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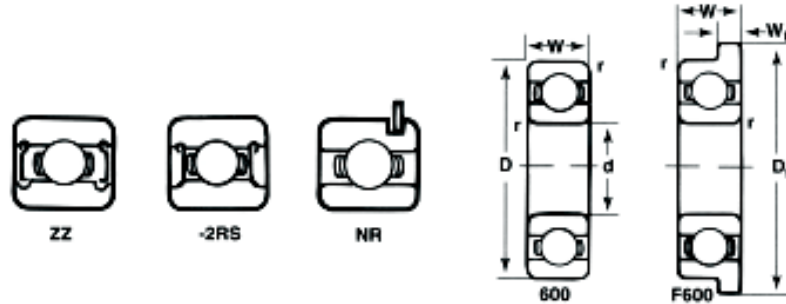
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METRIC MINIATURE &

INSTRUMENT BEARINGS



600, F600 METRIC SERIES



dimensions: mm

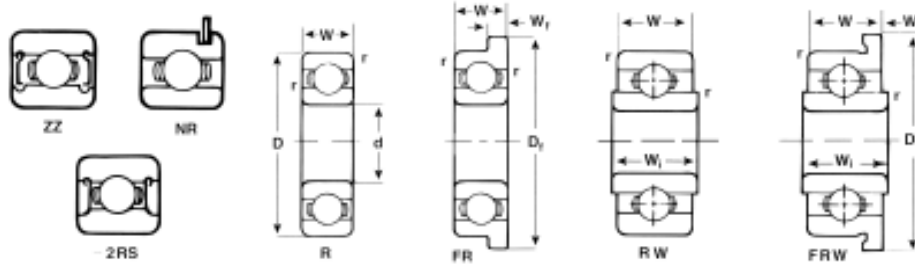
REI Bearing No.	Bore d	Outer Diameter D	Width w		Flange Dimensions		Radius r	Basic Load Rating lbs.		Weight lbs. (Open)
			Open	Shielded	D _E	Open w _E		Dynamic C	Static C ₀	
681	1	3	1	-	-	-	0.15	18	5	*
691	1	4	1.6	-	-	-	0.2	35	9.5	*
681X	1.5	4	1.2	2	5	0.4	0.2	36	10	*
691X	1.5	5	2	2.6	6.5	0.6	0.3	53	15	*
601X	1.5	6	2.5	3	7.5	0.6	0.3	62	19	*
682	2	5	1.5	2.3	6.1	0.5	0.2	38	11	*
692	2	6	2.3	3	7.5	0.6	0.3	63	20	*
602	2	7	2.8	3.5	8.5	0.7	0.3	86	28	.001
682X	2.5	6	1.8	2.6	7.1	0.5	0.3	47	16	*
692X	2.5	7	2.5	3.5	8.5	0.7	0.3	64	22	*
602X	2.5	8	2.8	4	9.5	0.7	0.3	123	39	.001
683	3	7	2	3	8.1	0.5	0.3	87	29	*
693	3	8	3	4	9.5	0.7	0.3	126	40	*
603	3	9	3	5	10.5	0.7	0.3	142	49	.002
623	3	10	4	4	11.5	1.0	0.3	144	50	.003
633	3	13	5	5	15	1.0	0.5	295	116	.005
684	4	9	2.5	4	10.3	0.6	0.3	144	50	.001
694	4	11	4	4	12.5	1.0	0.3	161	62	.004
604	4	12	4	4	13.5	1.0	0.4	218	80	.005
624	4	13	5	5	15	1.0	0.4	295	110	.007
634	4	16	5	5	**	**	0.3	395	153	.011
685	5	11	3	5	12.5	0.8	0.3	161	63	.003
695	5	13	4	4	15	1.0	0.4	242	97	.005
605	5	14	5	5	16	1.0	0.4	299	114	.007
625	5	16	5	5	18	1.0	0.3	395	153	.010
635	5	19	6	6	**	**	0.3	525	199	.017
686	6	13	3.5	5	15	1.0	0.3	243	99	.004
696	6	15	5	5	17	1.2	0.4	305	119	.009
606	6	17	6	6	19	1.2	0.5	495	195	.013
626	6	19	6	6	22	1.5	0.5	525	199	.017
636	6	22	7	7	**	**	**	**	**	**
687	7	14	3.5	5	16	1.0	0.3	264	115	.004
697	7	17	5	5	19	1.2	0.3	360	160	
607	7	19	6	6	**	**	0.3	505	205	.018
627	7	22	7	7	**	**	0.3	750	315	.024
637	7	26	9	9	**	**	**	**	**	**
688	8	16	4	5	18	1.0	0.3	283	131	.007
698	8	19	6	6	22	1.5	0.3	445	194	
608	8	22	7	7	25	1.5	0.3	750	315	.024
628	8	24	8	8	**	**	0.3	900	355	.026
638	8	28	8	9	**	**	**	**	**	**
689	9	17	4	5	19	1.0	0.3	390	184	.013
699	9	20	6	6	**	**	0.3	560	245	
609	9	24	7	7	**	**	0.3	765	325	.026
629	9	26	8	8	**	**	0.6	1030	440	.040
639	9	30	10	10	10	**	**	**	**	**

Larger sizes or New size available upon request



SINGLE ROW RADIAL BALL BEARINGS

R, FR, RW AND FRW INCH SERIES

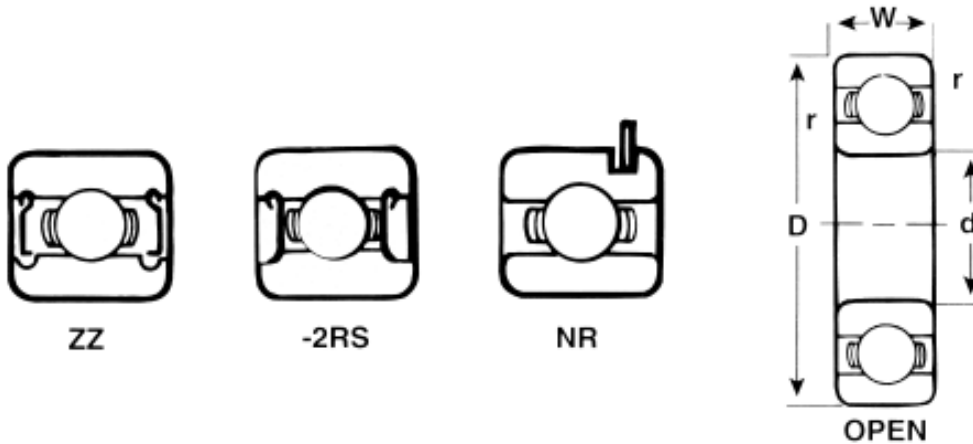


REI Bearing No.	Bore d		Outer Diameter D		Width				Flange Dimensions		Radius r in.	Basic Load Rating lbs.		Weight lbs. (Open)
					W in.		Wi in.		Open D _f	Shielded W _f		Dynamic C	Static Co	
	Fraction	in.	Fraction	in.	open	Shielded	Open	Shielded						
R09	1/25	.0400	1/8	.1250	.0469	-	-	-	-	-	0.004	22	6	*
R0	3/64	.0469	5/32	.1562	.0625	.0937	.0937	.1250	.203	.013	0.004	36	10	*
R1	-	.0550	3/16	.1875	.0781	.1094	.1094	.1406	.234	.023	0.004	42	13	*
R1-4	5/64	.0781	1/4	.2500	.0937	.1406	.1250	.1719	.296	.023	0.004	63	20	*
R133	3/32	.0937	3/16	.1875	.0625	.0937	.0937	.1250	.234	.018	0.004	28	9.5	*
R1-5	3/32	.0937	5/16	.3125	.1094	.1406	.1406	.1719	.359	.023	0.006	96	34	.001
R144	1/8	.1250	1/4	.2500	.0937	.1094	.1250	.1406	.296	.023	0.004	64	22	*.
R2-5	1/8	.1250	5/16	.3125	.1094	.1406	.1406	.1719	.359	.023	0.004	126	40	.002
R2-6	1/8	.1250	3/8	.3750	.1094	.1406	.1406	.1719	.422	.023	0.006	144	50	.002
R2	1/8	.1250	3/8	.3750	.1562	.1562	.1875	.1875	.440	.030	0.012	144	50	.003
R2A	1/8	.1250	1/2	.5000	.1719	.1719	-	-	-	-	0.012	258	89	.007
R155	5/32	.1562	5/16	.3125	.1094	.1250	.1406	.1562	.359	.023	0.004	76	30	.001
R156	3/16	.1875	5/16	.3125	.1094	.1250	.1406	.1562	.359	.023	0.004	89	32	.001
R166	3/16	.1875	3/8	.3750	.1250	.1250	.1562	.1562	.422	.023	0.004	160	60	.002
R3	3/16	.1875	1/2	.5000	.1562	.1960	.2272	.2272	.565	.042	0.012	295	110	.005
R3A	3/16	.1875	1/2	.5000	.1960	.1960	-	-	-	-	0.012	295	110	.006
R168	1/4	.2500	3/8	.3750	.1250	.1250	.1562	.1562	.422	.023	0.004	60	31	.001
R188	1/4	.2500	1/2	.5000	.1250	.1875	.1562	.2188	.547	.023	0.006	186	84	.004
R4	1/4	.2500	5/8	.6250	.1960	.1960	.2272	.2272	.690	.042	0.012	335	139	.010
R4A	1/4	.2500	3/4	.7500	.2188	.2812	-	-	-	-	0.016	525	199	.017
R6	3/8	.3750	7/8	.8750	.2188	.2812	-	-	.969	.062	0.016	745	315	.024
R8	1/2	.5000	1-1/8	1.1250	.2500	.3125	-	-	.1.225	.062	0.016	1148	535	.039
R10	5/8	.6250	1-3/8	1.3750	.2812	.3438	-	-	-	-	0.031	1347	734	.081
R12	3/4	.7500	1-5/8	1.6250	.3125	.4375	-	-	-	-	0.031	1770	1018	.104
R14	7/8	.8750	1-7/8	1.8750	.3750	.5000	-	-	-	-	0.031	2261	1316	.157
R16	1	1.0000	2	2.0000	.3750	.5000	-	-	-	-	0.031	2261	1316	.187
R18	1-1/8	1.1250	2-1/8	2.1250	.3750	.5000	-	-	-	-	0.031	2150	1407	.198
R20	1-1/4	1.2500	2-1/4	2.2500	.3750	.5000	-	-	-	-	0.031	2973	1858	.209
R22	1-3/8	1.3750	2-1/2	2.5000	.4375	.5625	-	-	-	-	0.031	2756	1910	.232
R24	1-1/2	1.5000	2-5/8	2.6250	.4375	.5626	-	-	-	-	0.031	2906	2084	.309

SINGLE ROW RADIAL BALL BEARINGS



1600 INCH SERIES



RBI 1600 SERIES BEARINGS CONFORM TO ABEC-1

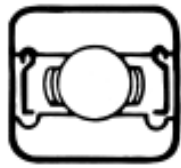
RBI Bearing No.	Bore d		Outer Diameter D		Width W		Radius r	Basic Load Rating lbs.		Weight lbs.
	Fraction	in.	Fraction	in.	Fraction	in.		Dynamic C	Static C ₀	
1601	3/16	.1875	11/16	.6875	*1/4	.2500	0.012	491	194	.015
1602	1/4	.2500	11/16	.6875	*1/4	.2500	0.012			
1603	5/16	.3125	7/8	.8750	**9/32	.2812	0.012	747	317	.024
1604	3/8	.3750	7/8	.8750	**9/32	.2812	0.015			
1605	5/16	.3125	29/32	.9062	5/16	.3125	0.012	935	390	.026
1606	3/8	.3750	29/32	.9062	5/16	.3125	0.015			
1607	7/16	.4375	29/32	.9062	5/16	.3125	0.015			
1614	3/8	.3750	1-1/8	1.1250	3/8	.3750	0.025	1047	465	.077
1615	7/16	.4375	1-1/8	1.1250	3/8	.3750	0.025			
1616	1/2	.5000	1-1/8	1.1250	3/8	.3750	0.025			
1620	7/16	.4375	1-3/8	1.3750	7/16	.4375	0.025	1525	747	.110
1621	1/2	.5000	1-3/8	1.3750	7/16	.4375	0.025			
1622	9/16	.5625	1-3/8	1.3750	7/16	.4375	0.025			
1623	5/8	.6250	1-3/8	1.3750	7/16	.4375	0.025			
1628	5/8	.6250	1-5/8	1.6250	1/2	.5000	0.025	2109	1150	.159
1630	3/4	.7500	1-5/8	1.6250	1/2	.5000	0.025			
1633	5/8	.6250	1-3/4	1.7500	1/2	.5000	0.025	2109	1150	.203
1635	3/4	.7500	1-3/4	1.7500	1/2	.5000	0.025			
1638	3/4	.7500	2	2.0000	9/16	.5625	0.035	3150	1785	.265
1640	7/8	.8750	2	2.0000	9/16	.5625	0.035			
1641	1	1.0000	2	2.0000	9/16	.5625	0.035			
1652	1-1/8	1.1250	2-1/2	2.5000	5/8	.6250	0.035	2880	1890	.463
1654	1-1/4	1.2500	2-1/2	2.5000	5/8	.6250	0.035			
1657	1-1/4	1.2500	2-9/16	2.5625	11/16	.6875	0.035	3369	2251	.474
1658	1-5/16	1.3125	2-9/16	2.5625	11/16	.6875	0.035			

*Width sealed = 5/16 in **Width sealed = 11/32 in



SINGLE ROW RADIAL LIGHT BEARINGS

6800 SERIES



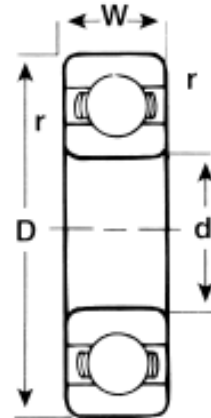
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-2RS



NR



OPEN

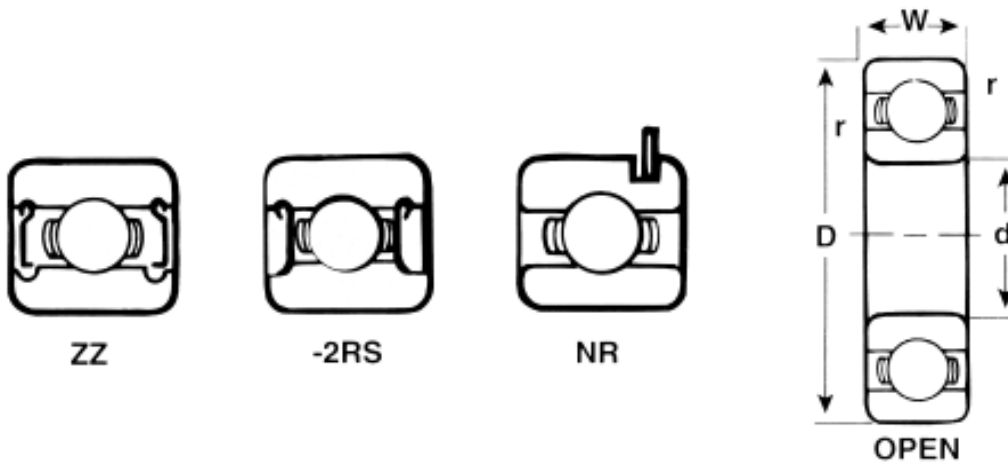
RB Bearing No.	Bore d		Outer Diameter D		Width W		Radius r		Basic Load Rating lbs.		Weight	
	m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C	Static C ₀	Kg	lbs.
6800	10	0.3937	19	0.7480	5	0.1969	0.5	0.019	410	208	0.005	0.011
6801	12	0.4724	21	0.8268	5	0.1969	0.5	0.019	430	234	0.006	0.013
6802	15	0.5906	24	0.9449	5	0.1969	0.5	0.019	465	283	0.007	0.015
6803	17	0.6693	26	1.0236	5	0.1969	0.5	0.019	630	385	0.008	0.018
6804	20	0.7874	32	1.2598	7	0.2756	0.5	0.019	900	555	0.019	0.042
6805	25	0.9843	37	1.4567	7	0.2756	0.5	0.019	965	665	0.022	0.053
6806	30	1.1811	42	1.6535	7	0.2756	0.5	0.019	1060	815	0.026	0.055
6807	35	1.3780	47	1.8504	7	0.2756	0.5	0.019	1100	905	0.029	0.063
6808	40	1.5748	52	2.0472	7	0.2756	0.5	0.019	1140	985	0.033	0.072
6809	45	1.7717	58	2.2835	7	0.2756	0.5	0.019	1419	1270	0.040	0.088
6810	50	1.9685	65	2.5591	7	0.2756	0.5	0.019	1480	1370	0.052	0.114
6811	55	2.1654	72	2.8346	9	0.3543	0.5	0.019	1980	1820	0.083	0.182
6812	60	2.3622	78	3.0709	10	0.3937	0.5	0.019	2580	2380	0.106	0.233
6813	65	2.5591	85	3.3465	10	0.3937	1	0.039	2610	2480	0.128	0.281
6814	70	2.7559	90	3.5433	10	0.3937	1	0.039	2720	2680	0.137	0.301
6815	75	2.9528	95	3.7402	10	0.3937	1	0.039	2820	2890	0.145	0.319
6816	80	3.1496	100	3.9370	10	0.3937	1	0.039	2850	2990	0.154	0.338
6817	85	3.3465	110	4.3307	13	0.5118	1.5	0.059	4200	4250	0.270	0.594
6818	90	3.5433	115	4.5276	13	0.5118	1.5	0.059	4250	4450	0.285	0.627
6819	95	3.7402	120	4.7244	13	0.5118	1.5	0.059	7400	7100	0.300	0.660
6820	100	3.9370	125	4.9213	13	0.5118	1.5	0.059	4400	4750	0.313	0.668
6821	105	4.1339	130	5.1181	13	0.5118	1.5	0.059	4450	4950	0.330	0.726
6822	110	4.3307	140	5.5118	16	0.6299	1.5	0.059	6450	7200	0.515	1.133
6824	120	4.7244	150	5.9055	16	0.6299	1.5	0.059	6500	7400	0.555	1.760
6826	130	5.1181	165	6.4961	18	0.7087	2	0.078	8300	9250	0.800	1.760

Larger sizes or New size available upon request

SINGLE ROW RADIAL BALL BEARINGS



6900 SERIES



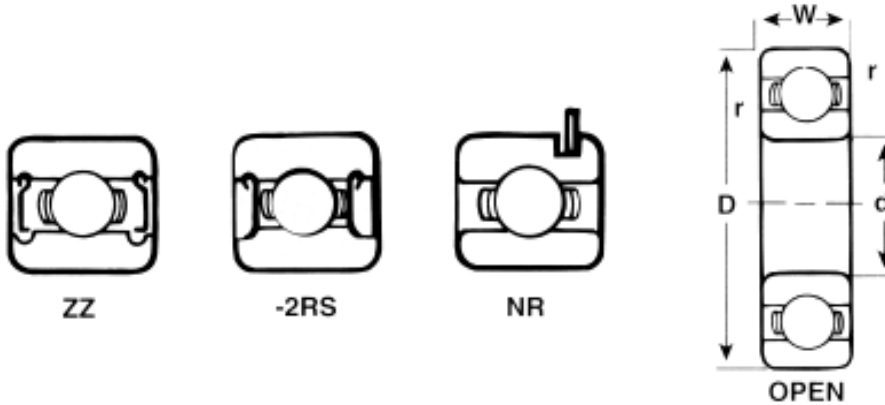
REI Bearing No.	Bore d		Outer Diameter D		Width W		Radius r		Basic Load Rating lbs.		Weight lbs.
	m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C	Static C ₀	
6900	10	.3937	22	.8661	6	.2362	0.5	.020	605	285	.020
6901	12	.4724	24	.9449	6	.2362	0.5	.020	650	330	.024
6902	15	.5906	28	1.1024	7	.2756	0.5	.020	920	460	.035
6903	17	.6693	30	1.1811	7	.2756	0.5	.020	1050	580	.040
6904	20	.7874	37	1.4567	9	.3543	0.5	.020	1430	825	.079
6905	25	.9843	42	1.6535	9	.3543	0.5	.020	1580	1020	.093
6906	30	1.1811	47	1.8504	9	.3543	0.5	.020	1630	1130	.106
6907	35	1.3780	55	2.1654	10	.3937	1	.039	2510	1670	.163
6908	40	1.5748	62	2.4409	12	.4724	1	.039	1140	985	.243
6909	45	1.7717	68	2.6772	12	.4724	1	.039	3400	2530	.282
6910	50	1.9685	72	2.8346	12	.4724	1	.039	3500	2750	.291
6911	55	2.1654	80	3.1496	13	.5118	1.5	.059	3600	2980	.397
6912	60	2.3622	85	3.3465	13	.5118	1.5	.059	3700	3200	.425
6913	65	2.5591	90	3.5433	13	.5118	1.5	.059	2610	2480	.454
6914	70	2.7559	100	3.9370	16	.6299	1.5	.059	5350	4750	.736
6915	75	2.9528	105	4.1339	16	.6299	1.5	.059	5500	5100	.778
6916	80	3.1496	110	4.3307	16	.6299	2	.079	5600	5400	.822
6917	85	3.3465	120	4.7244	18	.7087	2	.079	7200	6650	1.18
6918	90	3.5433	125	4.9213	18	.7087	2	.079	4250	4450	1.22
6919	95	3.7402	130	5.1181	18	.7087	2	.079	7550	7550	1.28
6920	100	3.9370	140	5.5118	20	.7874	2	.079	9250	8900	1.73
6921	105	4.1339	145	5.7087	20	.7874	2	.079	9550	9450	1.80
6922	110	4.3307	150	5.9055	20	.7874	2	.079	9800	10000	1.87
6924	120	4.7244	165	6.4961	22	.8661	2	.079	11900	12200	2.54
6926	130	5.1181	180	7.0866	24	.9449	2	.079	8300	9250	4.10

