874	47	1.8504	20.64	.8125	8-5/16	.040	2880	1389	1309	630
W205	25	.9843	52	2.0472	20.64	.8125	9-5/16	.040	3146	1563	1430	709
W206	30	1.1811	62	2.4409	23.81	.9375	9-3/8	.040	4367	2250	1985	1021
W207	35	1.3780	72	2.8346	26.99	1.0625	9-7/16	.040	5763	3063	2620	1389
W304	20	.7874	52	2.0472	22.23	.8750	7-3/8	.040	3572	1750	1624	794
W305	25	.9843	62	2.4409	25.4	1.0000	8-13/32	.040	4616	2347	2098	1065
W306	30	1.1811	72	2.8346	30.16	1.1875	8-15/32	.040	5977	3125	2717	1418



# Double Row Angular Contact Ball Bearings

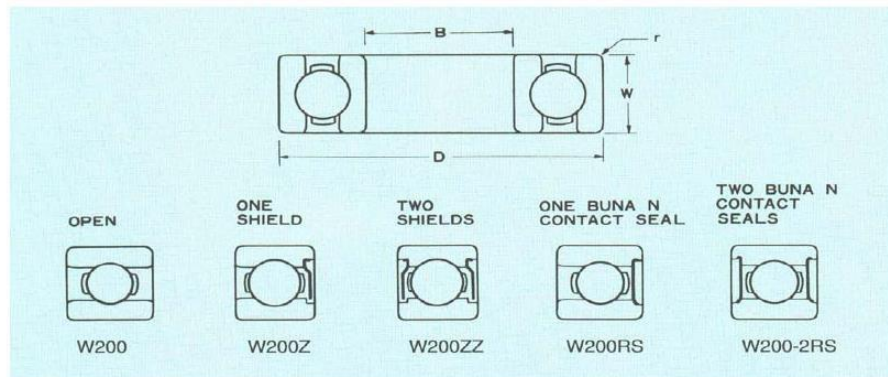
## 5200 Series Ball Bearings



Bearing Number	BORE-B		DIAMETER-D		WIDTH-W		BALLS PER ROW		BASIC LOAD RATINGS			
									lbs		kgs	
	mm	Inches	mm	Inches	mm	Inches	No. - Size	r Inch	Dynamic	Static	Dynamic	Static
5200	10	.3937	30	1.1811	14.287	.5625	7 - 3/16	.025	1626	822	739	373
5201	12	.4724	32	1.2598	15.875	.6250	7 - 7/32	.025	2125	1119	966	508
5202	15	.5906	35	1.3780	15.875	.6250	8 - 7/32	.025	2367	1279	1076	580
5203	17	.6693	40	1.5748	17.462	.6875	8 - 1/4	.025	3009	1671	1368	758
5204	20	.7874	47	1.8504	20.638	.8125	8 - 9/32	.040	3735	2114	1698	959
5205	25	.9843	52	2.0472	20.638	.8125	9 - 5/16	.040	4891	2937	2223	1332
5206	30	1.1811	62	2.4409	23.813	.9375	9 - 3/8	.040	6786	4229	3084	1918
5207	35	1.3780	72	2.8346	26.988	1.0625	14 - 13/32	.040	10540	7720	4791	3502
5208	40	1.5748	80	3.1496	30.162	1.1875	14 - 7/16	.040	12044	8954	5474	4061
5209	45	1.7717	85	3.3465	30.162	1.1875	16 - 7/16	.040	13136	10233	5970	4642
5210	50	1.9685	90	3.5433	30.162	1.1875	15 - 15/32	.040	14243	11013	6474	4995

# Cartridge Width Radial Type BallBearings

## W200/W300 Series Single Row Wide Type BallBearings



Bearing Number	BORE-B		DIAMETER-D		WIDTH-W		BALLS	r Inch	BASIC LOAD RATINGS			
	mm	Inches	mm	Inches	mm	Inches	No. - Size		lbs		kgs	
									Dynamic	Static	Dynamic	Static
W200	10	.3937	30	1.1811	14.29	.5625	7-3/16	.025	1147	500	521	227
W201	12	.4724	32	1.2598	15.88	.6250	7-15/64	.025	1525	684	693	310
W202	15	.5906	35	1.3780	15.88	.6250	8-15/64	.025	1713	781	779	354
W203	17	.6693	40	1.5748	17.46	.6875	8-17/64	.025	2145	1004	975	455
W204	20	.7874	47	1.8504	20.64	.8125	8-5/16	.040	2880	1389	1309	630
W205	25	.9843	52	2.0472	20.64	.8125	9-5/16	.040	3146	1563	1430	709
W206	30	1.1811	62	2.4409	23.81	.9375	9-3/8	.040	4367	2250	1985	1021
W207	35	1.3780	72	2.8346	26.99	1.0625	9-7/16	.040	5763	3063	2620	1389
W304	20	.7874	52	2.0472	22.23	.8750	7-3/8	.040	3572	1750	1624	794
W305	25	.9843	62	2.4409	25.4	1.0000	8-13/32	.040	4616	2347	2098	1065
W306	30	1.1811	72	2.8346	30.16	1.1875	8-15/32	.040	5977	3125	2717	1418