Larger sizes or New size available upon request



SINGLE ROW RADIAL BALL BEARINGS

6000 SERIES



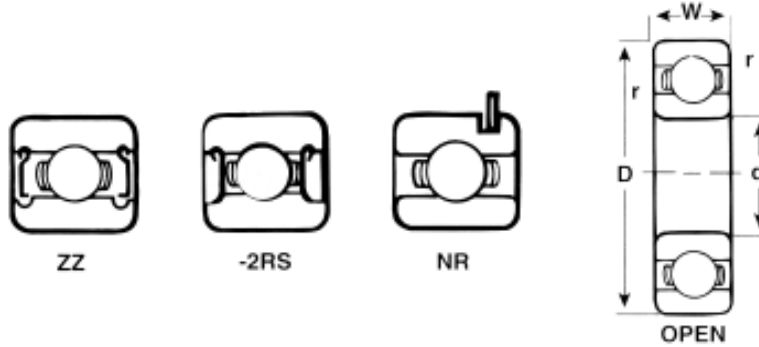
RB Bearing No.	Bore d		Outer Diameter D		Width W		Radius r		Basic Load Rating lbs.		Weight lbs.
	m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C	Static C ₀	
6000	10	.3937	26	1.0236	8	.3150	0.5	.020	1030	440	.042
6001	12	.4724	28	1.1024	8	.3150	0.5	.020	1150	540	.049
6002	15	.5906	32	1.2598	9	.3543	0.5	.020	1260	635	.066
6003	17	.6693	35	1.3780	10	.3937	0.5	.020	1530	755	.086
6004	20	.7874	42	1.6535	12	.4724	1.0	.039	2110	1140	.152
6005	25	.9843	47	1.8504	12	.4724	1.0	.039	2260	1320	.176
6006	30	1.1811	55	2.1654	13	.5118	1.5	.059	2970	1860	.256
6007	35	1.3780	62	2.4409	14	.5512	1.5	.059	3600	2310	.342
6008	40	1.5748	68	2.6772	15	.5906	1.5	.059	3750	2590	.423
6009	45	1.7717	75	2.9528	16	.6299	1.5	.059	4700	3400	.540
6010	50	1.9685	80	3.1496	16	.6299	1.5	.059	4900	3750	.575
6011	55	2.1654	90	3.5433	18	.7087	1.5	.059	6350	4800	.849
6012	60	2.3622	95	3.7402	18	.7087	2.0	.079	6600	5200	.915
6013	65	2.5591	100	3.9370	18	.7087	2.0	.079	6850	5650	.959
6014	70	2.7559	110	4.3307	20	.7874	2.0	.079	8550	6950	1.33
6015	75	2.9528	115	4.5276	20	.7874	2.0	.079	8900	7550	1.41
6016	80	3.1496	125	4.9213	22	.8661	2.0	.079	10700	8950	1.87
6017	85	3.3465	130	5.1181	22	.8661	2.0	.079	11100	9700	1.96
6018	90	3.5433	140	5.5118	24	.9449	2.5	.098	13100	11200	2.56
6019	95	3.7402	145	5.7087	24	.9449	2.5	.098	13600	12100	2.67
6020	100	3.9370	150	5.9055	24	.9449	2.5	.098	13500	12200	2.76
6021	105	4.1339	160	6.2992	26	1.0236	3.0	.118	16300	14800	3.51
6022	110	4.3307	170	6.6929	28	1.1024	3.0	.118	18400	16400	4.32
6024	120	4.7244	180	7.0866	28	1.1024	3.0	.118	19100	17800	4.56
6026	130	5.1181	200	7.8740	33	1.2992	3.0	.118	23900	22700	6.97

Larger sizes or New size available upon request

SINGLE ROW RADIAL BALL BEARINGS



6200 SERIES



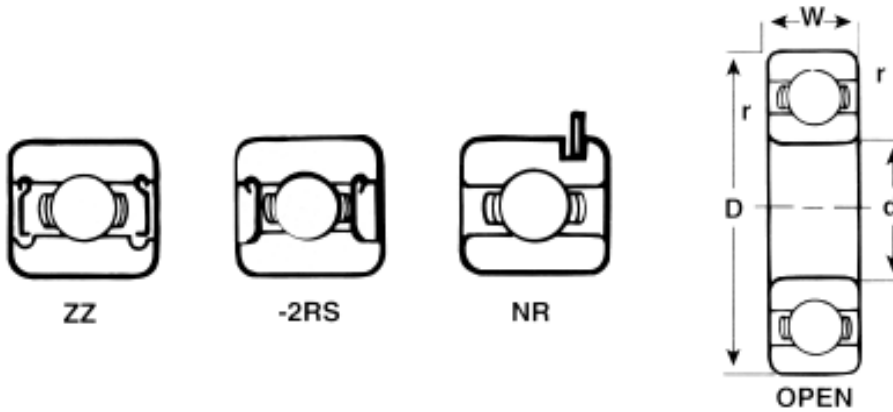
REI Bearing No.	Bore d		Outer Diameter D		Width W		Radius r		Basic Load Rating lbs.		Weight lbs.
	m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C	Static C ₀	
6200	10	.3937	30	1.1811	9	.3543	1.0	.039	1150	540	.071
6201	12	.4724	32	1.2598	10	.3937	1.0	.039	1370	615	.082
6201-8	12.7	.5000	32	1.2598	10	.3937	1.0	.039	1370	615	.082
6201-13	13	.5118	32	1.2598	10	.3937	1.0	.039	1370	615	.082
6202	15	.5906	35	1.3780	11	.4331	1.0	.039	1740	805	.099
6202-8	12.7	.5000	35	1.3780	11	.4331	1.0	.039	1740	805	.110
6202-10	15.875	.6250	35	1.3780	11	.4331	1.0	.039	1740	805	.090
6202-16	16	.6299	35	1.3780	11	.4331	1.0	.039	1740	805	.090
6203	17	.6693	40	1.5748	12	.4724	1.0	.039	2160	1030	.143
6203-8	12.7	.500	40	1.5748	12	.4724	1.0	.039	2160	1030	.154
6203-15	15	.5906	40	1.5748	12	.4724	1.0	.039	2160	1030	.148
6203-10	15.875	.6250	40	1.5748	12	.4724	1.0	.039	2160	1030	.150
6203-16	16	.6299	40	1.5748	12	.4724	1.0	.039	2160	1030	.150
6203-12	19.05	.7500	40	1.5748	12	.4724	1.0	.039	2160	1030	.140
6204	20	.7874	47	1.8504	14	.5512	1.5	.059	2890	1500	.234
6204-12	19.05	.7500	47	1.8504	14	.5512	1.5	.059	2890	1500	.236
6204-14	22.225	.8750	47	1.8504	14	.5512	1.5	.059	2890	1500	.230
6205	25	.9843	52	2.0472	15	.5906	1.5	.059	3150	1770	.282
6205-16	25.4	1.0000	52	2.0472	15	.5906	1.5	.059	3150	1770	.280
6206	30	1.1811	62	2.4409	16	.6299	1.5	.059	4400	2540	.439
6207	35	1.3780	72	2.8346	17	.6693	2.0	.079	5750	3450	.635
6208	40	1.5748	80	3.1496	18	.7087	2.0	.079	6550	4000	.807
6209	45	1.7717	85	3.3465	19	.7480	2.0	.079	7350	4600	.897
6210	50	1.9685	90	3.5433	20	.7874	2.0	.079	7900	5200	1.02
6211	55	2.1654	100	3.9370	21	.8268	2.5	.098	9750	6550	1.34
6212	60	2.3622	110	4.3307	22	.8661	2.5	.098	11800	8150	1.73
6213	65	2.5591	120	4.7244	23	.9055	2.5	.098	12900	9000	2.18
6214	70	2.7559	125	4.9213	24	.9449	2.5	.098	14000	9900	2.36
6215	75	2.9528	130	5.1181	25	.9843	2.5	.098	14900	11100	2.60
6216	80	3.1496	140	5.5118	26	1.0236	3.0	.118	16300	11900	3.09
6217	85	3.3465	150	5.9055	28	1.1024	3.0	.118	18700	14300	3.95
6218	90	3.5433	160	6.2992	30	1.1811	3.0	.118	21600	16100	4.74
6219	95	3.7402	170	6.6929	32	1.2598	3.5	.138	24500	18400	5.78
6220	100	3.9370	180	7.0866	34	1.3386	3.5	.138	27500	20900	6.92
6221	105	4.1339	190	7.4803	36	1.4173	3.5	.138	29900	23500	8.16
6222	110	4.3307	200	7.8740	38	1.4961	3.5	.138	32500	26300	9.61
6224	120	4.7244	215	8.4646	40	1.5748	3.5	.138	35000	29500	11.4
6226	130	5.1181	230	9.0551	40	1.5748	4.0	.157	37500	33000	12.8

Larger sizes or New size available upon request



SINGLE ROW RADIAL BALL BEARINGS

6300 SERIES



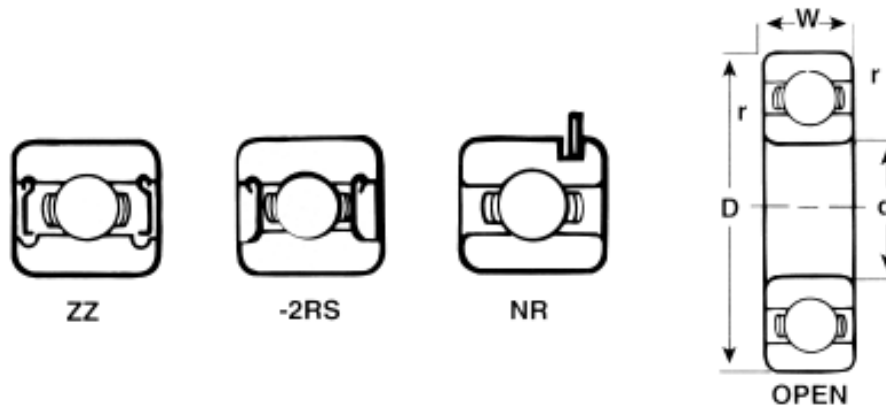
RB Bearing No.	Bore d		Outer Diameter D		Width W		Radius r		Basic Load Rating lbs.		Weight lbs.
	m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C	Static C ₀	
6300	10	.3937	35	1.3780	11	.4331	1.0	.039	1840	785	.117
6301	12	.4724	37	1.4567	12	.4724	1.5	.059	2180	940	.132
6302	15	.5906	42	1.6535	13	.5118	1.5	.059	2570	1220	.181
6303	17	.6693	47	1.8504	14	.5512	1.5	.059	3050	1470	.254
6304	20	.7874	52	2.0472	15	.5906	2.0	.079	3600	1770	.317
6305	25	.9843	62	2.4409	17	.6693	2.0	.079	4750	2460	.511
6306	30	1.1811	72	2.8346	19	.7480	2.0	.079	6000	3400	.763
6307	35	1.3780	80	3.1496	21	.8268	2.5	.098	7500	4300	1.01
6308	40	1.5748	90	3.5433	23	.9055	2.5	.098	9150	5400	1.40
6309	45	1.7717	100	3.9370	25	.9843	2.5	.098	11900	7200	1.84
6310	50	1.9685	110	4.3307	27	1.0630	3.0	.118	13900	8600	2.36
6311	55	2.1654	120	4.7244	29	1.1417	3.0	.118	16100	10100	3.02
6312	60	2.3622	130	5.1181	31	1.2205	3.5	.138	18400	11700	3.75
6313	65	2.5591	140	5.5118	33	1.2992	3.5	.138	20800	13400	4.59
6314	70	2.7559	150	5.9055	35	1.3780	3.5	.138	23400	15300	5.56
6315	75	2.9526	160	6.2992	37	1.4567	3.5	.138	25500	17400	6.66
6316	80	3.1496	170	6.6929	39	1.5354	3.5	.138	27600	19500	7.91
6317	85	3.3465	180	7.0866	41	1.6142	4.0	.157	29800	21800	9.33
6318	90	3.5433	190	7.4803	43	1.6929	4.0	.157	32000	24100	10.8
6319	95	3.7402	200	7.8740	45	1.7717	4.0	.157	34500	26600	12.5
6320	100	3.9370	215	8.4646	47	1.8504	4.0	.157	39000	31500	15.4
6321	105	4.1339	225	8.8583	49	1.9291	4.0	.157	41500	34500	17.7
6322	110	4.3307	240	9.4488	50	1.9685	4.0	.157	40000	40500	21.0
6324	120	4.7244	260	10.2362	55	2.1654	4.0	.157	46500	41500	27.3

Larger sizes or New size available upon request

SINGLE ROW RADIAL BALL BEARINGS



6400 SERIES



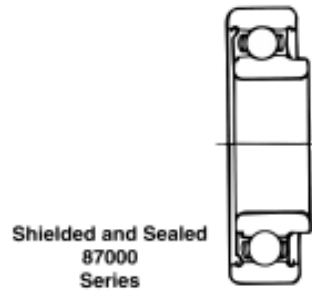
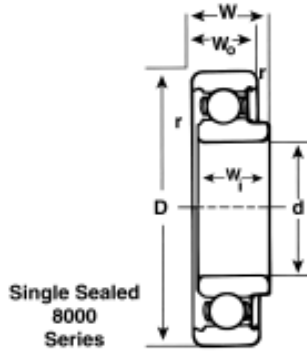
RBI Bearing No.	Bore d		Outer Diameter D		Width W		Radius r		Basic Load Rating lbs.		Weight lbs.
	m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C	Static C ₀	
6403	17	.6693	62	2.4409	17	.6693	1.0	.039	5100	2420	.60
6404	20	.7874	72	2.8346	19	.7480	1.0	.039	6400	3150	.90
6405	25	.9843	80	3.1496	21	.8268	1.5	.059	4750	2460	1.19
6406	30	1.1811	90	3.5433	23	.9055	1.5	.059	9750	5350	1.59
6407	35	1.3780	100	3.9370	25	.9843	1.5	.059	12400	7000	2.06
6408	40	1.5748	110	4.3307	27	1.0630	2.0	.079	14300	8200	2.69
6409	45	1.7717	120	4.7244	29	1.1417	2.0	.079	17300	10100	3.41
6410	50	1.9685	130	5.1181	31	1.2205	2.0	.079	18700	11100	4.20
6411	55	2.1654	140	5.5118	33	1.2992	2.0	.079	20000	12100	5.13
6412	60	2.3622	150	5.9055	35	1.3780	2.0	.079	22900	14400	6.22
6413	65	2.5591	160	6.2992	37	1.4567	2.0	.079	24900	16200	7.44
6414	70	2.7559	180	7.0866	42	1.6235	2.5	.098	28800	20100	11.0
6415	75	2.9528	190	7.4803	45	1.7717	2.5	.098	31000	22300	13.1
6416	80	3.1496	200	7.8740	48	1.8898	2.5	.098	37000	28200	15.3
6417	85	3.3465	210	8.2677	52	2.0472	3.0	.118	37000	28700	18.8
6418	90	3.5433	225	8.8583	54	2.1260	3.0	.118	41500	35500	25.4

Larger sizes or New size available upon request



SINGLE ROW RADIAL BALL BEARINGS

8000,87000 AND 88000 (FELT SEAL TYPE) SERIES



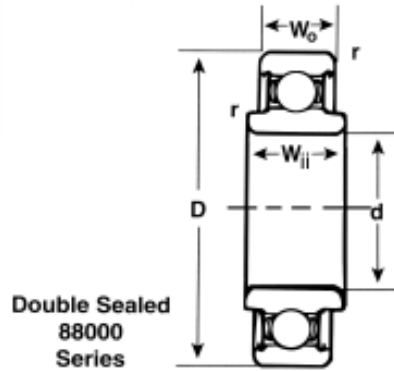
REI Bearing No.			Bore d		Outer Diameter D		Width					
							W		W _o		W _i	
			mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
8000	87000	88000										
8035	87035	88035	5	.1969	19	.7480	10.319	.4063	8	.3150	9.804	.3860
8036	87036	88036	6	.2362	19	.7480	10.319	.4063	8	.3150	9.804	.3860
8006	87006	88006	6	.2362	24	.9449	10.319	.4063	8	.3150	9.804	.3860
8037	87037	88037	7	.2756	22	.8661	10.319	.4063	8	.3150	9.804	.3860
8007	87007	88007	7	.2756	24	.9449	10.319	.4063	8	.3150	9.804	.3860
8038	87038	88038	8	.3150	22	.8661	10.319	.4063	8	.3150	9.804	.3860
8008	87008	88008	8	.3150	24	.9449	10.319	.4063	8	.3150	9.804	.3860
8039	87039	88039	9	.3543	26	1.0236	10.319	.4063	8	.3150	9.804	.3860
8009	87009	88009	9	.3543	30	1.1811	12.700	.5000	9	.3543	12.192	.4800
8500	87500	88500	10	.3937	30	1.1811	12.700	.5000	9	.3543	12.192	.4800
8011	87011	88011	11	.4331	32	1.2598	12.700	.5000	10	.3937	12.192	.4800
8501	87501	88501	12	.4724	32	1.2598	12.700	.5000	10	.3937	12.192	.4800
8013	87013	88013	13	.5118	32	1.2598	12.700	.5000	10	.3937	12.192	.4800
8014	87014	88014	14	.5512	35	1.3780	12.700	.5000	11	.4331	12.192	.4800
8502	87502	88502	15	.5906	35	1.3780	12.700	.5000	11	.4331	12.192	.4800
8016	87016	88016	16	.6299	35	1.3780	12.700	.5000	11	.4331	12.192	.4800
8602	87602	88602	15	.5906	42	1.6535	15	.5906	13	.5118	14	.5512
8503	87503	88503	17	.6693	40	1.5748	14.288	.5625	12	.4724	13.665	.5380
8603	87603	88603	17	.6693	47	1.8504	16	.6299	14	.5512	15	.5906
8504	87504	88504	20	.7874	47	1.8504	15.875	.6250	14	.5512	15.240	.6000
8604	87604	88604	20	.7874	52	2.0472	19	.7480	15	.5906	18	.7087
8505	87505	88505	25	.9843	52	2.0472	15.875	.6250	15	.5906	15.240	.6000
8605	87605	88605	25	.9843	62	2.4409	21	.8268	17	.6693	21	.8268
8026	87026	88026	26	1.0236	52	2.0472	15.875	.6250	15	.5906	15.240	.6000
8506	87506	88506	30	1.1811	62	2.4409	20	.7874	16	.6299	19	.7480
8606	87606	88606	30	1.1811	72	2.8346	23	.9055	19	.7480	23	.9055
8507	87507	88507	35	1.3780	72	2.8346	21	.8268	17	.6693	20	.7874
8607	87607	88607	35	1.3780	80	3.1496	25	.9843	21	.8268	25	.9843
8508	87508	88508	40	1.5748	80	3.1496	24	.9449	21	.8268	24	.9449
8608	87608	88608	40	1.5748	90	3.5433	27	1.0630	23	.9055	27	.6030
8509	87509	88509	45	1.7717	85	3.3465	24	.9449	21	.8268	24	.9449
8609	87609	88609	45	1.7717	100	3.9370	30	1.1811	25	.9843	30	1.1811
8510	87510	88510	50	1.9685	90	3.5433	26	1.0236	22	.8661	26	1.0236
8511	87511	88511	55	2.1654	100	3.9370	27	1.0630	23	.9055	27	1.0630

*Snap Ring available upon request

SINGLE ROW RADIAL BALL BEARINGS



8000,87000 AND 88000 (FELT SEAL TYPE) SERIES

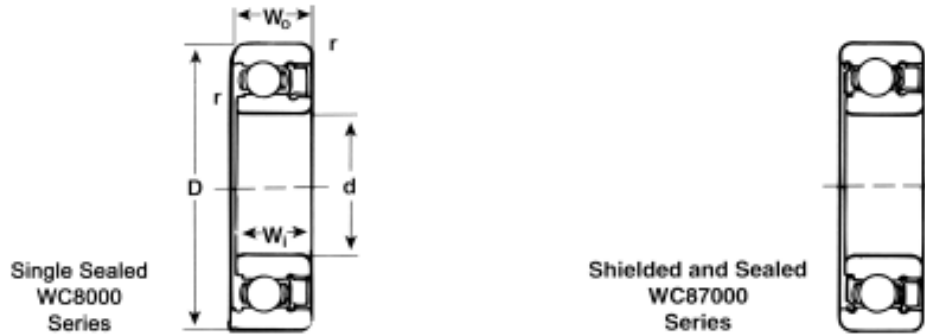


Width		Radius		Basic Load Rating		Weight lbs.		
W_i		r		lbs.		8000	87000	88000
Dynamic C	Static C_o	Dynamic C	Static C_o	Dynamic C	Static C_o			
m m	in.	m m	in.					
12.624	.4970	0.3	.012	524	198	0.022	0.023	0.026
12.624	.4970	0.3	.012	524	198	0.024	0.025	0.027
12.624	.4970	0.3	.012	747	314	0.046	0.048	0.055
12.624	.4970	0.3	.012	740	306	0.037	0.039	0.043
12.624	.4970	0.3	.012	747	317	0.045	0.047	0.051
12.624	.4970	0.3	.012	740	306	0.036	0.038	0.040
12.624	.4970	0.3	.012	747	317	0.043	0.044	0.048
12.624	.4970	0.6	.025	1025	438	0.051	0.053	0.057
16.401	.6457	0.6	.025	1047	465	0.078	0.095	0.105
16.401	.6457	0.6	.025	1047	465	0.075	0.077	0.091
15.400	.6063	0.6	.025	1375	626	0.099	0.101	0.104
15.400	.6063	0.6	.025	1375	626	0.095	0.097	0.099
15.400	.6063	0.6	.025	1375	266	0.091	0.093	0.095
14.399	.5669	0.6	.025	1525	747	0.111	0.115	0.125
14.399	.5669	0.6	.025	1525	747	0.106	0.108	0.119
14.399	.5669	0.6	.025	1525	747	0.101	0.105	0.114
17	.6693	1.0	.040	1940	976	0.188	0.193	0.210
16.601	.6536	0.6	.025	1940	976	0.150	0.154	0.166
18	.7087	1.0	.040	2885	1494	0.254	0.257	0.279
17.750	.6988	1.0	.040	2885	1494	0.232	0.237	0.259
23	.9055	1.0	.040	3150	1785	0.345	0.352	0.398
16.749	.6594	1.0	.040	3150	1785	0.287	0.292	0.304
25	.9843	1.0	.040	3150	1785	0.590	0.600	0.650
16.749	.6594	1.0	.040	3150	1785	0.277	0.282	0.294
24	.9449	1.0	.040	1970	1140	0.495	0.506	0.571
27	1.0630	1.0	.040	1970	1140	0.860	0.890	0.970
25	.9843	1.0	.040	2120	1330	0.695	0.708	0.765
29	1.1417	1.5	.060	2120	1330	1.100	1.120	1.200
27	1.0630	1.0	.040	2960	1820	1.030	1.070	1.180
31	1.2205	1.5	.060	2960	1820	1.530	1.560	1.650
27	1.0630	1.0	.040	3300	2050	1.190	1.200	1.220
35	1.3780	1.5	.060	3300	2050	1.960	2.010	2.190
30	1.1811	1.0	.040	3560	2350	1.270	1.300	1.400
31	1.2205	1.5	.060	4390	2970	1.600	1.640	1.780



SINGLE ROW

WC8000, WC87000 AND WC88000 (FELT SEAL TYPE) SERIES



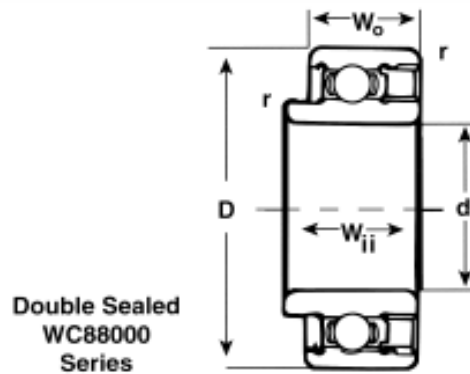
RBI Bearing No.			Bore d		Outer Diameter D		Width W _t	
WC8000	WC87000	WC88000	mm	in.	mm	in.	mm	in.
WC8006	WC87006	WC88006	6	.2362	24	.9449	9.804	.3860
WC8007	WC87007	WC88007	7	.2756	24	.9449	9.804	.3860
WC8008	WC87008	WC88008	8	.3150	24	.9449	9.804	.3860
WC8009	WC87009	WC88009	9	.3543	30	1.1811	12.192	.4800
WC8011	WC87011	WC88011	11	.4331	32	1.2598	12.192	.4800
WC8013	WC87013	WC88013	13	.5118	32	1.2598	12.192	.4800
WC8014	WC87014	WC88014	14	.5512	35	1.3780	12.192	.4800
WC8016	WC87016	WC88016	16	.6299	35	1.3780	12.192	.4800
WC8026	WC87026	WC88026	26	1.0236	52	2.0472	15.240	.6000
WC8035	WC87035	WC88035	5	.1969	19	.748	9.804	.3860
WC8036	WC87036	WC88036	6	.2362	19	.748	9.804	.3860
WC8037	WC87037	WC88037	7	.2756	22	.8661	9.804	.3860
WC8038	WC87038	WC88038	8	.3150	22	.8661	9.804	.3860
WC8039	WC87039	WC88039	9	.3543	26	1.0236	9.804	.3860
WC8500	WC87500	WC88500	10	.3937	30	1.1811	12.192	.4800
WC8501	WC87501	WC88501	12	.4724	32	1.2598	12.192	.4800
WC8502	WC87502	WC88502	15	.5906	35	1.3780	12.192	.4800
WC8503	WC87503	WC88503	17	.6693	40	1.5748	13.665	.5380
WC8504	WC87504	WC88504	20	.7874	47	1.8504	15.240	.6000
WC8505	WC87505	WC88505	25	.9843	52	2.0472	15.240	.6000
WC8506	WC87506	WC88506	30	1.1811	62	2.4409	19	.7480
WC8507	WC87507	WC88507	35	1.3780	72	2.8346	20	.7874
WC8508	WC87508	WC88508	40	1.5748	80	3.1496	24	.9449
WC8509	WC87509	WC88509	45	1.7717	85	3.3465	24	.9449
WC8510	WC87510	WC88510	50	1.9685	90	3.5433	26	1.0236
WC8511	WC87511	WC88511	55	2.1654	100	3.9370	27	1.0630
		WC88603	17	.6693	47	1.8504		
		WC88604	20	.7874	52	2.0472		
		WC88605	25	.9483	62	2.4409		

*Snap Ring available upon request

SINGLE ROW



WC8000, WC87000 AND WC88000 (FELT SEAL TYPE) SERIES

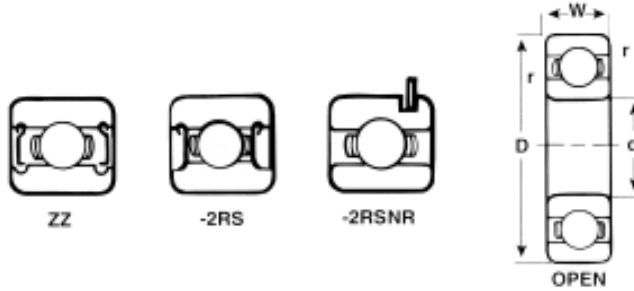


width				Radius		Basic Load Rating	
W _i		W _o		r		lbs.	
mm	in.	mm	in.	mm	in.	Dynamic C	Static C _o
12.624	.4970	10.319	.4063	0.3	.012	747	317
12.624	.4970	10.319	.4063	0.3	.012	747	317
12.624	.4970	10.319	.4063	0.3	.012	747	317
16.401	.6457	12.700	.5000	0.6	.025	1047	465
15.400	.6063	12.700	.5000	0.6	.025	1375	626
15.400	.6063	12.700	.5000	0.6	.025	1375	626
14.399	.5669	12.700	.5000	0.6	.025	1525	747
14.399	.5669	12.700	.5000	0.6	.025	1525	747
16.749	.6594	15.875	.6250	1	.04	3150	1785
12.624	.4970	10.319	.4063	0.3	.012	524	198
12.624	.4970	10.319	.4063	0.3	.012	524	198
12.624	.4970	10.319	.4063	0.3	.012	740	306
12.624	.4970	10.319	.4063	0.3	.012	740	306
12.624	.4970	10.319	.4063	0.6	.025	1025	438
16.401	.6457	12.700	.5000	0.6	.025	1047	465
15.400	.6063	12.700	.5000	0.6	.025	1375	626
14.399	.5669	12.700	.5000	0.6	.025	1525	747
16.601	.5636	14.288	.5625	0.6	.025	2149	1075
17.750	.6988	15.875	.6250	1	.04	2885	1494
16.749	.6594	15.875	.6250	1	.04	3150	1785
24	.9449	20	.7874	1	.04	3363	2256
25	.9843	21	.8268	1	.04	2120	1330
27	1.0630	24	.9449	1	.04	2960	1820
27	1.0630	24	.9449	1	.04	3300	2050
30	1.1811	26	1.0236	1	.04	3560	2350
31	1.2205	27	1.0630	1.5	.06	4390	2970
18	.7087	16	.6299	1.5	.06		
23	.9055	19	.7480	1.5	.06		
25	.9843	21	.8268	1.5	.06		



SINGLE ROW

W6200, W6300 CARTRIDGE TYPE SERIES



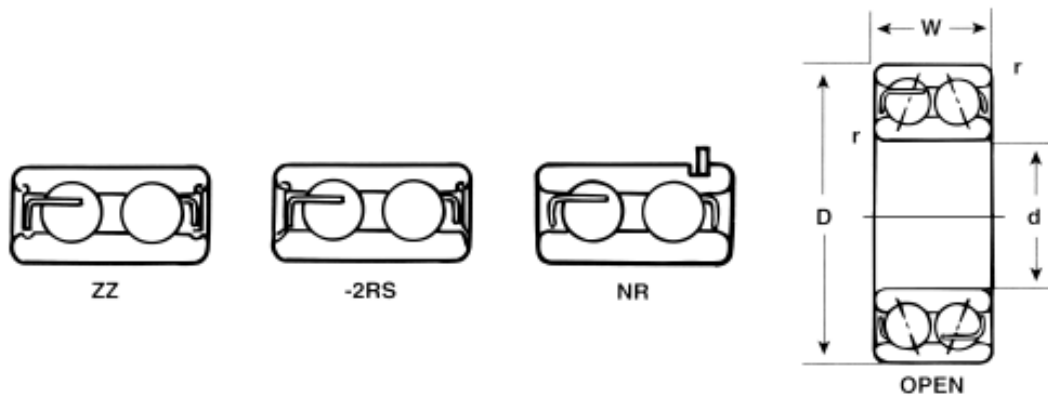
RBI Bearing No.	Bore d		Outer Diameter D		Width W			Radius r		Basic Load Rating Ibs.		Weight Ibs.
	m m	in.	m m	in.	m m	fraction	in.	m m	in.	Dynamic c	Static c ₀	
W6200	10	0.3937	30	1.1811	14.3	9/16	0.5625	1.0	.039	837	396	0.10
W6201	12	0.4724	32	1.2598	15.9	5/8	0.6250	1.0	.039	1102	617	0.12
W6202	15	0.5906	35	1.3780	15.9	5/8	0.6250	1.0	.039	1256	727	0.15
W6203	17	0.6693	40	1.5748	17.5	11/16	0.6890	1.0	.039	1565	903	0.22
W6204	20	0.7874	47	1.8504	20.6	13/16	0.8110	1.5	.059	2204	1388	0.33
W6205	25	0.9843	52	2.0472	20.6	13/16	0.8110	1.5	.059	2380	1543	0.39
W6206	30	1.1811	62	2.4409	23.8	15/16	0.9370	1.5	.059	3306	2204	0.62
W6207	35	1.3780	72	2.8346	27.0	1-1/16	1.0630	2.0	.079	4365	2865	0.99
W6208	40	1.5748	80	3.1496	30.2	1-3/16	1.1890	2.0	.079	4629	3196	1.38
W6209	45	1.7717	85	3.3465	30.2	1-3/16	1.1890	2.0	.079	5070	3527	1.47
W6210	50	1.9687	90	3.5433	30.2	1-3/16	1.1890	2.0	.079	5511	4078	1.69
W6211	55	2.1654	100	3.9370	33.3	1-5/16	1.3125	2.5	.098	8920	6520	2.04
W6212	60	2.3622	110	4.3307	36.5	1-7/16	1.4375	2.5	.098	11460	8205	2.80
W6213	65	2.5591	120	4.7244	38.1	1-1/2	1.5000	1.5	.059	14000	9890	3.48
W6214	70	2.7559	125	4.9213	39.7	1-9/16	1.5625	1.5	.059	14000	9890	3.84
W6215	75	2.9528	130	5.1181	41.3	1-5/8	1.6250	1.5	.059	15750	10895	4.19
W6216	80	3.1496	140	5.5118	44.4	1-3/4	1.7500	2.0	.079	17500	11900	5.27

RBI Bearing No.	Bore d		Outer Diameter D		Width W			Radius r		Basic Load Rating Ibs.		Weight Ibs.
	m m	in.	m m	in.	m m	fraction	in.	m m	in.	Dynamic c	Static c ₀	
W6302	15	0.5906	42	1.6535	19.0	3/4	0.7500	1.5	.059	1851	1102	0.34
W6303	17	0.6693	47	1.8504	22.2	7/8	0.8750	1.5	.059	2204	1278	0.42
W6304	20	0.7874	52	2.0472	22.2	7/8	0.8750	2.0	.079	2579	1587	0.46
W6305	25	0.9843	62	2.4409	25.4	1	1.0000	2.0	.079	3306	2204	0.77
W6306	30	1.1811	72	2.8346	30.2	1-3/16	1.1890	2.5	.098	4409	3020	1.21
W6307	35	1.3780	80	3.1496	34.9	1-3/8	1.3740	2.5	.098	5291	3637	1.56
W6308	40	1.5748	90	3.5433	36.5	1-7/16	1.4370	2.5	.098	6613	4067	2.22
W6309	45	1.7717	100	3.9370	39.7	1-9/16	1.5630	2.5	.098	8377	6172	2.88
W6310	50	1.9687	110	4.3307	44.4	1-3/4	1.7480	3.0	.118	13900	8540	3.75
W6311	55	2.1654	120	4.7244	49.2	1-15/16	1.9375	3.0	.118	17100	10100	5.12
W6312	60	2.3622	130	5.1181	54.0	2-1/8	2.1250	3.5	.138	18400	11700	6.50
W6313	65	2.5591	140	5.5118	58.7	2-5/16	2.3125	3.5	.138	20700	13500	8.17
W6314	70	2.7559	150	5.9055	63.5	2-1/2	2.5000	3.5	.138	23400	15300	10.50
W6315	75	2.9528	160	6.2992	68.3	2-11/16	2.6875	3.5	.138	27200	17500	12.10
W6316	80	3.1496	170	6.6929	68.3	2-11/16	2.6875	3.5	.138	29900	21400	13.40

DOUBLE ROW ANGULAR CONTACT BALL BEARINGS



5200, W5200 NON FILLING SLOT TYPE SERIES

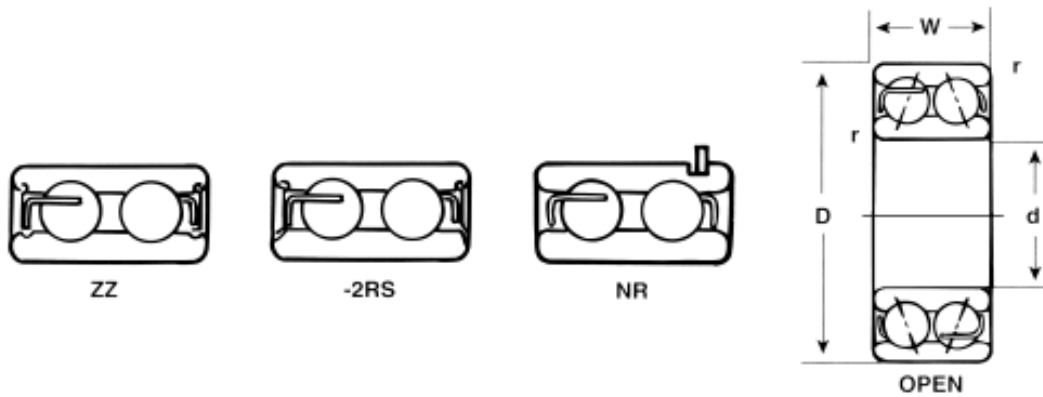


RB Bearing No.	Bore d		Outer Diameter D		Width W			Radius r		Basic Load Rating lbs.		Weight lbs.
	m m	in.	m m	in.	m m	fraction	in.	m m	in.	Dynamic C _d	Static C _s	
5200	10	.3937	30	1.1811	14.3	9/16	.5630	0.8	.032	1560	855	0.13
5201	12	.4724	32	1.2598	15.9	5/8	.6260	0.8	.032	2050	1140	0.16
5202	15	.5906	35	1.3780	15.9	5/8	.6260	1.0	.039	2260	1360	0.18
5203	17	.6693	40	1.5748	17.5	11/16	.6890	1.0	.039	2870	1770	0.20
W5203	17	.6693	40	1.5748	20.6	13/16	.8110	1.0	.039	2870	1770	0.20
5204	20	.7874	47	1.8504	20.6	13/16	.8110	1.5	.059	4300	2710	0.34
W5204	20	.7874	47	1.8504	23.8	15/16	.9375	1.5	.059	4300	1770	0.36
5205	25	.9843	52	2.0472	20.6	13/16	.8110	1.5	.059	4650	3200	0.42
W5205	25	.9843	52	2.0472	23.8	15/16	.9375	1.5	.059	4650	3200	0.45
5206	30	1.1811	62	2.4409	23.8	15/16	.9375	1.5	.059	6450	4600	0.64
W5206	30	1.1811	62	2.4409	27.0	1-1/16	1.0630	1.5	.059	6450	4600	0.74
5207	35	1.3780	72	2.8346	27.0	1-1/16	1.0630	2.0	.079	8500	6250	0.95
W5207	35	1.3780	72	2.8346	30.2	1-3/16	1.1890	2.0	.079	8500	6250	1.21
5208	40	1.5748	80	3.1496	30.2	1-3/16	1.1890	2.0	.079	9600	7250	1.26
5209	45	1.7717	85	3.3465	30.2	1-3/16	1.1890	2.0	.079	10800	8300	1.37
5210	50	1.9685	90	3.5433	30.2	1-3/16	1.1890	2.0	.079	11500	9400	1.48
5211	55	2.1654	100	3.9370	33.3	1-5/16	1.3110	2.5	.098	14200	11900	2.17
5212	60	2.3622	110	4.3307	36.5	1-7/16	1.4370	2.5	.098	16100	13100	2.80
5213	65	2.5591	120	4.7244	38.1	1-1/2	1.5000	2.5	.098	18700	16300	3.46
5214	70	2.7559	125	4.9213	39.7	1-9/16	1.5630	2.5	.098	20400	19700	3.97
5215	75	2.9528	130	5.1181	41.3	1-5/8	1.6260	2.5	.098	20300	18100	4.20
5216	80	3.1496	140	5.5118	44.4	1-3/4	1.7480	3.0	.118	23800	21400	5.50
5217	85	3.3465	150	5.9055	49.2	1-15/16	1.9375	3.0	.118	25100	23900	6.75
5218	90	3.5433	160	6.2992	52.4	2-1/16	2.0630	3.0	.118	31500	29000	8.90



DOUBLE ROW ANGULAR CONTACT BALL BEARINGS

5300, W5300 NON FILLING - SLOT TYPE SERIES



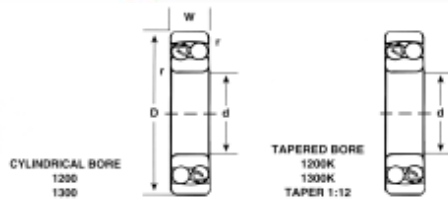
REI Bearing No.	Bore d		Outer Diameter D		Width W			Radius r		Basic Load Rating Ibs.		Weight Ibs.
	m m	in.	m m	in.	m m	fraction	in.	m m	in.	Dynamic	Static	
										C	C ₀	
5300	10	.3937	35	1.3780	19.0	3/4	.7500	0.6	.024	1731	1224	0.22
5301	12	.4742	37	1.4567	19.0	3/4	.7500	1.1	.043	1996	1389	0.23
5302	15	.5906	42	1.6535	19.0	3/4	.7500	1.5	.059	3850	2260	0.38
5303	17	.6693	47	1.8504	22.2	7/8	.8740	1.5	.059	4600	2720	0.49
5304	20	.7874	52	2.0472	22.2	7/8	.8740	2.0	.079	4650	2850	0.51
W5304	20	.7874	52	2.0472	25.4	1	1.0000	2.0	.079	4650	2850	0.54
5305	25	.9843	62	2.4409	25.4	1	1.0000	2.0	.079	6850	4600	0.75
W5305	25	.9843	62	2.4409	29.6	1-1/8	1.1250	2.0	.079	6850	4600	0.89
5306	30	1.1811	72	2.8346	30.2	1-3/16	1.1890	2.0	.079	8900	6200	1.13
W5306	30	1.1811	72	2.8346	33.3	1-5/16	1.3125	2.0	.079	8900	6200	1.41
5307	35	1.3780	80	3.1496	34.9	1-3/8	1.3740	2.5	.098	11100	7850	1.74
W5307	35	1.3780	80	3.1496	38.1	1-1/2	1.5000	2.5	.098	11100	7850	1.89
5308	40	1.5748	90	3.5433	36.5	1-7/16	1.4370	2.5	.098	13600	9850	2.32
5309	45	1.7717	100	3.9370	39.7	1-9/16	1.5630	2.5	.098	16300	12100	3.10
5310	50	1.9685	110	4.3307	44.4	1-3/4	1.7480	3.0	.118	19200	14500	4.00
5311	55	2.1654	120	4.7244	49.2	1-15/16	1.9370	3.0	.118	23900	18500	5.11
5312	60	2.3622	130	5.1181	54.0	2-1/8	2.1260	3.5	.138	27300	21400	6.72
5313	65	2.5591	140	5.5118	58.7	2-5/16	2.3110	3.5	.138	31000	24600	8.60
5314	70	2.7559	150	5.9055	63.5	2-1/2	2.5000	3.5	.138	35000	28000	10.80
5315	75	2.9528	160	6.2992	68.3	2-11/16	2.6890	3.5	.138	38000	31500	12.10
5316	80	3.1496	170	6.6929	68.3	2-11/16	2.6890	3.5	.138	42000	34500	15.00

DOUBLE ROW

SELF ALIGNING BALL BEARINGS



1200, 1200K, 1300, 1300K SERIES



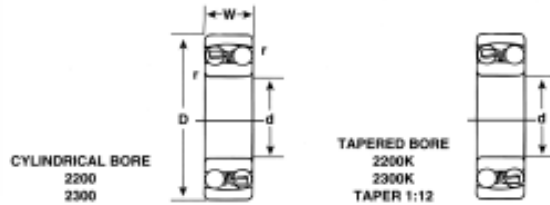
RBI Bearing		Bore		Outer Diameter		Width		Radius		Basic Load Rating		Weight
		m m	in	m m	in	m m	in	m m	in	Dynamic	Static	
1200	1200K	10	.3937	30	1.1811	9	.3543	1.0	.039	1230	268	0.075
1201	1201K	12	.4724	32	1.2598	10	.3937	1.0	.039	1260	286	0.088
1202	1202K	15	.5906	35	1.3780	11	.4331	1.0	.039	1680	395	0.108
1203	1203K	17	.6693	40	1.5748	12	.4724	1.0	.039	1770	450	0.161
1204	1204K	20	.7874	47	1.8504	14	.5512	1.5	.059	2230	585	0.265
1205	1205K	25	.9843	52	2.0472	15	.5906	1.5	.059	2720	740	0.311
1206	1206K	30	1.1811	62	2.4409	16	.6299	1.5	.059	3500	1050	0.485
1207	1207K	35	1.3780	72	2.8346	17	.6693	2.0	.079	3550	1150	0.712
1208	1208K	40	1.5748	80	3.1496	18	.7087	2.0	.079	4350	1470	0.919
1209	1209K	45	1.7717	85	3.3465	19	.7480	2.0	.079	4900	1650	1.03
1210	1210K	50	1.9685	90	3.5433	20	.7874	2.0	.079	5100	1820	1.16
1211	1211K	55	2.1654	100	3.9370	21	.8268	2.5	.098	6000	2250	1.55
1212	1212K	60	2.3622	110	4.3307	22	.8661	2.5	.098	6800	2590	1.98
1213	1213K	65	2.5591	120	4.7244	23	.9055	2.5	.098	6950	2820	2.54
1214	1214K	70	2.7559	125	4.9213	24	.9449	2.5	.098	7800	3100	2.78
1215	1215K	75	2.9528	130	5.1181	25	.9843	2.5	.098	8750	3550	3.00
1216	1216K	80	3.1496	140	5.5118	26	1.0236	3.0	.118	8950	3800	3.68
1217	1217K	85	3.3465	150	5.9055	28	1.1024	3.0	.118	11000	4650	4.56
1218	1218K	90	3.5433	160	6.2992	30	1.1811	3.0	.118	12800	5300	5.56
1219	1219K	95	3.7402	170	6.6929	32	1.2598	3.5	.138	14300	6100	6.83
												8.16

1300	1300K	10	.3937	35	1.3780	11	.4331	0.6	.024	1630	365	0.128
1301	1301K	12	.4724	37	1.4567	12	.4724	1.0	.039	2130	485	0.148
1302	1302K	15	.5906	42	1.6535	13	.5118	1.5	.059	2150	515	0.207
1303	1303K	17	.6693	47	1.8504	14	.5512	1.5	.059	2820	715	0.287
1304	1304K	20	.7874	52	2.0472	15	.5906	2.0	.079	2790	750	0.359
1305	1305K	25	.9843	62	2.4409	17	.6693	2.0	.079	4050	1130	0.567
1306	1306K	30	1.1811	72	2.8346	19	.7480	2.0	.079	4800	1420	0.853
1307	1307K	35	1.3780	80	3.1496	21	.8268	2.5	.098	5650	1770	1.12
1308	1308K	40	1.5748	90	3.5433	23	.9055	2.5	.098	6650	2180	1.58
1309	1309K	45	1.7717	100	3.9370	25	.9843	2.5	.098	8550	2860	2.11
1310	1310K	50	1.9685	110	4.3307	27	1.0630	3.0	.118	9750	3150	2.67
1311	1311K	55	2.1654	120	4.7244	29	1.1417	3.0	.118	11600	4000	3.48
1312	1312K	60	2.3622	130	5.1181	31	1.2205	3.5	.138	12900	4700	4.32
1313	1313K	65	2.5591	140	5.5118	33	1.2992	3.5	.138	13900	5150	5.40
1314	1314K	70	2.7559	150	5.9055	35	1.3780	3.5	.138	16700	6250	6.60
1315	1315K	75	2.9528	160	6.2992	37	1.4567	3.5	.138	17800	6750	7.85
1316	1316K	80	3.1496	170	6.6929	39	1.5354	3.5	.138	19900	7450	9.22
1317	1317K	85	3.3465	180	7.0866	41	1.6142	4.0	.157	22000	8500	11.00
1318	1318K	90	3.5433	190	7.4803	43	1.6929	4.0	.157	26100	10000	12.80
1319	1319K	95	3.7402	200	7.8740	45	1.7717	4.0	.157	29600	11400	14.70