# Internally Self-Aligning Metric Ball Bearings

## 13300 & 1200 Series Double Row Self-Aligning Bearings

Bearing Number	BORE-B		O.D.-D		WIDTH-W		BALLS PER ROW		BASIC LOAD RATINGS			
	mm	Inches	mm	Inches	mm	Inches	No. - Size	r mm	lbs		kgs	
									Dynamic	Static	Dynamic	Static
13300	5	.1969	19	.7480	6	.2362	8 - 1/8	0.5	573	121	261	55
13301	6	.2362	19	.7480	6	.2362	8 - 1/8	0.5	573	121	261	55
13302	7	.2756	22	.8661	7	.2756	10 - 1/8	0.5	588	151	267	69
13303	8	.3150	22	.8661	7	.2756	10 - 1/8	0.5	588	151	267	69
13304	9	.3543	26	1.0236	8	.3150	10 - 5/32	1.0	940	236	427	107
1200	10	.3937	30	1.1811	9	.3543	9 - 3/16	1.0	1262	306	574	139
1201	12	.4724	32	1.2598	10	.3937	10 - 3/16	1.0	1289	340	586	154
1202	15	.5906	35	1.3780	11	.4331	10 - 7/32	1.0	1722	463	783	210
1203	17	.6693	40	1.5748	12	.4724	12 - 7/32	1.0	1817	555	826	252
1204	20	.7874	47	1.8504	14	.5512	12 - 1/4	1.5	2272	725	1033	329
1205	25	.9843	52	2.0472	15	.5906	12 - 9/32	1.5	2773	918	1260	416
1206	30	1.1811	62	2.4409	16	.6299	14 - 5/16	1.5	3567	1322	1621	600
1207	35	1.378	72	2.8346	17	.6693	16 - 5/16	2.0	3589	1511	1632	685
1208	40	1.5748	80	3.1496	18	.7087	17 - 11/32	2.0	4369	1943	1986	881
1209	45	1.7717	85	3.3465	19	.7480	16 - 3/8	2.0	4946	2176	2248	987
1210	50	1.9685	90	3.5433	20	.7874	18 - 3/8	2.0	5148	2448	2340	1110

# Control Airframe Bearings

Control Airframe bearings due to their precision manufacture and durability, airframe control bearings have also been used in a wide variety of applications outside the aircraft industry, including medical devices, robotics, and materials handling systems – virtually any application requiring a highload slower speed features.