DOUBLE ROW SELF ALIGNING BALL BEARINGS

2200, 2200K, 2300, 2300K SERIES



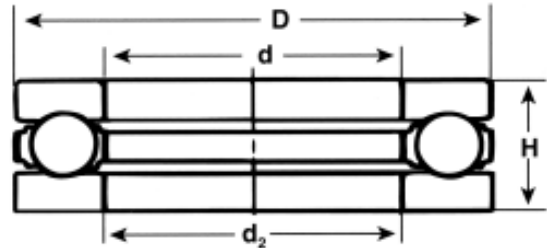
RBI Bearing No.		Bore d		Outer Diameter D		Width W		Radius r		Basic Load Rating lbs.		Weight lbs.	
		m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C _d	Static C _s	2300 2300k	2300k 2300k
2200	2200K	10	.3937	30	1.1811	14	.5512	1	.039	1640	360	0.104	0.098
2201	2201K	12	.4724	32	1.2598	14	.5512	1	.039	1710	390	0.117	0.113
2202	2202K	15	.5906	35	1.3780	14	.5512	1	.039	1780	415	0.132	0.127
2203	2203K	17	.6693	40	1.5748	16	.6299	1	.039	2200	545	0.194	0.188
2204	2204K	20	.7874	47	1.8504	18	.7087	1.5	.059	2830	745	0.309	0.300
2205	2205K	25	.9843	52	2.0472	18	.7087	1.5	.059	2760	775	0.359	0.348
2206	2206K	30	1.1811	62	2.4409	20	.7874	1.5	.059	3400	1020	0.573	0.560
2207	2207K	35	1.3780	72	2.8346	23	.9055	2	.079	4850	1480	0.888	0.873
2208	2208K	40	1.5748	80	3.1496	23	.9055	2	.079	5000	1650	1.11	1.09
2209	2209K	45	1.7717	85	3.3465	23	.9055	2	.079	5200	1830	1.20	1.18
2210	2210K	50	1.9685	90	3.5433	23	.9055	2	.079	5200	1900	1.30	1.27
2211	2211K	55	2.1654	100	3.9370	25	.9843	2.5	.098	5950	2220	1.79	1.75
2212	2212K	60	2.3622	110	4.3307	28	1.1024	2.5	.098	7650	2840	2.40	2.36
2213	2213K	65	2.5591	120	4.7244	31	1.2205	2.5	.098	9750	3700	3.22	3.15
2214	2214K	70	2.7559	125	4.9213	31	1.2205	2.5	.098	9850	3850	3.35	-
2215	2215K	75	2.9528	130	5.1181	31	1.2205	2.5	.098	9950	4000	3.57	3.48
2216	2216K	80	3.1496	140	5.5118	33	1.2992	3	.118	10900	4450	4.43	4.34
2217	2217K	85	3.3465	150	5.9055	36	1.4173	3	.118	13100	5300	5.56	5.42
2218	2218K	90	3.5433	160	6.2992	40	1.5748	3	.118	15800	6450	7.50	7.34
2219	2219K	95	3.7402	170	6.6929	43	1.6929	3.5	.138	18700	7750	9.04	8.82
2220	2220K	100	3.9370	180	7.0866	46	1.8110	3.5	.138	21100	8650	11.0	10.70

2300	2300K	10	.3937	35	1.3780	17	.6693	1	.039	2270	485	0.183	0.180
2301	2301K	12	.4724	37	1.4567	17	.6693	1.5	.059	2640	610	0.201	0.195
2302	2302K	15	.5906	42	1.6535	17	.6693	1.5	.059	2700	650	0.251	0.245
2303	2303K	17	.6693	47	1.8504	19	.7480	1.5	.059	3250	800	0.348	0.340
2304	2304K	20	.7874	52	2.0472	21	.8268	2	.079	4050	1060	0.461	0.452
2305	2305K	25	.9843	62	2.4409	24	.9449	2	.079	5500	1480	0.739	0.721
2306	2306K	30	1.1811	72	2.8346	27	1.0630	2	.079	7050	1970	1.10	1.08
2307	2307K	35	1.3780	80	3.1496	31	1.2205	2.5	.098	8850	2530	1.49	1.45
2308	2308K	40	1.5748	90	3.5433	33	1.2992	2.5	.098	10100	3050	2.04	1.99
2309	2309K	45	1.7717	100	3.9370	36	1.4173	2.5	.098	12200	3750	2.71	2.65
2310	2310K	50	1.9685	110	4.3307	40	1.5748	3	.118	14500	4550	3.62	3.53
2311	2311K	55	2.1654	120	4.7244	43	1.6929	3	.118	16900	5400	4.63	452
2312	2312K	60	2.3622	130	5.1181	46	1.8110	3.5	.138	19600	6350	5.73	5.58
2313	2313K	65	2.5591	140	5.5118	48	1.8898	3.5	.138	21600	7300	7.12	6.94
2314	2314K	70	2.7559	150	5.9055	51	2.0079	3.5	.138	24600	8450	8.60	-
2315	2315K	75	2.9528	160	6.2992	55	2.1654	3.5	.138	27700	9650	10.4	10.20
2316	2316K	80	3.1496	170	6.6929	58	2.2835	3.5	.138	28800	10200	13.4	13.10
2317	2317K	85	3.3465	180	7.0866	60	2.3622	4	.157	31500	11500	15.4	15.20
2318	2318K	90	3.5433	190	7.4803	64	2.5197	4	.157	34000	12900	18.6	18.20
2319	2319K	95	3.7402	200	7.8704	67	2.6378	4	.157	37000	14500	21.6	21.10
2320	2320K	100	3.9370	215	8.4646	73	2.8740	4	.157	43000	17800	27.3	26.70

SINGLE DIRECTION THRUST BALL BEARINGS



51100,51200,51300 METRIC SERIES



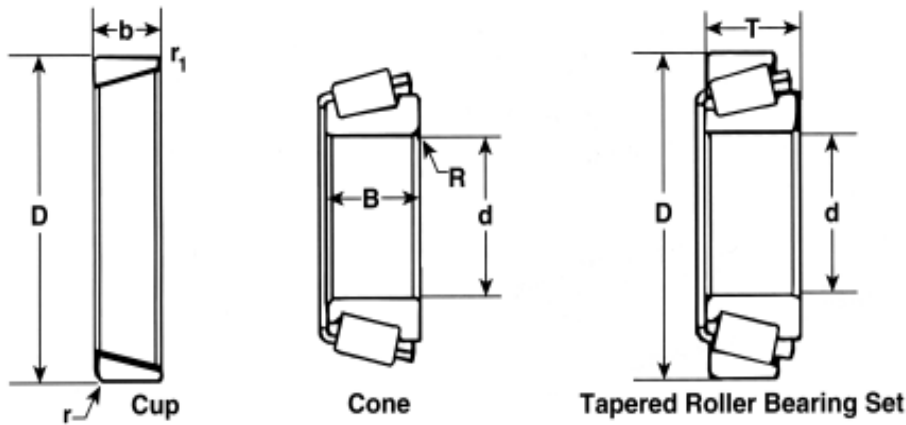
RBI Bearing No.	Bore d				Outer Diameter D		Width H		Basic Load Rating lbs.		Weight lbs.
	d		d ₂		m m	in.	m m	in.	Dynamic C _a	Static C _{0a}	
	m m	in.	m m	in.							
51100	10	.3937	11	.433	24	.9449	9	.3543	2250	3150	.046
51101	12	.4724	13	.512	26	1.0236	9	.3543	2320	3450	.051
51102	15	.5906	16	.630	28	1.1024	9	.3543	2370	3750	.053
51103	17	.6693	18	.709	30	1.1811	9	.3543	2430	4100	.057
51104	20	.7874	21	.827	35	1.3780	10	.3937	3200	5550	.088
51105	25	.9843	26	1.024	42	1.6535	11	.4331	4400	8350	.132
51106	30	1.1811	32	1.260	47	1.8504	11	.4331	4600	9500	.152
51107	35	1.3780	37	1.457	52	2.0472	12	.4724	4600	10000	.187
51108	40	1.5748	42	1.654	60	2.3622	13	.5118	6050	14100	.276
51109	45	1.7717	47	1.850	65	2.5591	14	.5512	6250	15500	.326
51110	50	1.9685	52	2.047	70	2.7559	14	.5512	6450	17000	.355
51111	55	2.1654	57	2.244	78	3.0709	16	.6299	7800	20900	.498
51112	60	2.3622	62	2.441	85	3.3465	17	.6693	9300	25300	.653
51113	65	2.5591	67	2.638	90	3.5433	18	.7087	9400	26400	.745
51114	70	2.7559	72	2.835	95	3.7402	18	.7087	9700	28500	.785
51115	75	2.9528	77	3.031	100	3.9370	19	.7480	10000	30500	.880
51200	10	.3937	12	.472	26	1.0236	11	.4331	2850	3850	.066
51201	12	.4724	14	.551	28	1.1024	11	.4331	2960	4250	.075
51202	15	.5906	17	.669	32	1.2598	12	.4724	3750	5600	.101
51203	17	.6693	19	.748	35	1.3780	12	.4724	3850	6150	.119
51204	20	.7874	22	.866	40	1.5748	14	.5512	5000	8500	.179
51205	25	.9843	27	1.063	47	1.8504	15	.5906	6250	11300	.245
51206	30	1.1811	32	1.260	52	2.0472	16	.6299	6600	13100	.306
51207	35	1.3780	37	1.457	62	2.4409	18	.7087	8800	17600	.474
51208	40	1.5748	42	1.654	68	2.6772	19	.7480	10000	22100	.608
51209	45	1.7717	47	1.850	73	2.8740	20	.7874	10700	23600	.699
51210	50	1.9685	52	2.047	78	3.0709	22	.8661	10900	25100	.833
51211	55	2.1654	57	2.244	90	3.5433	25	.9843	15600	35500	1.34
51212	60	2.3622	62	2.441	95	3.7402	26	1.0236	16500	40000	1.49
51213	65	2.5591	67	2.638	100	3.9370	27	1.0630	16800	42500	1.69
51214	70	2.7559	72	2.835	105	4.1339	27	1.0630	17100	44500	1.75
51215	75	2.9528	77	3.031	110	4.3307	27	1.0630	17400	47000	1.93
51305	25	.9843	27	1.063	52	2.0472	18	.7087	8050	13800	.388
51306	30	1.1811	32	1.260	60	2.3622	21	.8268	9600	17700	.593
51307	35	1.3780	37	1.457	68	2.6772	24	.9449	12500	23500	.845
51308	40	1.5748	42	1.654	78	3.0709	26	1.0236	15600	30000	1.21
51309	45	1.7717	47	1.850	85	3.3465	28	1.1024	18000	36500	1.51

*Larger sizes available upon request.



TAPERED ROLLER BEARINGS

METRIC SERIES

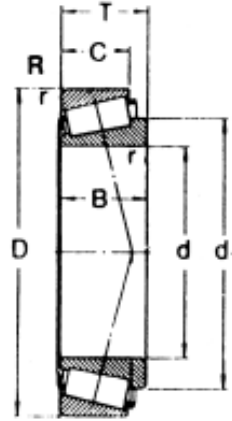


RBI Bearing No.	Bore d		O.D. D		Cone Width B		Cup Width b		Assembled Width T		Radius						Basic Load Ratings		Weight (ibs.)
	m	m	m	m	m	m	m	m	m	m	R		r ₁		r		C (ibs.)	Co (ibs.)	
											m	in.	m	in.	m	in.				m	in.
30204	20	.7874	47	1.8504	14	.5512	12	.4724	15.25	.600	1	.039	.30	.012	1	.039	5620	5840	0.276
30205	25	.9843	52	2.0472	15	.5906	13	.5118	16.25	.640	1	.039	.30	.012	1	.039	6680	7500	0.337
30206	30	1.1811	62	2.4409	16	.6299	14	.5512	17.25	.679	1	.039	.30	.012	1.5	.039	9090	10000	0.507
30207	35	1.3780	72	2.8346	17	.6693	15	.5906	18.25	.719	1.5	.059	.060	.024	1.5	.059	10400	11400	0.716
30208	40	1.5748	80	3.1496	18	.7087	16	.6299	19.75	.778	1.5	.059	.060	.024	1.5	.059	12300	13600	0.926
30210	50	1.9685	90	3.5433	20	.7874	17	.6693	21.75	.865	1.5	.059	.060	.024	1.5	.059	15800	19600	1.19
30215	75	2.9528	130	5.1181	25	.9843	22	.8661	27.25	1.073	2.0	.079	1.06	.024	1	.059	28700	36900	2.93
32206	30	1.8111	62	2.4409	20	.7874	17	.6693	21.25	.837	1	.039	.030	.012	1.5	.039	11000	9100	0.631
32207	35	1.3780	72	2.8346	23	.9050	19	.7480	24.25	.955	1.5	.059	.060	.024	1.5	.059	14400	17100	0.948
32208	40	1.5748	80	3.1496	23	.9055	19	.7480	24.75	.974	1.5	.059	.060	.024	1.5	.059	15900	13100	1.16
32209	45	1.7717	85	3.3465	23	.9055	19	.7480	24.75	.974	1.5	.059	.060	.024	1.5	.059	16500	30200	1.27
32211	55	2.1654	100	3.9370	25	.9843	21	.8628	26.75	1.053	2.0	.079	.030	.024	1.0	.059	22800	28700	1.85
30302	15	0.5906	42	1.6535	13	.5118	11	.4331	14.25	.567	1.0	.039	.030	.012	1.0	.039	4650	3000	0.207
30303	17	0.6693	47	1.8504	14	.5512	12	.4724	15.25	.600	1.0	.039	.060	.012	1.5	.039	5620	5110	0.208
30306	30	1.1811	72	2.8346	19	.7480	16	.6299	20.75	.817	1.5	.059	.060	.024	1.5	.059	11900	11900	0.849
32304	20	.7874	52	2.0472	21	.8268	18	.7087	22.25	.876	1.5	.059	.060	.024	1.5	.059	9810	10200	0.487
32305	25	.9843	62	2.4409	24	.9449	20	.7874	25.25	.994	1.5	.059	.060	.024	1.5	.059	10800	13600	0.774
32306	30	1.1811	72	2.8346	27	1.0630	23	.9055	28.75	1.132	1.5	.059	.060	.024	1.5	.059	17100	19200	1.17
32307	35	1.3780	80	3.1496	31	1.2205	25	.9843	32.75	1.289	2.0	.079	.060	.024	1.5	.059	21100	24600	1.61
32308	40	1.5748	90	3.5433	33	1.2992	27	1.0630	35.25	1.388	2.0	.079	.060	.024	1.5	.059	25600	31600	2.18
32310	50	1.9685	110	4.3307	40	1.5748	33	1.2992	42.25	1.663	2.5	.098	.060	.024	2.0	.079	39100	50100	3.86
32311	55	2.1654	120	4.7244	43	1.6929	35	1.3780	45.5	1.791	2.5	.098	.060	.024	2.0	.079	44700	57300	4.93

Tapered Roller Bearings



INCH SERIES



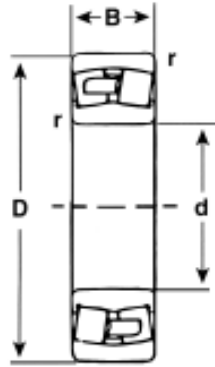
RBI Item No.	Bearing Dimensions						
	d	D	B	C	T	R	r
LM11749/LM11710	0.6875	1.5700	0.5705	0.4200	0.5450	0.050	0.050
LM11949/LM11910	0.7500	1.7810	0.6550	0.4750	0.6100	0.050	0.050
M12649/M12610	0.8437	1.9687	0.7200	0.5500	0.6900	0.050	0.050
LM12749/LM12710	0.8661	1.7810	0.6550	0.4750	0.6100	0.050	0.050
LM12749/LM12711	0.8661	1.8110	0.6550	0.4750	0.6100	0.050	0.050
14125A/14276	1.2500	2.7170	0.7710	0.6250	0.7813	0.140	0.050
15123/15245	1.2500	2.4409	0.7500	0.5625	0.7150	0.142	0.050
15123/15250	1.2500	2.5000	0.7500	0.6250	0.7750	0.142	0.050
25580/25520	1.7500	3.2650	1.0000	0.7500	0.9375	0.140	0.030
25590/25520	1.7960	3.2650	1.0000	0.7500	0.9375	0.140	0.030
L44643/L44610	1.0000	1.9800	0.5800	0.4200	0.5600	0.050	0.050
L44649/L44610	1.0625	1.9800	0.5800	0.4200	0.5600	0.140	0.050
LM48548/LM48510	1.3750	2.5625	0.7200	0.5500	0.7100	0.154	0.050
LM67048A/L67010	1.2500	2.3280	0.6600	0.4650	0.6250	0.158	0.050
LM67049A/LM67010	1.2500	2.3280	0.6600	0.4650	0.6250	0.030	0.050
L68149/L68110	1.3780	2.3280	0.6600	0.4700	0.6250	0.203	0.050
L68149/L68111	1.3780	2.3622	0.6600	0.4700	0.6250	0.203	0.050
JL69349/JL69310	1.4961	2.4803	0.6693	0.5313	0.6693		0.050
LM102949/LM102910	1.7812	2.8910	0.7800	0.6200	0.7700	0.140	0.030
LM104949/LM104911	2.0000	3.2500	0.8750	0.6500	0.8500	0.140	0.050
L45449/LM45410	1.1417	1.9800	0.5800	0.4200	0.5600	0.140	0.050
LM29749/LM29710	1.5000	2.5625	0.7200	0.5500	0.7100	0.090	0.050
LM603049/LM603011	1.7812	3.0625	0.7812	0.5937	0.7812	0.140	0.030
LM603049/LM603012	1.7812	3.0625	0.7812	0.6562	0.8437	0.140	0.030
HM212049/HM212010	2.6250	4.8125	1.5100	1.1700	1.5000	0.140	0.060
HM212049/HM212011	2.6250	4.8125	1.5100	1.1700	1.5000	0.140	0.130
HM218248/HM218210	3.5433	5.7874	1.5748	1.2795	1.5748	0.280	0.140
HM518445/HM518410	3.5000	6.0000	1.5625	1.1875	1.5625	0.250	0.130

Many Additional Inch And Metric Tapers In Stock Please Inquire

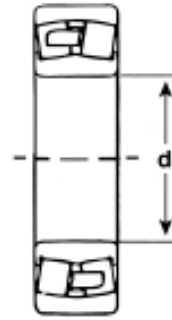


SPHERICAL ROLLER BEARINGS

22200 SERIES



Cylindrical bore
22200



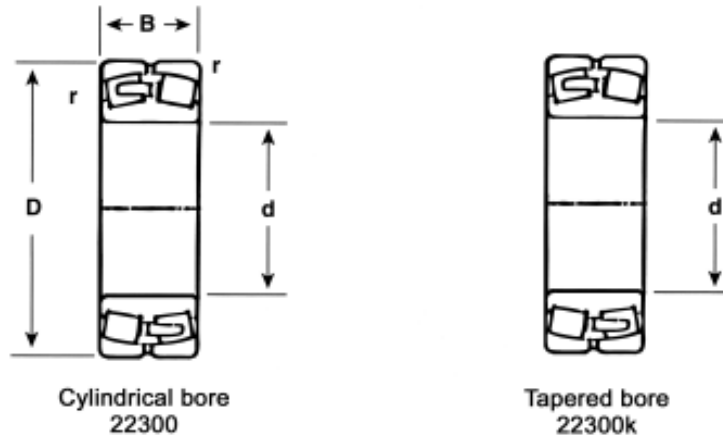
Tapered bore
22200k

RBI Bearing No.		Bore d		Outer Diameter D		Width B		Radius r		Basic Load Ratings		Weigh(ibs.)	
		m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C(ibs.)	Static C ₀ (ibs.)	222	222K
22205	22205K	25	0.9843	52	2.042	18	0.7087	1.5	0.059	6850	4800	0.40	0.39
22206	22206K	30	1.1811	62	2.4409	20	0.7874	1.5	0.059	950	6700	0.62	0.60
22207	22207K	35	1.3780	72	2.8346	23	0.9055	2.0	0.079	12200	9150	0.95	0.93
22208	22208K	40	1.5748	80	3.1496	23	0.9055	2.0	0.079	17800	19900	1.21	1.19
22209	22209K	45	1.7717	85	3.3465	23	0.9055	2.0	0.079	18600	21400	1.32	1.30
22210	22210K	50	1.9685	90	3.5433	23	0.9055	2.0	0.079	19300	23000	1.44	1.41
22211	22211K	55	2.1654	100	3.9370	25	0.9843	2.5	0.098	21000	24700	1.92	1.88
22212	22212K	60	2.3622	110	4.3307	28	1.1024	2.5	0.098	25700	33000	2.65	2.60
22213	22213K	65	2.5591	120	4.7244	31	1.2205	2.5	0.098	32000	40500	3.42	3.35
22214	22214K	70	2.7559	125	4.9213	31	1.2205	2.5	0.098	34500	45000	3.64	3.57
22215	22215K	75	2.9528	130	5.1181	31	1.2205	2.5	0.098	37000	50000	3.86	3.77
22216	22216K	80	3.1496	140	5.5118	33	1.2992	3.0	0.118	40500	53500	4.76	4.67
22217	22217K	85	3.3465	150	5.9055	36	1.4173	3.0	0.118	46500	61500	6.06	5.93
22218	22218K	90	3.5433	160	6.2992	40	1.5748	3.0	0.118	57500	77500	7.83	7.67
22219	22219K	95	3.7402	170	6.6929	43	1.6929	3.5	0.138	65500	86500	9.26	9.06
22220	22220K	100	3.9370	180	7.0866	46	1.8110	3.5	0.138	70000	92500	11.40	11.10
22222	22222K	110	4.3307	200	7.8740	53	2.0866	3.5	0.138	92500	128000	16.30	16.00
22224	22224K	120	4.7244	215	8.4646	58	2.2835	3.5	0.138	109000	158000	20.30	19.90
22226	22226K	130	5.1181	230	9.0551	64	2.5197	4.0	0.157	127000	176000	25.10	24.50
22228	22228K	140	5.5118	250	9.8425	68	2.6772	4.0	0.157	153000	218000	32.00	31.10
22230	22230K	150	5.9055	270	10.6299	73	2.8740	4.0	0.157	174000	262000	40.80	39.90
22232	22232K	160	6.2992	290	11.4173	80	3.1496	4.0	0.157	195000	290000	51.20	50.00
22234	22234K	170	6.6929	310	12.2047	86	3.3858	5.0	0.197	225000	340000	63.90	62.60
22236	22236K	180	7.0866	320	12.5984	86	3.3858	5.0	0.197	233000	360000	66.60	65.00
22238	22238K	190	7.4803	340	13.3858	92	3.6220	5.0	0.197	260000	410000	81.60	79.80
22240	22240K	200	7.8740	360	14.1732	98	3.8583	5.0	0.197	295000	450000	98.10	95.90
22244	22244K	220	8.6614	400	15.7480	108	4.2520	5.0	0.197	350000	545000	136.00	133.00
22248	22248K	240	9.4488	440	17.3228	120	4.7244	5.0	0.197	430000	680000	183.00	179.00
22252	22252K	260	10.2362	480	18.8976	130	5.1181	6.0	0.236	500000	805000	240.00	236.00
22256	22256K	280	11.0236	500	19.6850	130	5.1181	6.0	0.236	520000	855000	249.00	245.00
22260	22260K	300	11.8110	540	21.2598	140	5.5118	6.0	0.236	600000	975000	315.00	309.00
22264	22264K	320	12.5984	580	22.8346	150	5.9055	6.0	0.236	695000	1140000	386.00	377.00

SPHERICAL ROLLER BEARINGS



22300 SERIES

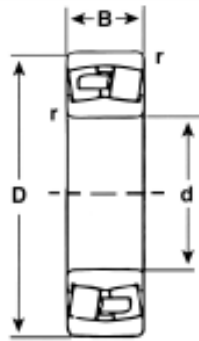


RBI Bearing No.		Bore d		Outer Diameter D		Width B		Radius r		Basic Load Ratings		Weigh(ibs.)	
		m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C(ibs.)	Static C ₀ (ibs.)	222	223K
22308	22308K	40	1.5748	90	3.5433	33	1.2992	2.5	0.098	27200	28800	2.27	2.23
22309	22309K	45	1.7717	100	3.9370	36	1.4173	2.5	0.098	33000	37500	3.09	3.02
22310	22310K	50	1.9685	110	4.3307	40	1.5748	3.0	0.118	42000	47500	4.19	4.10
22311	22311K	55	2.1654	120	4.7244	43	1.6929	3.0	0.118	46000	52500	5.29	5.18
22312	22312K	60	2.3622	130	5.1181	46	1.8110	3.5	0.138	53000	60500	6.61	6.46
22313	22313K	65	2.5591	140	5.5118	48	1.8898	3.5	0.138	59500	71000	7.94	7.76
22314	22314K	70	2.7559	150	5.9055	51	2.0079	3.5	0.138	72500	85000	9.95	9.39
22315	22315K	75	2.9528	160	6.2992	55	2.1654	3.5	0.138	14000	92000	11.90	11.60
22316	22316K	80	3.1496	170	6.6929	58	2.2835	3.5	0.138	86000	105000	14.00	13.70
22317	22317K	85	3.3465	180	7.0866	60	2.3622	4.0	0.157	93500	115000	16.30	16.00
22318	22318K	90	3.5433	190	7.4803	64	2.5197	4.0	0.157	107000	132000	19.40	19.00
22319	22319K	95	3.7402	200	7.8740	67	2.6378	4.0	0.157	112000	138000	22.70	22.30
22320	22320K	100	3.9370	215	8.4646	73	2.8740	4.0	0.157	136000	169000	28.70	28.00
22322	22322K	110	4.3307	240	9.4488	80	3.1496	4.0	0.157	167000	209000	39.90	39.00
22324	22324K	120	4.7244	260	10.2362	86	3.3858	4.0	0.157	118000	258000	48.70	47.60
22326	22326K	130	5.1181	280	11.0236	93	3.6614	5.0	0.197	221000	282000	62.80	61.50
22328	22328K	140	5.5118	300	11.8110	102	4.0157	5.0	0.197	250000	320000	78.50	76.70
22330	22330K	150	5.9055	320	12.5984	108	4.2520	5.0	0.197	281000	385000	93.70	91.70
22332	22332K	160	6.2992	340	13.3858	114	4.4882	5.0	0.197	315000	440000	113.00	110.00
22334	22334K	170	6.6929	360	14.1732	120	4.7244	5.0	0.197	340000	480000	131.00	128.00
22336	22336K	180	7.0866	380	14.9606	126	4.9606	5.0	0.197	385000	565000	154.00	151.00
22338	22338K	190	7.4803	400	15.7480	132	5.1969	6.0	0.236	415000	615000	179.00	175.00
22340	22340K	200	7.8740	420	16.5354	138	5.4331	6.0	0.236	460000	680000	206.00	202.00
22344	22344KK	220	8.6614	460	18.1102	145	5.7087	6.0	0.236	530000	790000	269.00	265.00
22348	22348K	240	9.4488	500	19.6850	155	6.1024	6.0	0.236	605000	910000	340.00	333.00
22352	22352K	260	10.2362	540	21.2598	165	6.4961	8.0	0.315	695000	1060000	423.00	414.00
22356	22356K	280	11.0236	580	22.8346	175	6.8898	8.0	0.315	790000	1200000	516.00	507.00

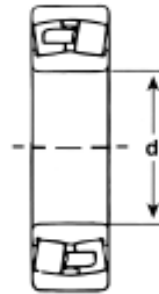


SPHERICAL ROLLER BEARINGS

23000 SERIES



Cylindrical bore
23000



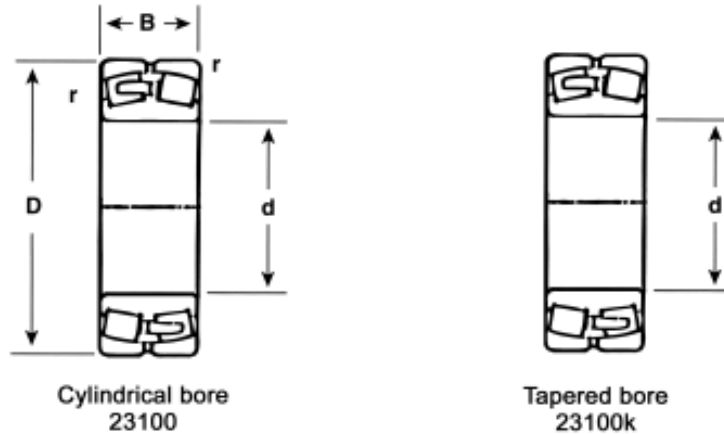
Tapered bore
23000k

RBI Bearing No.		Bore d		Outer Diameter D		Width B		Radius r		Basic Load Ratings		Weigh(ibs.)	
		m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C(ibs.)	Static C ₀ (ibs.)	230	230K
23022	23022K	110	4.3307	170	6.6929	45	1.7717	3.0	0.118	63500	102000	8.60	-
23024	23024K	120	4.7244	180	7.0866	46	1.8110	3.0	0.118	66500	111000	9.48	9.17
23026	23026K	130	5.1181	200	7.8740	52	2.0472	3.0	0.118	84500	139000	13.70	13.40
23028	23028K	140	5.5118	210	8.2677	53	2.0866	3.0	0.118	90500	150000	14.80	14.40
23030	23030K	150	5.9055	225	8.8583	56	2.2047	3.5	0.138	100000	174000	17.90	17.40
23032	23032K	160	6.2992	240	9.4488	60	2.3622	3.5	0.138	114000	199000	21.90	21.30
23034	23034K	170	6.6929	260	10.2362	67	2.6378	3.5	0.138	141000	242000	29.50	28.70
23036	23036K	180	7.0866	280	11.0236	74	2.9134	3.5	0.138	166000	291000	38.80	37.70
23038	23038K	190	7.4803	290	11.4173	75	2.9528	3.5	0.138	170000	305000	41.00	39.70
23040	23040K	200	7.8740	310	12.2047	82	3.2283	3.5	0.138	205000	365000	52.50	50.90
23044	23044K	220	8.6614	340	13.3858	90	3.5433	4.0	0.157	238000	430000	69.00	37.00
23048	23048K	240	9.4488	360	14.1732	92	3.6220	4.0	0.157	255000	480000	75.90	73.60
23052	23052K	260	10.2362	400	15.7480	104	4.0945	5.0	0.197	320000	570000	110.00	107.00
23056	23056K	280	11.0236	420	16.5354	106	4.1732	5.0	0.197	340000	655000	119.00	115.00
23060	23060K	300	11.8110	460	18.1102	118	4.6457	5.0	0.197	425000	800000	164.00	159.00
23064	23064K	320	12.5984	480	18.8976	121	4.7638	5.0	0.197	440000	870000	177.00	171.00
23068	23068K	340	13.3858	520	20.4724	133	5.2362	6.0	0.236	505000	990000	236.00	229.00
23072	23072K	360	14.1732	540	21.2598	134	5.2756	6.0	0.236	535000	1060000	249.00	243.00
23076	23076K	380	14.9606	560	22.0472	135	5.3150	6.0	0.236	550000	1201000	265.00	256.00
23080	23080K	400	15.7480	600	23.6220	148	5.8268	6.0	0.236	655000	1320000	337.00	326.00
23084	23084K	420	16.5354	620	24.4094	150	5.9055	6.0	0.236	680000	1400000	357.00	346.00
23088	23088K	440	17.3228	650	25.5906	157	6.1811	8.0	0.315	735000	1540100	410.00	397.00
23092	23092K	460	18.1102	680	26.7717	163	6.4173	8.0	0.315	805000	1680000	467.00	454.00
23096	23096K	480	18.8976	700	27.5591	165	6.4961	8.0	0.315	835000	1770000	490.00	474.00

SPHERICAL ROLLER BEARINGS



23100 SERIES

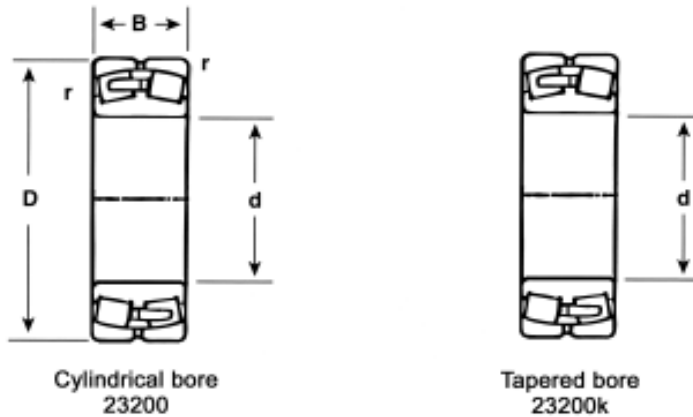


RBI Bearing No.		Bore d		Outer Diameter D		Width B		Radius r		Basic Load Ratings		Weigh(ibs.)	
		m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C (Ibs.)	Static C ₀ (Ibs.)	231	231K
23122	23122K	110	4.3307	180	7.0866	56	2.2047	3.0	0.118	83000	131000	12.90	12.50
23124	23124K	120	4.7244	200	7.8740	62	2.4409	3.0	0.118	102000	158000	17.90	17.40
23126	23126K	130	5.1181	210	8.2677	64	2.5197	3.0	0.118	111000	179000	19.60	19.00
23128	23128K	140	5.5118	225	8.8583	68	2.6772	3.5	0.138	121000	201000	23.60	22.90
23130	23130K	150	5.9055	250	9.8425	80	3.1496	3.5	0.138	165000	268000	36.20	35.10
23132	23132K	160	6.2992	270	10.6299	86	3.3858	3.5	0.138	189000	310000	45.90	44.50
23134	23134K	170	6.6929	280	11.0236	88	3.4646	3.5	0.138	198000	335000	49.20	47.60
23136	23136K	180	7.0866	300	11.8110	96	3.7795	4.0	0.157	232000	390000	62.40	60.40
23138	23138K	190	7.4803	320	12.5984	104	4.0945	4.0	0.157	268000	455000	77.80	75.40
23140	23140K	200	7.8740	340	13.3858	112	4.4094	4.0	0.157	305000	510000	95.70	92.80
23144	23144K	220	8.6614	370	14.5669	120	4.7244	5.0	0.197	350000	610000	120.00	116.00
23148	23148K	240	9.4488	400	15.7480	128	5.0394	5.0	0.197	390000	690000	148.00	144.00
23152	23152K	260	10.2362	440	17.3228	144	5.6693	5.0	0.197	470000	845000	205.00	199.00
23156	23156K	280	11.0236	460	18.1102	146	5.7480	6.0	0.236	505000	930000	219.00	213.00
23164	23164K	320	12.5984	540	21.2598	176	6.9291	6.0	0.236	700000	1300000	375.00	364.00
23168	23168K	340	13.3858	580	22.8364	190	7.4803	6.0	0.236	810000	1480000	474.00	461.00
23172	23172K	360	14.1732	600	23.6220	192	7.5591	6.0	0.236	845000	1580000	501.00	485.00
23176	23176K	380	14.9606	620	24.4094	194	7.6378	6.0	0.236	880000	1690000	527.00	512.00
23180	23180K	400	15.7480	650	25.5906	200	7.8740	8.0	0.315	940000	1810000	593.00	576.00
23184	23184K	420	16.5354	700	27.5591	224	8.8189	8.0	0.315	1150000	2200000	796.00	772.00
23188	23188K	440	17.3228	720	28.3465	226	8.8976	8.0	0.315	1170000	2260000	829.00	803.00
23192	23192K	460	18.1102	760	29.9213	240	9.4488	10.0	0.394	1290000	2560000	986.00	955.00
23196	23196K	480	18.8976	790	31.1024	248	9.7638	10.0	0.394	1410000	2810000	1100.00	1070.00



SPHERICAL ROLLER BEARINGS

23200 SERIES

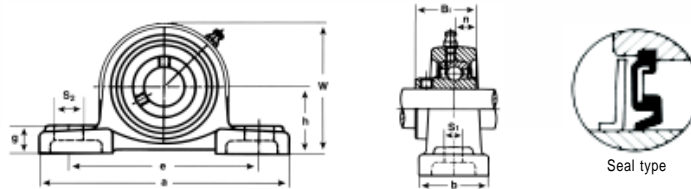


RBI Bearing No.		Bore d		Outer Diameter D		Width B		Radius r		Basic Load Ratings		Weight (lbs.)	
		m m	in.	m m	in.	m m	in.	m m	in.	Dynamic C (lbs.)	Static C ₀ (lbs.)	232	232K
23218	23218K	90	3.5443	160	6.2992	52.4	2.0630	3.0	0.118	71500	103000	9.97	9.53
23220	23220K	100	3.9370	180	7.0866	60.3	0.3740	3.5	0.138	91000	130000	14.70	14.00
23222	23222K	110	4.3307	200	7.8740	69.8	2.7480	3.5	0.138	115000	171000	22.50	21.70
23224	23224K	120	4.7244	215	8.4646	76	2.9921	3.5	0.138	132000	198000	27.10	26.20
23226	23226K	130	5.1181	230	9.0551	80	3.1496	4.0	0.157	154000	239000	32.20	31.10
23228	23228K	140	5.5118	250	9.8425	88	3.4646	4.0	0.157	250000	320000	42.30	41.00
23230	23230K	150	5.9055	270	10.6299	96	3.7795	4.0	0.157	210000	330000	54.20	52.70
23232	23232K	160	6.2992	290	11.4173	104	4.0945	4.0	0.157	315000	440000	68.40	66.40
23234	23234K	170	6.6929	310	12.2047	110	4.3307	5.0	0.197	264000	440000	83.10	80.40
23236	23236K	180	7.0866	320	12.5984	112	4.4094	5.0	0.197	284000	465000	87.80	85.10
23238	23238K	190	7.4803	340	13.3858	120	3.7244	5.0	0.197	320000	530000	107.00	104.00
23240	23240K	200	7.8740	360	14.1732	128	5.0394	5.0	0.197	365000	595000	129.00	125.00
23244	23244K	220	8.6614	400	15.7480	144	5.6693	5.0	0.197	440000	730000	181.00	175.00
23248	23248K	240	9.4488	440	17.3228	160	6.2992	5.0	0.197	535000	900000	245.00	238.00
23252	23252K	260	10.2362	480	18.8976	174	6.8504	6.0	0.236	620000	160000	317.00	309.00
23256	23256K	280	11.0236	500	19.6850	176	6.9291	6.0	0.236	660000	1160000	340.00	331.00
23260	23260K	300	11.8110	540	21.2598	192	7.5591	6.0	0.236	775000	1350000	437.00	423.00
23264	23264K	320	12.5984	580	22.8346	208	8.1890	6.0	0.236	890000	1560000	547.00	531.00
23268	23268K	340	13.3858	620	24.4094	224	8.8189	8.0	0.315	990000	1760000	679.00	657.00
23272	23272K	360	14.1732	650	25.5906	232	9.1339	8.0	0.315	1090000	1950000	767.00	741.00
23276	23276K	380	14.9606	680	26.7717	240	9.4488	8.0	0.315	1170000	2170000	862.00	831.00
23280	23280K	400	15.7480	720	28.3213	256	10.0787	8.0	0.315	1330000	2420000	1030.00	1000.00
23284	23284K	420	16.5354	760	29.9213	272	10.7087	10.0	0.394	1450000	2660000	1230.00	1190.00
23288	23288K	440	17.3228	790	31.1024	280	11.0236	10.0	0.394	1530000	2850000	1360.00	1310.00

PILLOW BLOCKS



SET SCREW HIGH-CENTER HEIGHT



UCP200-SERIES

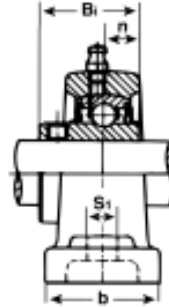
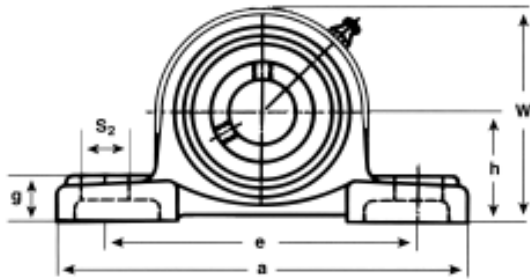
Shaft Dia.		REI	Dimensions (in.)										Boit Used	Bearing	Housing	Weight	
m	in	Unit No.	h	a	e	b	s ₂	s ₁	g	w	H	n	in	NO.	No.	kg	lbs.
12	1/2	UCP201-8	1-3/16	5	3-3/4	1-1/2	3/4	1/2	15/32	2-3/8	1.2205	0.7205	3/8	UC201-8	F203	0.78	1.72
	5/8	202-10												202-10			
		UCP201												UC201			
		202												202			
15		203															
17		203															
20	3/4	UCP204-12	1-5/16	5	3-3/4	1-1/2	3/4	1/2	1/2	2-17/32	1.2205	0.7205	3/8	UC204-12	F204	0.66	1.46
		UCP204												UC204			
25	7/8	UCP205-14	1-7/16	5-1/2	4-1/8	1-1/2	3/4	1/2	1/2	2-25/32	1.3386	0.5630	3/8	UC205-14	F205	0.86	1.90
	15/16	205-15												205-15			
	1	205-16												205-16			
		UCP205												UC205			
30	1-1/16	UCP206-17	1-11/16	6-1/2	4-3/4	1-7/8	13/16	21/32	19/32	3-5/16	1.5000	0.6260	1/2	UC206-17	F206	1.14	3.11
	1-1/8	206-18												206-18			
	1-3/16	206-19												206-19			
	1-1/4	206-20												206-20			
		UCP206												UC206			
35	1-1/4	UCP207-20	1-7/8	6-9/16	5	1-7/8	13/16	21/32	5/8	3-21/32	1.6890	0.6890	1/2	UC207-20	F207	1.66	3.66
	1-5/16	207-21												207-21			
	1-3/8	207-22												207-22			
	1-7/16	207-23												207-23			
		UCP207												UC207			
40	1-1/2	UCP208-24	1-15/16	7-1/4	5-13/32	2-1/8	13/16	21/32	21/32	3-27/32	1.9370	0.7460	1/2	UC208-24	F208	2.12	4.67
	1-9/16	208-25												208-25			
		UCP208												UC208			
45	1-5/8	UCP209-26	2-1/8	7-15/32	5-3/4	2-1/8	13/16	21/32	21/32	4-3/16	1.9370	0.7480	1/2	UC209-26	F209	2.40	5.29
	1-11/16	209-27												209-27			
	1-3/4	209-28												209-28			
		UCP209												UC209			
50	1-7/8	UCP210-30	2-1/4	8-1/8	6-1/4	2-3/8	7/8	25/32	3/4	4-7/16	2.0315	0.7480	1/2	UC210-30	F210	2.94	6.48
	1-15/16	210-31												210-31			
		UCP210												UC210			
55	2	UCP211-32	2-1/2	8-5/8	6-23/32	2-3/8	7/8	25/32	3/4	4-29/32	2.1890	0.8740	5/8	UC211-32	F211	3.66	8.07
	2-1/8	211-34												211-34			
	2-3/16	211-35												211-35			
		UCP211												UC211			
60	2-1/4	UCP212-36	2-3/4	9-1/2	7-1/4	2-3/4	1	25/32	7/8	5-7/16	2.5630	1.0000	5/8	UC212-36	F212	5.15	11.3
	2-3/8	212-38												212-38			
	2-7/16	212-39												212-39			
		UCP212												UC212			
65	2-1/2	UCP213-40	3	10-7/16	8	2-3/4	1-3/16	1	1	5-29/32	2.5630	1.0000	3/4	UC213-40	F213	6.10	13.4
		UCP213												UC213			
70	2-3/4	UCP214-44	3-1/8	10-15/32	8-9/32	2-27/32	1-3/16	1	1-3/32	6-5/32	2.9370	1.1890	3/4	UC214-44	F214	6.90	15.2
		UCP214												UCP214			
75	2-15/16	UCP215-47	3-1/4	10-13/16	8-17/32	2-29/32	1-3/16	1	1-3/32	6-3/8	3.0630	1.3110	3/4	UC215-47	F215	7.85	17.3
	3	215-48												215-48			
	3	UCP215												UC215			

Note: Grease fittings can be positioned on pillow blocks at 90° upon request



PILLOW BLOCKS

SET SCREW TYPE-LOW CENTER HEIGHT



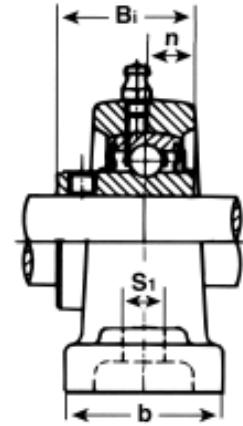
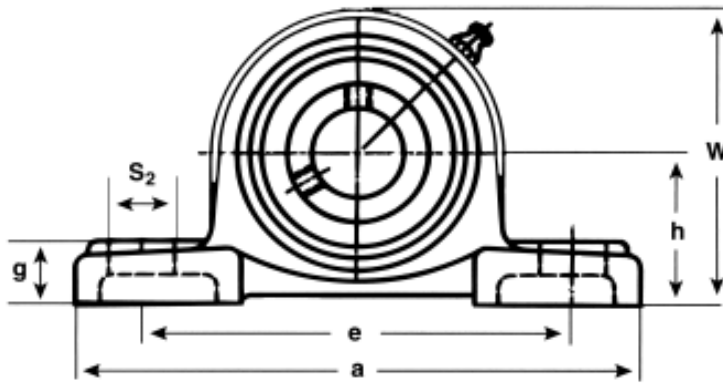
UCAK200-SERIES