KP-A, Kp – Control Airframe Bearings

<u>Item #</u>	<u>Bore (d)</u>	<u>Width (Bi)</u>	<u>Width (Bo)</u>	<u>Ball Diameter</u>	<u>Radial Load Ratings</u>	<u>Thrust Load Ratings</u>
<a href="#"><u>KP3ALX</u></a>	4.826 mm 0.19 in	6.02 mm 0.237 in	4.98 mm 0.196 in	2.381 mm 3/32 in	4.31464 kN 970 lb	1.91217 kN 430 lb
<a href="#"><u>KP 3AX</u></a>	4.826 mm 0.19 in	7.54 mm 0.297 in	5.94 mm 0.234 in	3.175 mm 1/8 in	6.942648 kN 1560 lb	3.118308 kN 700 lb
<a href="#"><u>KP 4AX</u></a>	6.35 mm 0.25 in	7.14 mm 0.281 in	5.56 mm 0.219 in	3.175 mm 1/8 in	8.364518 kN 1880 lb	4.000848 kN 900 lb
<a href="#"><u>KP 5AX</u></a>	7.938 mm 0.3125 in	7.54 mm 0.297 in	5.94 mm 0.234 in	3.175 mm 1/8 in	9.737358 kN 2190 lb	4.451924 kN 1000 lb
<a href="#"><u>KP 6AX</u></a>	9.525 mm 0.375 in	7.95 mm 0.313 in	6.35 mm 0.25 in	3.175 mm 1/8 in	11.12 kN 2500 lb	4.893194 kN 1100 lb
<a href="#"><u>KP 8AX</u></a>	12.7 mm 0.5 in	9.52 mm 0.375 in	7.95 mm 0.313 in	3.969 mm 5/32 in	17.39584 kN 3910 lb	7.560426 kN 1700 lb
<a href="#"><u>KP10AX</u></a>	15.875 mm 0.625 in	10.31 mm 0.406 in	8.74 mm 0.344 in	5.556 mm 7/32 in	29.80043 kN 6700 lb	13.34597 kN 3000 lb
<a href="#"><u>KP3LX</u></a>	4.826 mm 0.19 in	6.22 mm 0.245 in	5.16 mm 0.203 in	3.175 mm 1/8 in	6.942648 kN 1560 lb	3.118308 kN 700 lb
<a href="#"><u>KP 3X</u></a>	4.826 mm 0.19 in	7.54 mm 0.297 in	6.86 mm 0.27 in	3.175 mm 1/8 in	8.364518 kN 1880 lb	4.000848 kN 900 lb
<a href="#"><u>KP 4X</u></a>	6.35 mm 0.25 in	12.29 mm 0.484 in	8.51 mm 0.335 in	3.969 mm 5/32 in	11.9241 kN 2680 lb	5.334464 kN 1200 lb
<a href="#"><u>KP 5X</u></a>	7.938 mm 0.3125 in	14.17 mm 0.558 in	9.52 mm 0.375 in	6.35 mm 1/4 in	24.99549 kN 5620 lb	11.12 kN 2500 lb
<a href="#"><u>KP 6X</u></a>	9.525 mm 0.375 in	15.75 mm 0.62 in	11.91 mm 0.469 in	7.144 mm 9/32 in	35.18393 kN 7910 lb	15.57193 kN 3500 lb
<a href="#"><u>KP 8X</u></a>	12.7 mm 0.5 in	15.75 mm 0.62 in	12.7 mm 0.5 in	9.525 mm 3/8 in	52.48171 kN 11800 lb	23.13235 kN 5200 lb
<a href="#"><u>KP10X</u></a>	15.875 mm 0.625 in	15.75 mm 0.62 in	12.7 mm 0.5 in	9.525 mm 3/8 in	62.71918 kN 14100 lb	27.57447 kN 6200 lb



# Felt Seal, Metric, Replacement Series

## 8000 & 8700 Series Light Duty Bearings

The 8000 and 8700 series designed with the inner ring extended on one side offers many application advantages especially when used in conjunction with other parts that provide added bearing protection. This type bearing is being utilized in equipment such as fractional horsepower motors, vacuum cleaners, small gear units and electrical tools. These bearings are produced with a single seal or seal and shield combination as noted per series designation.

Wide cup bearings, where the outer ring is extended flush with the inner ring on one side, are available in this series by noting the WC prefix. Snap ring grooves are an optional item.

Bearing Number		BORE-B		O.D.-D		WIDTH-W			BALLS		BASIC LOAD RATINGS			
		mm	Inches	mm	Inches	Wo	Wi	W	No.- Size	r Inch	lbs		kgs	
						Outer Ring	Inner Ring	Overall Width			Dynamic	Static	Dynamic	Static
8035	87035	5	.1969	19	.7480	.315	.386	.406	6-5/32	.012	632	260	287	118
8036	87036	6	.2362	19	.7480	.315	.386	.406	6-5/32	.012	632	260	287	118
8006	87006	6	.2362	24	.9449	.315	.386	.406	7-5/32	.012	747	304	340	138
8037	87037	7	.2756	22	.8661	.315	.386	.406	7-5/32	.012	739	304	336	138
8007	87007	7	.2756	24	.9449	.315	.386	.406	7-5/32	.012	747	304	340	138
8038	87038	8	.3150	22	.8661	.315	.386	.406	7-5/32	.012	739	304	336	138
8008	87008	8	.3150	24	.9449	.315	.386	.406	7-5/32	.025	747	304	340	138
8039	87039	9	.3543	26	1.0236	.315	.386	.406	7-3/16	.025	1026	438	466	198
8009	87009	9	.3543	30	1.1811	.354	.480	.500	7-3/16	.025	1049	438	477	198
8500	87500	10	.3937	30	1.1811	.354	.480	.500	7-3/16	.025	1049	438	477	198
8011	87011	11	.4331	32	1.2598	.394	.480	.500	7-15/64	.025	1526	684	693	310
8501	87501	12	.4724	32	1.2598	.394	.480	.500	7-15/64	.025	1526	684	693	310
8013	87013	13	.5118	32	1.2598	.394	.480	.500	7-15/64	.025	1526	684	693	310
8014	87014	14	.5512	35	1.3780	.433	.480	.500	8-15/64	.025	1712	781	778	354
8502	87502	15	.5906	35	1.3780	.433	.480	.500	8-15/64	.025	1712	781	778	354
8016	87016	16	.6299	35	1.3780	.433	.480	.500	8-15/64	.025	1712	781	778	354
8503	87503	17	.6693	40	1.5748	.472	.538	.563	8-17/64	.040	2146	1004	975	455
8504	87504	20	.7874	47	1.8504	.551	.600	.625	8-5/16	.040	2879	1389	1309	630
8505	87505	25	.9843	52	2.0472	.591	.600	.625	9-5/16	.040	3145	1563	1430	709
8026	87026	26	1.0236	52	2.0472	.591	.600	.625	9-5/16	.040	3145	1563	1430	709
8506	87506	30	1.1811	62	2.4409	.630	.748	.787	9-3/8	.040	4366	2250	1985	1021
8507	87507	35	1.3780	72	2.8346	.669	.787	.827	9-7/16	.040	5763	3063	2619	1389
8508	87508	40	1.5748	80	3.1497	.827	.945	.945	9-15/32	.040	6531	3513	2969	1595
8509	87509	45	1.7717	85	3.3465	.827	.945	.945	9-1/2	.040	7335	4000	3334	1815