Shaft Dia.		REI Unit No.	Dimensions (in.)										Bolt Used in.	Bearing NO.	Housing No.	Weight		
m m	in		h	a	e	b	s ₂	s ₁	g	w	fl	n				kg	lbs.	
12	1/2	UCAK201-8 202-10 204-12	1-1/4	5-1/4	3-7/8	1-5/8	9/16	7/16	9/16	2-1/2	1.2205	0.7205	3/8	UC201-8 202-10 204-12	AK204	0.85	1.87	
	5/8																	UCAK201
	3/4																	
	15	202																
	17	203																
20	204																	
25	7/8	UCAK205-14 205-15 205-16	1-5/16	5-1/2	4-1/8	1-3/4	9/16	7/16	5/8	2-11/16	1.3386	0.5630	3/8	UC205-14 205-15 205-16	AK205	1.00	2.20	
	15/16																	UCAK205
	1																	
	25	UC205																
30	1-1/16	UCAK206-17 206-18 206-19 206-20	1-9/16	6-5/16	4-3/4	1-7/8	3/4	9/16	11/16	3-5/32	1.5000	0.6260	1/2	UC206-17 206-18 206-19 206-20	AK206	1.40	3.09	
	1-1/8																	
	1-3/16																	
	1-1/4																	
	30																	UC206
35	1-1/4	UCAK207-20 207-21 207-22 207-23	1-13/16	6-9/16	5	1-7/8	3/4	9/16	3/4	3-5/8	1.6890	0.6890	1/2	UC207-20 207-21 207-22 207-23	AK207	1.77	3.90	
	1-5/16																	
	1-3/8																	
	1-7/16																	
	35																	UCAK207
40	1-1/2	UCAK208-24 208-25	1-15/16	7-1/8	5-1/2	2-1/8	3/4	9/16	3/4	3-15/16	1.9370	0.7480	1/2	UC208-24 208-25	AK208	2.11	4.65	
	1-9/16																	
	40																	UCAK208
45	1-5/8	UCAK209-26 209-27 209-28	2-1/16	7-1/2	5-3/4	2-1/8	3/4	9/16	13/16	4-13/16	1.9370	0.7480	1/2	UC209-26 209-27 209-28	AK209	2.47	5.47	
	1-11/16																	
	1-3/4																	
45	UCAK209																	
50	1-7/8	UCAK210-30 210-31	2-3/16	8	6-1/4	2-1/4	3/4	9/16	7/8	4-7/16	2.0315	0.7480	1/2	UC210-30 210-31	AK210	2.43	6.46	
	1-15/16																	
	50																	UCAK210
55	2	UCAK211-32 211-34 211-35	2-7/16	9-1/8	7-1/8	2-3/8	15/16	11/16	1	4-29/32	2.1890	0.8740	5/8	UC211-32 211-34 211-35	AK211	3.97	8.75	
	2-1/8																	
	2-3/16																	
55	UCAK211																	
60	2-1/4	UCAK212-36 212-38 212-39	2-11/16	9-1/2	7-1/2	2-1/2	15/16	11/16	1-1/8	5-3/8	2.5630	1.0000	5/8	UC212-36 212-38 212-39	AK212	5.01	11.0	
	2-3/8																	
	2-7/16																	
60	UCAK212																	
75	2-15/16	UCAK215-47 215-48	3-5/16	12	9-1/2	3-1/4	1-1/4	7/8	1-1/2	6-17/32	3.0630	1.3110	3/4	UC215-47 215-48	AK215	8.50	18.7	
	3																	
75	UCAK215																	

PILLOW BLOCKS



SET SCREW TYPE-MEDIUM DUTY SERIES



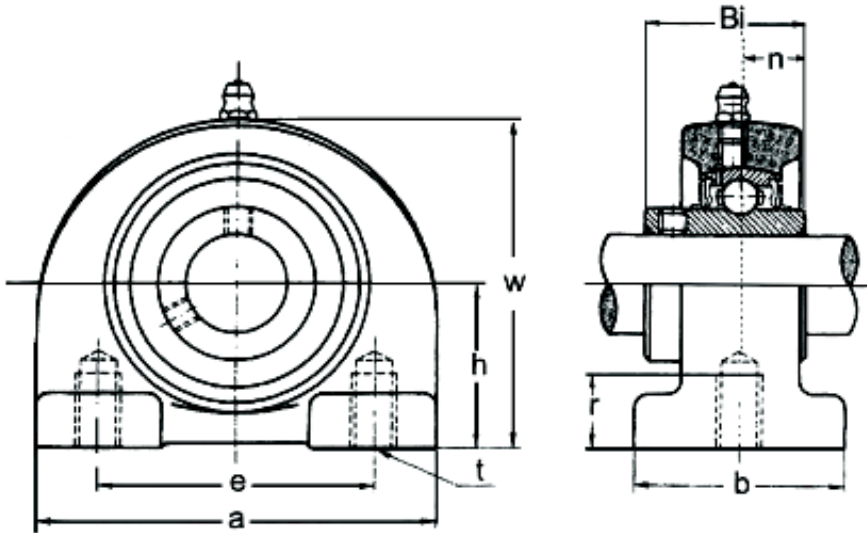
UCPX00-SERIES

Shaft Dia. in	REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
		h	a	e	b	s ₂	s ₁	g	w	h	n				kg	Ibs.
7/8 15/16 1	UCPX05-14 X05-15 X05-16	1-3/4	6-1/4	4-11/16	2	1	21/32	5/8	3-3/8	1.5000	0.6260	1/2	UCX05-14 X05-15 X05-16	PX05	1.60	3.53
1-1/8 1-3/16 1-1/4	UCPX06-18 X06-19 X06-20	1-7/8	6-7/8	5	2-1/4	1	21/32	21/32	3-11/16	1.6890	0.6890	1/2	UCX06-18 X06-19 X06-20	PX06	2.14	4.72
1-1/4 1-5/16 1-3/8 1-7/16	UCPX07-20 X07-21 X07-22 X07-23	2-1/8	8	5-21/32	2-1/4	1-3/16	21/32	3/4	4-1/8	1.9370	0.7480	1/2	UCX07-20 X07-21 X07-22 X07-23	PX07	2.85	6.28
1-1/2 1-9/16	UCPX08-24 X08-25	2-5/16	8-3/4	6-5/32	2-5/8	1-1/4	25/32	13/16	4-1/2	1.9370	0.7480	5/8	UCX08-24 X08-25	PX08	3.71	8.18
1-5/8 1-11/16 1-3/4	UCPX09-26 X09-27 X09-28	2-5/16	8-3/4	6-5/32	2-5/8	1-5/16	25/32	13/16	4-9/16	2.0315	0.7480	5/8	UCX09-26 X09-27 X09-28	PX09	3.65	8.05
1-7/8 1-15/16 2	UCPX10-30 X10-31 X10-32	2-1/2	9-1/2	6-23/32	2-7/8	1-13/32	25/32	7/8	4-31/32	2.1890	0.8740	5/8	UCX10-30 X10-31 X10-32	PX10	4.49	9.90
2-1/8 2-3/16 2-1/4	UCPX11-34 X11-35 X11-36	2-3/4	10-1/4	7-1/4	3-1/8	1-13/32	1	1-3/32	5-15/32	2.5630	1.0000	3/4	UCX11-34 X11-35 X11-36	PX11	6.25	13.8
2-3/8 2-7/16	UCPX12-38 X12-39	3	11-1/4	8	3-9/32	1-9/16	1	1-3/32	5-31/32	2.5630	1.0000	3/4	UCX12-38 X12-39	PX12	7.52	16.6
2-1/2	UCPX13-40	3	11-1/4	8	3-9/32	1-9/16	1	1-3/32	6-3/32	2.9370	1.1890	3/4	UCX13-40	PX13	8.20	18.1
2-3/4	UCPX14-44	3-1/2	13	9-1/32	3-1/2	1-31/32	1-1/16	1-1/4	6-7/8	3.0630	1.3110	7/8	UCX14-44	PX14	10.60	23.4
2-15/16 3	UCPX15-47 X15-48	3-1/2	13	9-1/32	3-1/2	1-31/32	1-1/16	1-1/4	6-7/8	3.2520	1.3110	7/8	UCX15-47 X15-48	PX15	12.30	27.1



TAP BASE PILLOW BLOCKS

UCTB200 SERIES

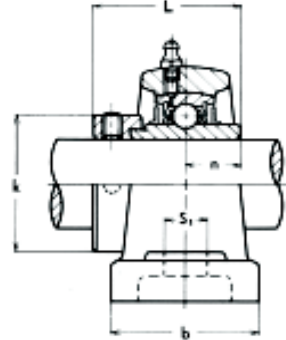
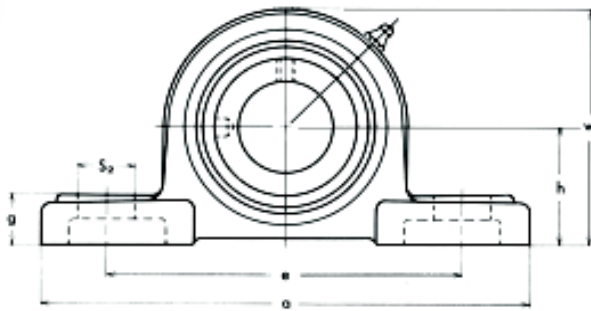


Shaft Diam. (in.)	RBI Unit#	Dimensions (in.)								Bolt Size (in.)	Bearing #	Housing #	Weight (lb.)
		h	a	e	b	r	w	B	n				
1/2	UCTB201-8	1-5/16	2-7/8	2	1-1/2	1/2	2-9/16	1.220	0.500	3/8-16	UC201-8	TB204	1.43
5/8	UCTB202-10										UC202-10		
3/4	UCTB204-12										UC204-12		
7/8	UCTB205-14	1-7/16	3	2	1-1/2	1/2	2-13/16	1.339	0.563	3/8-16	UC205-14	TB205	1.79
15/16	UCTB205-15										UC205-15		
1	UCTB205-16										UC205-16		
1-1/16	UCTB206-17	1-11/16	4	3	1-1/2	5/8	3-3/8	1.500	0.626	7/16-14	UC206-17	TB206	2.65
1-1/8	UCTB206-18										UC206-18		
1-3/16	UCTB206-19										UC206-19		
1-1/4	UCTB206-20										UC206-20		
1-1/4	UCTB206-20	1-7/8	4-1/4	3-1/4	1-7/8	3/4	3-3/4	1.689	0.689	1/2-13	UC207-20	TB207	3.75
1-5/16	UCTB207-21										UC207-21		
1-3/8	UCTB207-22										UC207-22		
1-7/16	UCTB207-23										UC208-23		
1-1/2	UCTB208-24	1-15/16	4-5/8	3-1/2	1-7/8	3/4	3-15/16	1.937	0.748	1/2-13	UC208-24	TB208	4.19
1-5/8	UCTB209-26	2-1/8	5	3-3/4	2	3/4	4-1/4	1.937	0.748	1/2-13	UC209-26	TB209	4.85
1-11/16	UCTB209-27										UC209-27		
1-3/4	UCTB209-28										UC209-28		
1-7/8	UCTB210-30	2-1/4	5-1/2	4	2	7/8	4-5/8	2.031	0.748	5/8-11	UC210-30	TB210	5.73
1-15/16	UCTB210-31										UC210-31		

PILLOW BLOCKS



ECCENTRIC LOCKING COLLAR TYPE HIGH CENTER HEIGHT



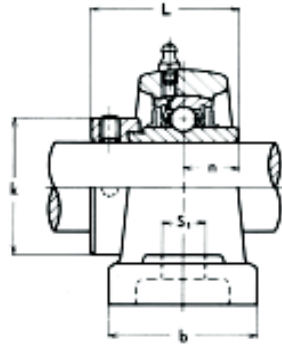
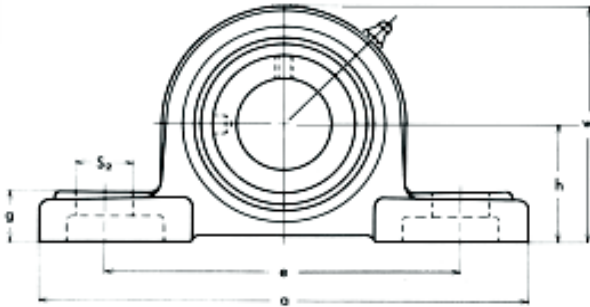
HCP200-SERIES

Shaft Dia.		REI Unit No.	Dimensions (in.)											Bolt Used in	Bearing NO.	Housing No.	Weight	
m	mm		h	a	e	b	s ₂	s ₁	g	w	L	n	K				kg	lbs.
20	3/4	HCP204-12 HCP204	1-5/16	5	3-3/4	1-1/2	3/4	1/2	1/2	2-17/32	1.720	0.673	1-1/4	3/8	HC204-12 HC204	E204	0.70	1.54
25	7/8 15/16 1	HCP205-14 205-15 205-16 HCP205	1-7/16	5-1/2	4-1/8	1-1/2	3/4	1/2	1/2	2-25/32	1.748	0.688	1-1/2	3/8	HC205-14 205-15 205-16 HC205	E205	0.88	1.94
30	1-1/16 1-1/8 1-3/16 1-1/4	HCP206-17 206-18 206-19 206-20 HCP206	1-11/16	6-1/2	4-3/4	1-7/8	13/16	21/32	19/32	3-5/16	1.905	0.720	1-3/4	1/2	HC206-17 206-18 206-19 206-20 HC206	E206	1.46	3.22
35	1-1/4 1-5/16 1-3/8 1-7/16	HCP207-20 207-21 207-22 207-23 HCP207	1-7/8	6-9/16	5	1-7/8	13/16	21/32	5/8	3-21/32	2.016	0.742	2-3/16	1/2	HC207-20 207-21 207-22 207-23 HC207	E207	1.74	3.84
40	1-1/2 1-9/16	HCP208-24 208-25 HCP208	1-15/16	7-1/4	5-13/32	2-1/8	13/16	21/32	21/32	3-27/32	2.220	0.844	2-3/8	1/2	HC208-24 208-25 HC208	E208	2.25	4.96
45	1-5/8 1-11/16 1-3/4	HCP209-26 209-27 209-28 HCP209	2-1/8	7-15/32	5-3/4	2-1/8	13/16	21/32	21/32	4-3/16	2.220	0.844	2-1/2	1/2	HC209-26 209-27 209-28 HC209	E209	2.53	5.58
50	1-7/8 1-15/16	HCP210-30 210-31 HCP210	2-1/4	8-1/8	6-1/4	2-3/8	7/8	25/32	3/4	4-7/16	2.468	0.969	2-3/4	5/8	HC210-30 210-31 HC210	E210	3.14	6.92
55	2 2-1/8 2-3/16	HCP211-32 211-34 211-35 HCP211	2-1/2	8-5/8	6-23/32	2-3/8	7/8	25/32	3/4	4-29/32	2.814	1.049	3	5/8	HC211-32 211-34 211-35 HC211	E211	3.95	8.71
60	2-1/4 2-3/8 2-7/16	HCP212-36 212-38 212-39 HCP212	2-3/4	9-1/2	7-1/4	2-3/4	1	25/32	7/8	5-7/16	3.062	1.219	3-5/16	3/8	HC212-36 212-38 212-39 HC212	E212	5.50	12.1
	2-15/16 3	HCP215-47 215-48	3-1/4	10-13/16	8-17/32	2-29/32	1-3/16	1	1-3/32	6-3/8	3.374	1.469	4-1/32	3/4	HC215-47 215-48	E215	9.02	19.9



PILLOW BLOCKS

ECCENTRIC LOCKING COLLAR TYPE LOW CENTER HEIGHT



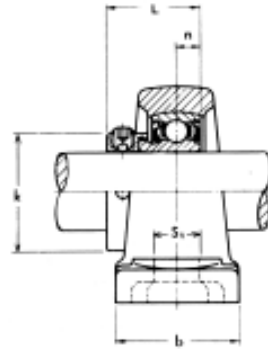
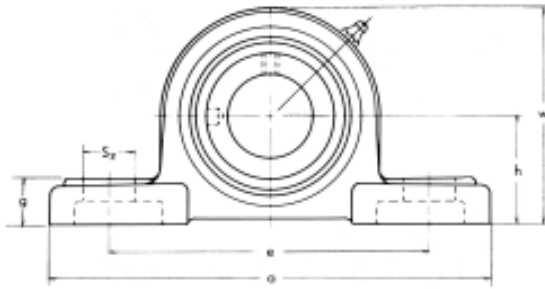
HCAK200-SERIES

Shaft		REI Unit No.	Dimensions (in.)											Bolt Used in.	Bearing NO.	Housing No.	Weight	
m m	in.		h	a	e	b	s ₂	s ₁	g	w	L	n	k				kg	lbs.
20	3/4	HCAK204-12	1-1/4	5-1/4	3-7/8	1-5/8	9/16	7/16	9/16	2-1/2	1.720	0.673	1-1/4	3/8	HC204-12 HC204	AK204	0.89	1.96
25	7/8	HCAK205-14	1-5/16	5-1/2	4-1/8	1-3/4	9/16	7/16	5/8	2-11/16	1.748	0.688	1-1/2	3/8	HC205-14 205-15 205-16 HC205	AK205	1.02	2.25
	15/16	205-15																
	1	205-16																
30	1-1/16	HCAK206-17	1-9/16	6-5/16	4-3/4	1-7/8	3/4	9/16	11/16	3-5/32	1.905	0.720	1-3/4	1/2	HC206-17 206-18 206-19 206-20 HC206	AK206	1.45	3.20
	1-1/8	206-18																
	1-3/16	206-19																
	1-1/4	206-20																
35	1-1/4	HCAK207-20	1-13/16	6-9/16	5	1-7/8	3/4	9/16	3/4	3-5/8	2.016	0.742	2-3/16	1/2	HC207-20 207-21 207-22 207-23 HC207	AK207	1.85	4.08
	1-5/16	207-21																
	1-3/8	207-22																
	1-7/16	207-23																
40	1-1/2	HCAK208-24	1-15/16	7-1/8	5-1/2	2-1/8	3/4	9/16	3/4	3-15/16	2.220	0.844	2-3/8	1/2	HC208-24 208-25 HC208	AK208	2.24	4.94
	1-9/16	208-25																
45	1-5/8	HCAK209-26	2-1/16	7-1/2	5-3/4	2-1/8	3/4	9/16	13/16	4-3/16	2.220	0.844	2-1/2	1/2	HC209-26 209-27 209-28 HC209	AK209	2.60	5.73
	1-11/16	209-27																
	1-3/4	209-28																
50	1-7/8	HCAK210-30	2-3/16	8	6-1/4	2-1/4	3/4	9/16	7/8	4-7/16	2.468	0.969	2-3/4	1-2	HC210-30 210-31 HC210	AK210	3.13	6.90
	1-15/16	210-31																
55	2	HCAK211-32	2-7/16	9-1/8	7-1/8	2-3/8	15/16	11/16	1	4-29/32	2.814	1.049	3	5/8	HC211-32 211-34 HC211	AK211	4.26	9.39
	2-1/8	211-34																
	2-3/16	HCAK211																
60	2-1/4	HCAK212-36	2-11/16	9-1/2	7-1/2	2-1/2	15/16	11/16	1-1/8	5-3/8	3.062	1.219	3-5/16	5/8	HC212-36 212-38 212-39 HC212	AK212	6.35	11.8
	2-3/8	212-38																
	2-7/16	212-39																
		HCAK212																
60	2-15/16	HCAK215-47	3-5/16	12	9-1/2	3-1/4	1-1/4	7/8	1-1/2	6-17/32	3.374	1.469	4-1/32	3/4	HC215-47 215-48	AK215	9.02	19.9
	3	215-48																

PILLOW BLOCKS



SET SCREW TYPE-LIGHT DUTY INSERTS



SBP200-SERIES
SBAK200-SERIES

SBP200-SERIES

HIGH CENTER HEIGHT

Shaft Dia. in	REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
		h	a	e	b	s ₂	s ₁	g	w	H	n				kg	lbs.
3/4	SBP204-12	1-5/16	5	3-3/4	1-1/2	3/4	1/2	1/2	2-17/32	0.984	0.275	3/8	SB204-12G	P204	0.63	1.39
7/8	SBP205-14	1-7/16	5-1/2	4-1/8	1-1/2	3/4	1/2	1/2	2-25/32	1.062	0.295	3/8	SB205-14G	P205	0.83	1.83
15/16	205-15												205-15G			
1	205-16												205-16G			
1-1/16	SBP206-17	1-11/16	6-1/2	4-3/4	1-7/8	13/16	21/32	19/32	3-5/16	1.181	0.315	1/2	SB206-17G	P206	1.34	2.95
1-1/8	206-18												206-18G			
1-3/16	206-19												206-19G			
1-1/4	206-20												206-20G			
1-1/4	SBP207-20	1-7/8	6-9/16	5	1-7/8	13/16	21/32	5/8	3-21/32	1.259	0.335	1/2	SB207-20G	P207	1.57	3.46
1-5/16	207-21												207-21G			
1-3/8	207-22												207-22G			
1-7/16	207-23												207-23G			
1-1/2	SBP208-24	1-15/16	7-1/4	5-13/32	2-1/8	13/16	21/32	21/32	3-27/32	1.338	0.354	1/2	SB208-24G	P208	2.04	4.50

SBAK200-SERIES

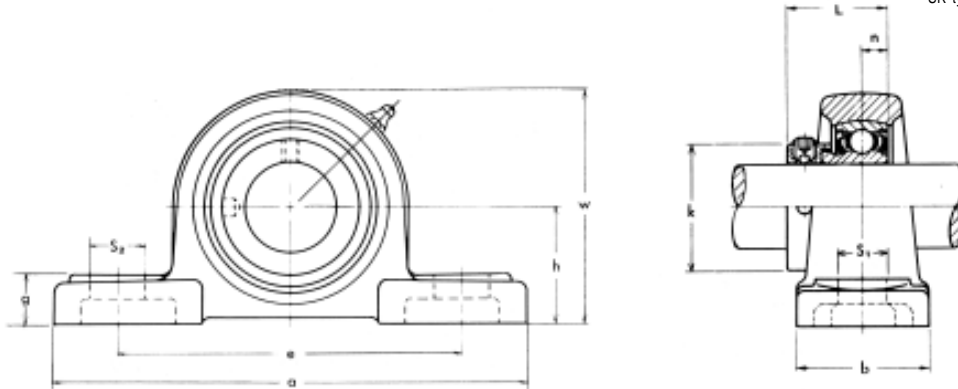
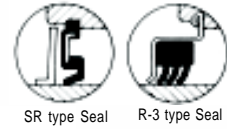
LOW CENTER HEIGHT

Shaft Dia. in	REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
		h	a	e	b	s ₂	s ₁	g	w	H	n				kg	lbs.
3/4	SBAK204-12	1-1/4	5-1/4	3-7/8	1-5/8	9/16	7/16	9/16	2-1/2	0.984	0.275	3/8	SB204-12G	AK204	0.82	1.81
7/8	SBAK205-14	1-5/16	5-1/2	4-1/8	1-3/4	9/16	7/16	5/8	2-11/16	1.062	0.295	3/8	SB205-14G	AK205	0.97	2.14
15/16	205-15												205-15G			
1	205-16												205-16G			
1-1/16	SBAK206-17	1-9/16	6-5/16	4-3/4	1-7/8	3/4	9/16	11/16	3-5/32	0.181	0.315	1/2	SB206-17G	AK206	1.33	2.93
1-18	206-18												206-18G			
1-3/16	206-19												206-19G			
1-1/4	206-20												206-20G			
1-1/4	SBAK207-20	1-13/16	6-9/16	5	1-7/8	3/4	9/16	3/4	3-5/8	1.259	0.335	1/2	SB207-20G	AK207	1.68	3.70
1-5/16	207-21												207-21G			
1-3/8	207-22												207-22G			
1-7/16	207-23												207-23G			
1-1/2	SBAK208-24	1-15/16	7-1/8	5-1/2	2-1/8	3/4	9/16	3/4	3-15/16	1.338	0.354	1/2	SB208-24G	AK208	2.03	4.50



PILLOW BLOCKS

ECENTRIC LOCKING COLLAR TYPE- LIGHT DUTY INSERTS



SAP200-SERIES HIGH CENTER HEIGHT

Shaft Dia. in	REI Unit No.	Dimensions (in.)											Bolt Used in	Bearing NO.	Housing No.	Weight	
		h	a	e	b	s ₂	s ₁	g	w	L	n	k				kg	lbs.
3/4	SAP204-12	1-5/16	5	3-3/4	1-1/2	3/4	1/2	1/2	2-17/32	1.218	0.295	1-1/4	3/8	SA204-12G	P204	0.65	1.43
7/8	SAP205-14	1-7/16	5-1/2	4-1/8	1-1/2	3/4	1/2	1/2	2-25/32	1.218	0.295	1-1/2	3/8	SA205-14G	P205	0.85	1.87
15/16	205-15													205-15G			
1	205-16													205-16G			
1-1/16	SAP206-17	1-11/16	6-1/2	4-3/4	1-7/8	13/16	21/32	19/32	3-5/16	1.406	0.354	1-3/4	1/2	SA206-17G	P206	1.40	3.09
1-1/8	206-18													206-18G			
1-3/16	206-19													206-19G			
1-1/4	206-20													206-20G			
1-1/4	SAP207-20													1-7/8				6-9/16	5	1-7/8	13/16	21/32	5/8	3-21/32	1.531	0.374	2-3/16	1/2	SA207-20G	P207	1.68	3.70
1-5/16	207-21	207-21G															
1-3/8	207-22	207-22G															
1-7/16	207-23	207-23G															
1-1/2	SAP208-24	1-15/16	7-1/4	5-13/32	2-1/8	13/16	21/32	21/32	3-27/32	1.719	0.433	2-3/8	1/2	SA208-24G	P208	2.12	4.67

SAAK200-SERIES LOW CENTER HEIGHT

Shaft Dia. in	REI Unit No.	Dimensions (in.)											Bolt Used in	Bearing NO.	Housing No.	Weight	
		h	a	e	b	s ₂	s ₁	g	w	L	n	k				kg	lbs.
3/4	SAAK204-12	1-1/4	5-1/4	3-7/8	1-5/8	9/16	7/16	9/16	2-1/2	1.218	0.295	1-1/4	3/8	SA204-12G	AK204	0.84	1.85
7/8	SAAK205-14	1-5/16	5-1/2	4-1/8	1-3/4	9/16	7/16	5/8	2-11/16	1.218	0.295	1-1/2	3/8	SA205-14G	AK205	0.99	2.18
15/16	205-15													205-15G			
1	205-16													205-16G			
1-1/16	SAAK206-17	1-9/16	6-5/16	4-3/4	1-7/8	3/4	9/16	11/16	3-5/32	1.406	0.354	1-3/4	1/2	SA206-17G	AK206	1.39	3.06
1-1/8	206-18													206-18G			
1-3/16	206-19													206-19G			
1-1/4	206-20													206-20G			
1-1/4	SAAK207-20													1-3/16				6-9/16	5	1-7/8	3/4	9/16	3/4	3-5/8	1.531	0.374	2-3/16	1/2	SA207-20G	AK207	1.79	3.95
1-5/16	207-21	207-21G															
1-3/8	207-22	207-22G															
1-7/16	207-23	207-23G															
1-1/2	SAAK208-24	1-15/16	7-1/8	5-1/2	2-1/8	3/4	9/16	3/4	3-15/16	1.719	0.433	2-3/8	1/2	SA208-24G	AK208	2.11	4.65

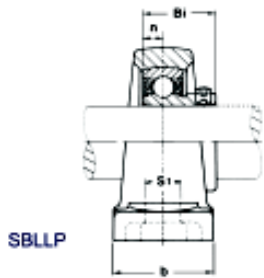
PILLOW BLOCKS



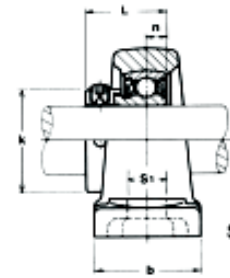
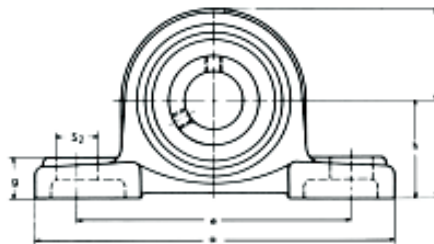
NARROW CAST IRON HOUSING SERIES



Seal type



SBLP



SALLP

SBLP200-SERIES

SET SCREW TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
		h	a	e	b	s ₂	s ₁	g	w	H	n				kg	lbs.
1/2 5/8	SBLP201-8 202-10	1-3/16	4-1/2	3-7/16	1	5/8	7/16	15/32	2-1/4	0.866	0.236	3/8	SB201-8 202-10	LLP203	0.38	0.84
3/4	SBLP204-12	1-5/16	4-29/32	3-13/16	1-1/16	5/8	7/16	1/2	2-9/16	0.984	0.275	3/8	SB204-12	LLP204	0.47	1.03
7/8 15/16 1	SBLP205-14 205-15 205-16	1-7/16	5-1/8	3-15/16	1-5/32	5/8	7/16	1/2	2-25/32	1.062	0.295	3/8	SB205-14 205-15 205-16	LLP205	0.58	1.28
1-1/8 1-3/16 1-1/4	SBLP206-18 206-19 206-20	1-11/16	6-5/32	4-22/32	1-5/16	13/16	7/16	9/16	3-9/32	1.181	0.315	1/2	SB206-18 206-19 206-20	LLP206	0.68	1.50
1-1/4 1-5/16 1-3/8 1-7/16	SBLP207-20 207-21 207-22 207-23	1-7/8	6-1/2	5	1-3/8	13/16	9/16	5/8	3-23/32	1.259	0.335	1/2	SB207-20 207-21 207-22 207-23	LLP207	0.94	2.07
1-1/2	SBLP208-24	2	7-1/4	5-1/2	1-15/32	7/8	9/16	23/32	4-1/32	1.338	0.354	1/2	SB208-24	LLP208	1.80	3.96

SALLP200-SERIES

ECCENTRIC LOCKING COLLAR TYPE

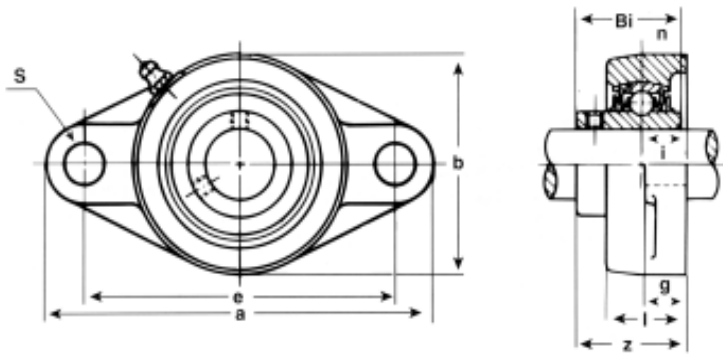
Shaft Dia. in	REI Unit No.	Dimensions (in.)											Bolt Used in	Bearing NO.	Housing No.	Weight	
		h	a	e	b	s ₂	s ₁	g	w	L	n	k				kg	lbs.
1/2 5/8	SALLP201-8 202-10	1-3/16	4-1/2	3-7/16	1	5/8	7/16	15/32	2-1/4	1.125	0.256	1-1/8	3/8	SA201-8 202-10	LLP203	0.41	0.90
3/4	SALLP204-12	1-5/16	4-29/32	3-13/16	1-1/16	5/8	7/16	1/2	2-9/16	1.218	0.295	1-1/4	3/8	SA204-12	LLP204	0.53	1.17
7/8 15/16 1	SALLP205-14 205-15 205-16	1-7/16	5-1/8	3-15/16	1-5/32	5/8	7/16	1/2	2-25/32	1.218	0.295	1-1/2	3/8	SA205-14 205-15 205-16	LLP205	0.63	1.39
1-1/8 1-3/16 1-1/4	SALLP206-18 206-19 206-20	1-11/16	6-5/32	4-22/32	1-5/16	13/16	7/16	9/16	3-9/32	1.406	0.354	1-3/4	1/2	SA206-18 206-19 206-20	LLP206	0.76	1.67
1-1/4 1-5/16 1-3/8 1-7/16	SALLP207-20 207-21 207-22 207-23	1-7/8	6-1/2	5	1-3/8	13/16	9/16	5/8	3-23/32	1.531	0.374	2-3/16	1/2	SA207-20 207-21 207-22 207-23	LLP207	1.10	2.42
1-1/2	SALLP208-24	2	7-1/4	5-1/2	1-15/32	7/8	9/16	23/32	4-1/32	1.719	0.433	2-3/8	1/2	SA208-24	LLP208	1.90	4.18

Note: To specify relubricatable units, add ; °G; suffix



2-BOLT FLANGE UNITS

SET SCREW TYPE



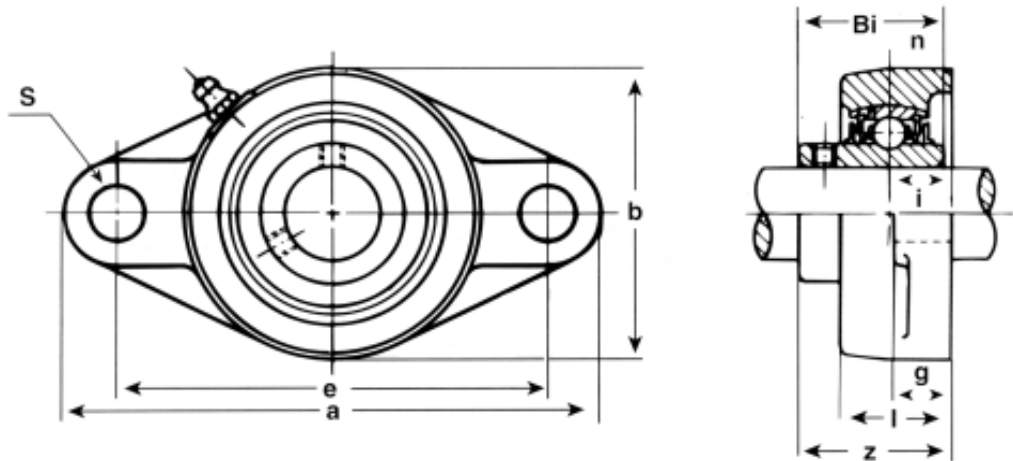
UCFL200-SERIES

Shaft Dia.		REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
m m	in		a	e	i	g	I	s	b	z	H	n				kg	lbs.
12 15 17 20	1/2	UCFL201-8	4-7/16	3-35/64	19/32	7/16	1	15/32	2-3/8	1-5/16	1.2205	0.5000	3/8	UC201-8	FL204	0.50	1.10
	5/8	202-10												UC201-10			
	3/4	204-12												UC201-12			
		UCFL201												UC201			
		202												202			
	203	203															
	204	204															
25	7/8	UCFL205-14	5-1/8	3-57/64	5/8	1/2	1-1/16	5/8	2-11/16	1-15/32	1.3386	0.5630	1/2	UC205-14	FL205	0.70	1.54
	15/16	205-15												UC205-15			
	1	205-16												UC205-16			
		UCFL205												UC205			
30	1-1/16	UCFL206-17	5-13/16	4-39/64	45/64	1/2	1-7/32	5/8	3-5/32	1-19/32	1.5000	0.6260	1/2	UC206-17	FL206	0.98	2.16
	1-1/8	206-18												UC206-18			
	1-3/16	206-19												UC206-19			
	1-1/4	206-20												UC206-20			
		UCFL206												UC206			
35	1-1/4	UCFL207-20	6-11/32	5-1/8	3/4	9/16	1-11/32	5/8	3-17/32	1-3/4	1.6890	0.6890	1/2	UC207-20	FL207	1.35	2.98
	1-5/16	207-21												UC207-21			
	1-3/8	207-22												UC207-22			
	1-7/16	207-23												UC207-23			
		UCFL207												UC207			
40	1-1/2	UCFL208-24	6-7/8	5-43/64	53/64	9/16	1-13/32	5/8	3-15/16	2-1/64	1.9370	0.7480	1/2	UC208-24	FL208	1.69	3.73
	1-9/16	208-5												UC208-5			
		UCFL208												UC208			
45	1-5/8	UCFL209-26	7-13/32	5-53/64	55/64	19/32	1-1/2	3/4	4-1/4	2-/-16	1.9370	0.7480	5/8	UC209-26	FL209	2.04	4.50
	1-11/16	209-27												UC209-27			
	1-3/4	209-28												UC209-28			
		UCFL209												UC209			
50	1-7/8	UCFL210-30	7-3/4	6-3/16	55/64	19/32	1-9/16	3/4	4-17/32	2-5/32	2.0315	0.7480	5/8	UC210-30	FL210	2.30	5.07
	1-15/16	210-31												UC210-31			
		UCFL210												UC210			
55	2	UCFL211-32	8-13/16	7-1/4	63/64	23/32	1-11/16	3/4	5-1/8	2-5/16	2.1890	0.8740	5/8	UC211-32	FL211	3.30	7.28
	2-1/8	211-34												UC211-34			
	2-3/16	211-35												UC211-35			
		UCFL211												UC211			
60	2-1/4	UCFL212-36	9-27/32	7-61/64	1-9/64	23/32	1-7/8	29/32	5-1/2	2-23/32	2.5630	1.0000	3/4	UC212-36	FL212	4.30	9.48
	2-3/8	212-38												UC212-38			
	2-7/16	212-39												UC212-39			
		UCFL212												UC212			
65	2-1/2	213-40	10-5/32	8-17/64	1-3/16	25/32	1-31/32	29/32	6-3/32	2-3/4	2.5630	1.0000	3/4	213-40	FL213	5.40	11.90
		UCFL213												UC213			

2-BOLT FLANGE UNITS



SET SCREW TYPE



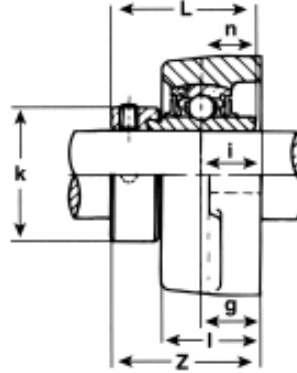
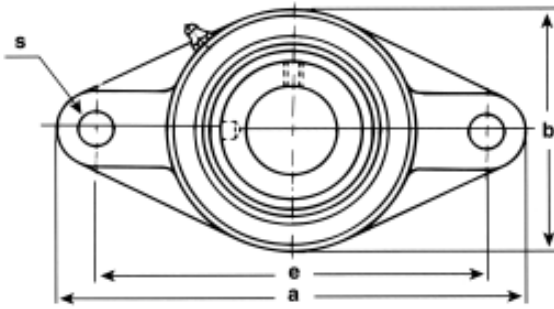
UCFI200-SERIES

Shaft Dia.		REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
m m	in		a	e	i	g	l	s	b	z	H	n				lg	Ibs.
12	1/2	UCFI201-8	4-13/32	3-17/32	3/4	7/16	1-5/32	13/32	2-3/8	1-25/32	1.2205	0.5000	5/16	UC201-8	FT204	0.58	1.28
	5/8	202-10												UC201			
	3/4	204-12												202			
		203												203			
		204												204			
15	7/8	UCFI205-14	4-7/8	3-57/64	25/32	17/32	1-7/32	1/2	2-3/4	1-27/32	1.3386	0.5630	3/8	UC205-14	FT205	0.83	1.83
	15/16	205-15												205-15			
	1	205-16												UC205			
17	1-1/16	UCFI206-17	5-9/16	4-19/32	53/64	17/32	1-11/32	1/2	3-1/4	2	1.5000	0.6260	3/8	UC206-17	FT206	1.05	2.32
	1-1/8	206-18												206-18			
	1-3/16	206-19												206-19			
	1-1/4	206-20												206-20			
		UCFI206												UC206			
20	1-1/4	UCFI207-20	6-1/8	5-1/8	27/32	9/16	1-7/16	35/64	3-3/4	2-1/8	1.6890	0.6890	7/16	UC207-20	FT207	1.57	3.46
	1-5/16	207-21												207-21			
	1-3/8	207-22												207-22			
	1-7/16	207-23												207-23			
		UCFI207												UC207			
25	1-1/2	UCFI208-24	6-3/4	5-21/32	15/16	9/16	1-17/32	35/64	4-1/8	2-5/16	1.9370	0.7480	7/16	UC208-24	FT208	1.97	4.34
	1-9/16	208-25												208-25			
		UCFI208												UC208			
30	1-5/8	UCFI209-26	7-1/16	5-27/32	15/16	9/16	1-9/16	5/8	4-3/8	2-5/16	1.9370	0.7480	1/2	UC209-26	FT209	2.32	5.12
	1-11/16	209-27												209-27			
	1-3/4	209-28												209-28			
		UCFI209												UC209			
35	1-7/8	UCFI210-30	7-7/16	6-3/16	1-1/8	9/16	1-27/32	5/8	4-9/16	2-5/8	2.0315	0.7480	1/2	UC210-30	FT210	2.70	5.95
	1-15/16	210-31												210-31			
		UCFI210												UC210			
40	2	UCFI211-32	8-1/12	7-1/4	1-17/64	13/16	1-31/32	45/64	5-1/4	2-31/32	2.1890	0.8740	9/16	UC211-32	FT211	4.06	8.95
	2-1/8	211-34												211-34			
	2-3/16	211-35												211-35			
		UCFI211												UC211			



2-BOLT FLANGE UNITS

ECCENTRIC LOCKING COLLAR TYPE



HCFJT200-SERIES

Shaft Dia.		REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight		
m	m		a	e	i	g	l	s	b	z	L	n				k	kg	lbs.
	1/2	HCFJT201-8	4-13/32	3-17/2	3/4	7/16	1-5/32	13/32	3/8	1-25/32	1.7126	.6693	1-1/8	5/16	HC201-8	FJT204	0.50	1.10
	5/8	HCFJT202-10											1-1/4		HC202-10		0.45	1
20	3/4	HCFJT204-12	4-13/32	3-17/32	3/4	7/16	1-5/32	13/32	2-3/8	1-25/32	1.7126	0.6693	1-1/4	5/16	HC204-12	FJT204	0.62	1.37
		HCFJT204											HC204					
25	7/8	HCFJT205-14	4-7/8	3-57/64	25/32	17/32	1-7/32	1/2	2-3/4	1-27/32	1.7441	0.6850	1-1/2	3/8	HC205-14	FJT205	0.85	1.87
	15/16	205-15													205-15			
	1	205-16													205-16			
		HCFJT205													HC205			
30	1-1/16	HCFJT206-17	5-9/16	4-19/32	53/64	17/32	1-11/32	1/2	3-1/4	2	1.9016	0.7165	1-3/4	3/8	HC206-17	FJT206	1.10	2.43
	1-1/8	206-18													206-18			
	1-3/16	206-19													206-19			
	1-1/4	206-20													206-20			
		HCFJT206													HC206			
35	1-1/4	HCFJT207-20	6-1/8	5-1/8	27/32	9/16	1-7/16	35/64	3-3/4	2-1/8	2.0118	0.7402	2-3/16	7/16	HC207-20	FJT207	1.65	3.64
	1-5/16	207-21													207-21			
	1-3/8	207-22													207-22			
	1-7/16	207-23													207-23			
		HCFJT207													HC207			
40	1-1/2	HCFJT208-24	6-3/4	5-21/32	15/16	9/16	1-17/32	35/64	4-1/8	2-5/16	2.2165	0.8425	2-3/8	7/16	HC208-24	FJT208	2.10	4.63
	1-9/16	208-25													208-25			
		HCFJT208													HC208			
45	1-5/8	HCFJT209-26	7-1/16	5-27/32	15/16	9/16	1-9/16	5/8	4-3/8	2-5/16	2.2165	0.8425	2-1/2	1/2	HC209-26	FJT209	2.45	5.40
	1-11/16	209-27													209-27			
	1-3/4	209-28													209-28			
		HCFJT209													HC209			
50	1-7/8	HCFJT210-30	7-7/16	6-3/16	1-1/8	9/16	1-27/32	5/8	4-9/16	2-5/8	2.4685	0.9685	2-3/4	1/2	HC210-30	FJT210	2.90	6.39
	1-15/16	210-31													210-31			
		HCFJT210													HC210			
55	2	HCFJT211-32	8-1/2	7-1/4	1-17/64	13/16	1-31/32	45/64	5-1/4	2-31/32	2.8110	1.0906	3	9/16	HC211-32	FJT211	4.35	9.59
	2-1/8	211-34													211-34			
	2-3/16	211-35													211-35			
		HCFJT211	HC211															
60	2-1/4	HCFJT212-36	9-5/16	8	1-3/8	55/64	2-7/64	21/32	5-7/16	3-3/16	3.0662	1.2190	3.312	9/16	HC212-36	FJT212	3.99	8.13
	2-3/8	212-38													212-38			
	2-7/16	212-39													212-39			
		HCFJT212													HC212			

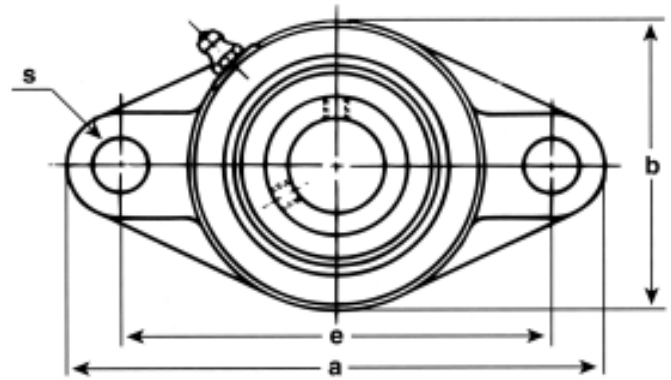
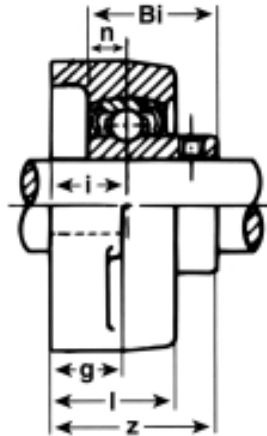
2-BOLT FLANGE UNITS