# 88000 Series Light Duty Bearings

The 88000 series bearings is similar in function to the 8000 and 8700 series except that it features an extended inner ring on both sides to provide additional shaft support. When assembled with the proper press fit, the extra width of the inner ring provides a more firm grip on the shaft reducing the possibility of shaft creep. These bearings are produced with seals on both sides for effective grease retention and exclusion of foreign matter.

Wide cup bearings, where the outer ring is extended flush with the inner ring on one side, are available in this series by noting the WC prefix. Snap ring grooves are an optional item.

Bearing Number	BORE-B		O.D.-D		WIDTH-W		BALLS	r Inch	BASIC LOAD RATINGS			
	mm	Inches	mm	Inches	Wo	Wi	No. - Size		lbs		lbs	
					Outer Ring	Inner Ring			Dynamic	Static	Dynamic	Static
88035	5	.1969	19	.7480	.315	.4970	6-5/32	.012	632	260	287	118
88036	6	.2362	19	.7480	.315	.4970	6-5/32	.012	632	260	287	118
88006	6	.2362	24	.9449	.315	.4970	7-5/32	.012	747	304	340	138
88037	7	.2756	22	.8661	.315	.4970	7-5/32	.012	739	304	336	138
88007	7	.2756	24	.9449	.315	.4970	7-5/32	.012	747	304	340	138
88038	8	.3150	22	.8661	.315	.4970	7-5/32	.012	739	304	336	138
88008	8	.3150	24	.9449	.315	.4970	7-5/32	.025	747	304	340	138
88039	9	.3543	26	1.0236	.315	.4970	7-3/16	.025	1026	438	466	198
88009	9	.3543	30	1.1811	.354	.6457	7-3/16	.025	1049	438	477	198
88500	10	.3937	30	1.1811	.354	.6457	7-3/16	.025	1049	438	477	198
88011	11	.4331	32	1.2598	.394	.6063	7-15/64	.025	1526	684	693	310
88501	12	.4724	32	1.2598	.394	.6063	7-15/64	.025	1526	684	693	310
88013	13	.5118	32	1.2598	.394	.6063	7-15/64	.025	1526	684	693	310
88014	14	.5512	35	1.3780	.433	.5669	8-15/64	.025	1712	781	778	354
88502	15	.5906	35	1.3780	.433	.5669	8-15/64	.025	1712	781	778	354
88016	16	.6299	35	1.3780	.433	.5669	8-15/64	.025	1712	781	778	354
88503	17	.6693	40	1.5748	.472	.6536	8-17/64	.040	2146	1004	975	455
88504	20	.7874	47	1.8504	.551	.6988	8-5/16	.040	2879	1389	1309	630
88505	25	.9843	52	2.0472	.591	.6594	9-5/16	.040	3145	1563	1430	709
88026	26	1.0236	52	2.0472	.591	.6594	9-5/16	.040	3145	1563	1430	709
88506	30	1.1811	62	2.4409	.630	.9449	9-3/8	.040	4366	2250	1985	1021
88507	35	1.3780	72	2.8346	.669	.9843	9-7/16	.040	5763	3063	2619	1389
88508	40	1.5748	80	3.1497	.827	1.0630	9-15/32	.040	6531	3513	2969	1595
88509	45	1.7717	85	3.3465	.827	1.0630	9-1/2	.040	7335	4000	3334	1815