LIGHT DUTY INSERTS



Seal type



SBFT200-SERIES
SET SCREW TYPE

Shaft Dia. in	FBI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	e	i	g	l	s	b	z	h	n				kg	lbs.
1/2 5/8	SBFT201-8 202-10	3-7/8	3	45/64	7/16	1	25/64	2-11/64	1-21/64	0.866	0.236	5/16	SB201-8G 202-10G	FI203	0.39	0.85
3/4	SBFT204-12	4-13/32	3-17/32	3/4	7/16	1-5/32	13/32	2-3/8	1-7/16	0.984	0.275	5/16	SB204-12G	FI204	0.55	1.21
7/8 15/16 1	SBFT205-14 205-15 205-16	4-7/8	3-57/64	25/32	17/32	1-7/32	1/2	2-3/4	1-35/64	1.062	0.295	3/8	SB205-14G 205-15G 205-16G	FI205	0.80	1.76
1-1/16 1-1/8 1-3/16 1-1/4	SBFT206-17 206-18 206-19 206-20	5-9/16	4-19/32	53/64	17/32	1-11/32	1/2	3-1/4	1-11/16	1.181	0.315	3/8	SB206-17G 206-18G 206-19G 206-20G	FI206	0.98	2.16
1-1/4 1-5/16 1-3/8 1-7/16	SBFT207-20 207-21 207-22 207-23	6-1/8	5-1/8	27/32	9/16	1-7/16	35/64	3-3/4	1-25/32	1.259	0.335	7/16	SB207-20G 207-21G 207-22G 207-23G	FI207	1.48	3.26
1-1/2	SBFT208-24	6-3/4	5-21/32	15/16	9/16	1-17/32	35/64	4-1/8	1-59/64	1.338	0.354	7/16	SB208-24G	FI208	1.89	4.17
1-5/8 1-11/16 1-3/4	SBFT209-26 209-27 209-28	7-1/16	5-27/32	15/16	9/16	1-9/16	5/8	4-3/8	2-3/64	1-5/8	0.402	1/2	SB209-26G 209-27G 209-28G	FI209	1.86	4.10
1-7/8 1-15/16	SBFT210-30 210-31	7-7/16	6-3/16	1-3/8	9/16	1-27/32	5/8	4-9/16	2-5/32	1-23/32	0.430	1/2	SB210-30G 210-31G	FI210	2.00	4.4
2 2-1/8 2-3/16	SBFT211-32 211-34 211-35	8-1/2	7-1/4	1-17/64	13/16	1-31/32	45/64	5-1/4	2-5/16	1-25/37	0.466	9/16	SB211-32G 211-34G 211-35G	FI211	3.27	7.2
2-1/4 2-3/8 2-7/16	SBFT212-36 212-38 212-39	9-5/16	7-15/16	1-23/64	13/16	2-3/32	23/32	5-17/32	2-11/16	2-1/8	0.586	9/16	SB212-36G 212-38G 212-39G	FI212	4.04	8.9

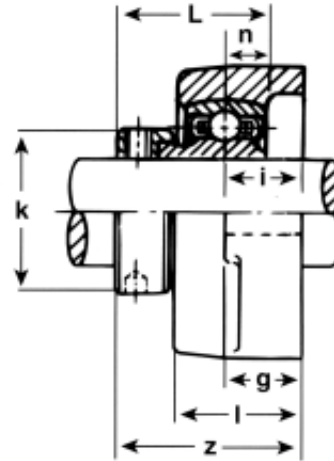
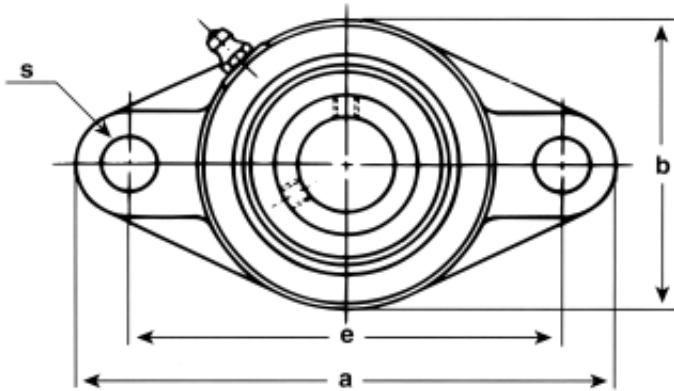


2-BOLT FLANGE UNITS

LIGHT DUTY INSERTS



Seal type



ECCENTRIC LOCKING COLLAR TYPE

Sraft Dia. in	FBI Unit No.	Dimensions (in.)											Bolt Used in	Bearing NO.	Housing Nb.	Weight	
		a	e	i	g	l	s	b	z	L	n	k				kg	lbs.
1/2 5/8	SAFT201-8 202-10	3-7/8	3	45/64	7/16	1	25/64	2-11/64	2-37/64	1.125	0.256	1-125	5/16	SA201-8 202-10	FT203	0.39	0.85
3/4	SAFT204-12	4-13/16	3-17/32	3/4	7/16	1-5/32	13/32	2-3/8	1-21/8	1.218	0.295	1-1/4	5/16	SA204-12	FT204	0.57	1.26
7/8 15/16 1	205-14 205-15 205-16	4-7/8	3-57/64	25/32	17/32	1-7/32	1/2	2-3/4	1-45/64	1.218	0.295	1-1/2	3/8	205-14 205-15 205-16	FT205	0.82	1.81
1-1/16 1-1/8 1-3/16 1-1/4	SAFT206-17 206-18 206-19 206-20	5-9/16	4-19/32	53/64	17/32	1-11/32	1/2	3-1/4	1-7/8	1.406	0.354	1-3/4	3/8	SA206-17 206-18 206-19 206-20	FT206	1.04	1.81
1-1/4 1-5/16 1-3/8 1-7/16	SAFT207-20 207-21 207-22 207-23	6-1/8	5-1/8	27/32	9/16	17/16	35-64	3-3/4	2-1/64	1.531	0.374	2-3/16	7/16	SA207-20 207-21 207-22 207-23	FT207	1.59	3.51
1-1/2	SAFT208-24	6-3/4	5-21/32	15/16	9/16	1-17/16	35/64	4-1/8	2-7/32	1.719	0.433	2-3/8	7/16	SA208-24	FT208	1.97	4.34
1-5/8 1-11/16 1-3/4	SAFT209-26 209-27 209-28	7-1/16	5-27/32	15/16	9/16	1-9/16	5/8	4-3/8	2-5/16	1-23/32	0.433	2-3/4	1/2	SA209-26 209-27 209-28	FT209	2.09	4.61
1-7/8 1-15/16	SAFT210-30 210-31	7-7/16	6-3/16	1-1/8	9/16	1-27/32	5/8	4-9/16	2-5/8	1.23/32	0.433	2-3/4	1/2	SA210-30 210-31	FT210	2.01	4.43
2 2-1/8 2-3/16	SAFT211-32 211-34 211-35	8-1/2	7-1/4	1-17/64	13/16	1-31/32	45/64	5-1/4	2-31/32	1.39/30	0.472	3	9/16	SA211-32 211-34 211-35	FT211	3.08	6.79
2-1/4 2-3/8 2-7/16	SAFT212-36 212-38 212-39	9-5/16	7-15/16	1-23/64	13/16	2-3/32	23/32	5-17/36	3-1/4	1-15/16	0.472	3-5/16	9/16	SA212-36 212-38 212-39	FT212	3.90	8.60

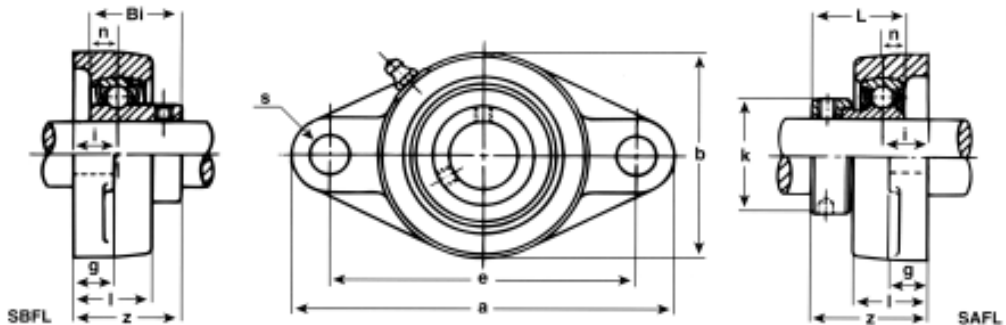
2-BOLT FLANGE UNITS



LIGHT DUTY INSERTS



Seal type



SBFL200-SERIES

SET SCREW TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	e	i	g	l	s	b	z	BI	n				kg	lbs.
1/2 5/8	SBFL201-8 202-10	3-7/8	3	19/32	7/16	1	25/32	2-7/32	1-17/32	0.866	0.236	5/16	SB201-8 202-10	FL203	0.39	0.85
3/4	SBFL204-12	4-7/16	3-35/64	19/32	7/16	1	15/32	2-3/8	1-5/16	0.984	0.275	3/8	SB204-12	FL204	0.47	1.04
7/8 15/16 1	SBFL205-14 205-15 205-16	5-1/8	3-57/64	5/8	1/2	1-1/16	5/8	2-11/16	1-15/32	1.062	0.295	1/2	SB205-14 205-15 205-16	FL205	0.67	1.48
1-1/16 1-1/8 1-3/16 1-1/4	SBFL206-17 206-18 206-19 206-20	5-13/16	4-39/64	45/64	1/2	1-7/32	5/8	3-5/32	1-19/32	1.181	0.315	1/2	SB206-17 206-18 206-19 206-20	FL206	0.91	2.01
1-1/4 1-5/16 1-3/8 1-7/16	SBFL207-20 207-21 207-22 207-23	6-11/32	5-1/8	3/4	9/16	1-11/32	5/8	3-17/32	1-3/4	1.259	0.335	1/2	SB207-20 207-21 207-22 207-23	FL207	1.26	2.78
1-1/2	SBFL208-24	6-7/8	5-43/64	53/64	9/16	1-13/32	5/8	3-15/16	2-1/64	1.338	0.354	1/2	SB208-24	FL208	1.61	3.55

SAFL200-SERIES

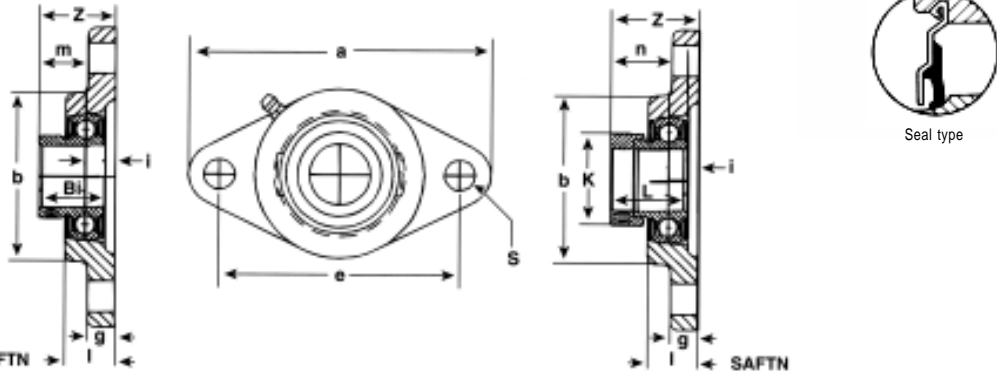
ECCENTRIC LOCKING COLLAR TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)											Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	e	i	g	l	s	b	z	L	n	k				kg	lbs.
1/2 5/8	SAFL201-8 202-10	3-7/8	3	19/32	7/16	1	25/32	2-7/32	1-15/32	1.125	0.256	1.125	5/16	SA201-8 202-10	FL203	0.41	0.90
3/4	SAFL204-12	4-7/16	3-35-64	19/32	7/16	1	15/32	2-3/8	1-5/16	1.218	0.295	1-1/4	3/8	SA204-12	FL204	0.49	1.08
7/8 15/16 1	SAFL205-14 205-15 205-16	5-1/8	3-57/64	5/8	1/2	1-1/16	5/8	2-11/16	1-15/32	1.218	0.295	1-1/2	1/2	205-14 205-15 205-16	FL205	0.69	1.52
1-1/16 1-1/8 1-3/16 1-1/4	SAFL206-17 206-18 206-19 206-20	5-13/16	4-39/16	45/64	1/2	1-7/32	5/8	3-5/32	1-19/32	1.406	0.354	1-3/4	1/2	SA206-17 206-18 206-19 206-20	FL206	0.97	2.14
1-1/4 1-5/16 1-3/8 1-7/16	SAFL207-20 207-21 207-22 207-23	6-11/16	5-1/8	5/8	9/16	1-11/32	5/8	3-17/32	1-3/4	1.531	0.374	2-3/16	1/2	SA207-20 207-21 207-22 207-23	FL207	1.37	3.02
1-1/2	SAFL208-24	6-7/8	5-43/64	53/64	9/16	1-13/32	5/8	3-15/16	2-1/64	1.719	0.433	2-3/8	1/2	SA208-24G	FL208	1.69	3.73



2-BOLT FLANGE UNITS

NARROW SERIES



SBFL200-SERIES
SAFL200-SERIES

SBFTN200-SERIES
SET SCREW TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.
		a	e	i	g	l	s	b	z	H	m			
1/2 5/8	SBFTN201-8 202-10	3-7/8	3	0.448	3/8	23/32	7/16	2-1/8	1.078	0.866	0.630	3/8	SB201-8 202-10	FIN203
3/4	SBFTN204-12	4-13/32	3-17/32	0.495	7/16	13/16	7/16	2-1/2	1.203	0.984	0.708	3/8	SB204-12	FIN204
7/8 15/16 1	SBFTN205-14 205-15 205-16	4-7/8	3-57/64	0.483	7/16	13/16	33/64	2-3/4	1.250	1.062	0.767	7/16	SB205-14 205-15 205-16	FIN205
1-1/16 1-1/8 1-3/16 1-1/4	SBFTN206-17 206-18 206-19 206-20	5-9/16	4-19/32	0.478	17/32	61/64	33/64	3-1/8	1.344	1.181	0.866	7/16	SB206-17 206-18 206-19 206-20	FIN206
1-1/4 1-5/16 1-3/8 1-7/16	SBFTN207-20 207-21 207-22 207-23	6-1/8	5-1/8	0.575	19/32	1-3/64	35/64	3-5/8	1.500	1.259	0.925	1/2	SB207-20 207-21 207-22 207-23	FIN207
1-1/2 1-9/16	SBFTN208-24 208-25	6-3/4	5-21/32	0.610	5/8	1-1/8	35/64	4-1/8	1.594	1.338	0.984	1/2	SB208-24 208-25	FIN208
1-5/8 1-11/16 1-3/4	SBFTN209-26 209-27 209-28	7-1/16	5-27/32	0.544	5/8	1-1/8	5/8	4-3/8	1.610	1.439	1.066	9/16	SB209-26 209-27 209-28	FIN209

SAFTN200-SERIES
ECCENTRIC LOCKING COLLAR TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)											Bolt Used in	Bearing NO.	Housing No.
		a	e	i	g	l	s	b	z	H	m	k			
1/2 5/8	SAFTN201-8 202-10	3-7/8	3	0.448	3/8	23/32	7/16	2-1/8	1.317	1.125	0.256	1-1/8	3/8	SA201-8 202-10	FIN203
3/4	SAFTN204-12	4-13/32	3-17/32	0.495	7/16	13/16	7/16	2-1/2	1.418	1.218	0.295	1-1/4	3/8	SA204-12	FIN204
7/8 15/16 1	SAFTN205-14 205-15 205-16	4-7/8	3-57/64	0.483	7/16	13/16	33/64	2-3/4	1.406	1.218	0.295	1-1/2	7/16	SA205-14 205-15 205-16	FIN205
1-1/16 1-1/8 1-3/16 1-1/4	SAFTN206-17 206-18 206-19 206-20	5-9/16	4-19/32	0.478	17/32	61/64	33/64	3-1/8	1.530	1.406	0.354	1-3/4	7/16	SA206-17 206-18 206-19 206-20	FIN206
1-1/4 1-5/16 1-3/8 1-7/16	SAFTN207-20 207-21 207-22 207-23	6-1/8	5-1/8	0.575	19/32	1-3/64	35/64	3-5/8	1.732	1.531	0.374	2-3/16	1/2	SA207-20 207-21 207-22 207-23	FIN207
1-1/2 1-9/16	SAFTN208-24 208-25	6-3/4	5-21/32	0.610	5/8	1-1/8	35/64	4-1/8	1.896	1.719	0.433	2-3/8	1/2	SA208-24 208-25	FIN208
1-5/8 1-11/16 1-3/4	SAFTN209-26 209-27 209-28	7-1/16	5-27/32	0.544	5/8	1-1/8	5/8	4-3/8	1.829	1.719	0.433	2-1/2	9/16	SA209-26 209-27 209-28	FIN209

2-BOLT FLANGE UNITS

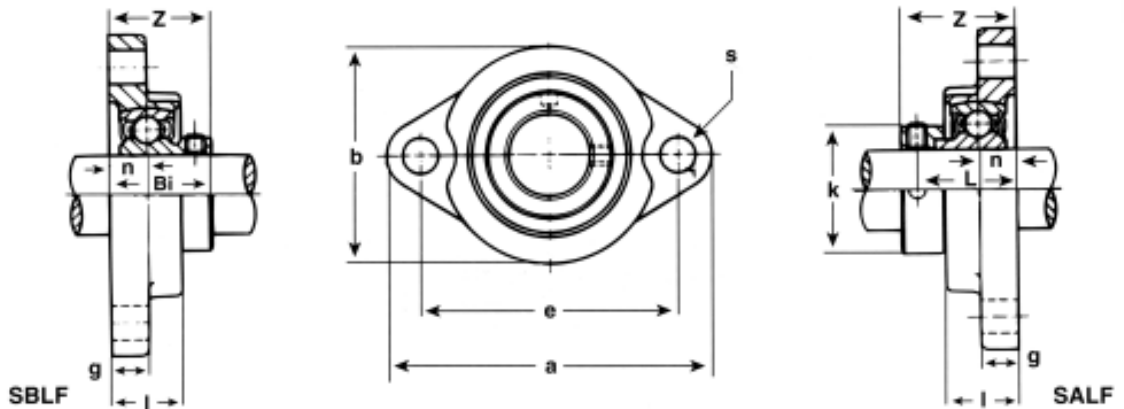


LIGHT DUTY CAST IRON HOUSINGS



Seal type

SBLF200-SERIES
SALF200-SERIES



SBLF200-SERIES

SET SCREW TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)									Boit Used in	Bearing NO.	Housing No.	Weight	
		a	e	g	l	s	b	z	h	n				kg	lbs.
1/2 5/8	SBIF201-8 202-10	3-3/16	2-1/2	3/8	23/32	5/16	2-7/32	1	0.866	0.236	1/4	SBF201-8 202-10	LF203	0.27	0.60
3/4	SBIF204-12	3-17/32	2-13/16	7/16	25/32	25/64	2-13/32	1-5/32	0.984	0.275	5/16	SB204-12	LF204	0.30	0.66
7/8 15/16 1	SBIF205-14 205-15 205-16	3-3/4	2-63/64	7/16	25/32	25/64	2-17/32	1-3/16	1.062	0.295	5/16	SB205-14 205-15 205-16	LF205	0.39	0.86
1-1/16 1-1/8 1-3/16 1-1/4	SBIF206-17 206-18 206-19 206-20	4-7/16	3-9/16	15/32	7/8	15/32	3	1-11/32	1.181	0.315	3/8	SB206-17 206-18 206-19 206-20	LF206	0.56	1.23
1-1/4 1-5/16 1-3/8 1-7/16	SBLF207-20 207-21 207-22 207-23	4-13/16	3-15/16	33/64	15/16	15/32	3-1/2	1-7/16	1.259	0.335	3/8	SB207-20 207-21 207-22 207-23	LF207	0.77	1.70

SALF200-SERIES

ECCENTRIC LOCKING COLLAR TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)										Boit Used in	Bearing NO.	Housing No.	Weight	
		a	e	g	l	s	b	z	L	n	K				kg	lbs.
1/2 5/8	SALF201-8 202-10	3-3/16	2-1/2	3/8	23/32	5/16	2-7/32	1-1/4	1.125	0.256	1-1/8	1/4	SA201-8 202-10	LF203	0.30	0.66
3/4	SALF204-12	3-17/32	2-13/16	7/16	25/32	25/64	2-13/32	1-3/8	1.128	0.295	1-1/4	5/16	SA204-12	LF204	0.34	0.75
7/8 15/16 1	SALF205-14 205-15 205-16	3-3/4	2-63/64	7/16	25/32	25/64	2-17/32	1-3/8	1.128	0.295	1-1/2	5/16	SA205-14 205-15 205-16	LF205	0.44	0.97
1-1/16 1-1/8 1-3/16 1-1/4	SALF206-17 206-18 206-19 206-20	4-7/16	3-9/16	15/32	7/8	15/32	3	1-17/32	1.406	0.354	1-3/4	3/8	SA206-17 206-18 206-19 206-20	LF206	0.64	1.41
1-1/4 1-5/16 1-3/8 1-7/16	SALF207-20 207-21 207-22 207-23	4-13/16	3-15/16	33/64	15/16	15/32	3-1/2	1-11/16	1.531	0.374	2-3/16	3/8	SA207-20 207-21 207-22 207-23	LF207	0.92	2.03

Note: To specify relubricatable units, add 'R' suffix.

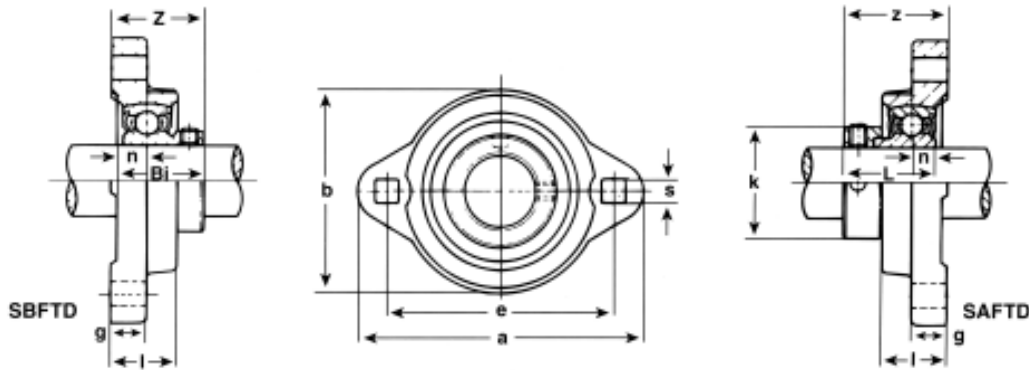


2-BOLT FLANGE UNITS

LIGHT DUTY DUCTILE IRON HOUSINGS



Seal type



SBFTD200-SERIES

SET SCREW TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)									Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	e	g	l	s	b	z	H	n				kg	lbs.
1/2 5/8	SBFTD201-8 202-10	3-1/4	2-9/16	27/32	23/64	9/32	2-9/32	1-17/64	0.866	0.236	1/4	SB201-8 202-10	PFID203	0.23	0.51
3/4	SBFTD204-12	3-11/16	2-13/16	7/16	49/64	11/32	2-39/64	1-13/64	0.984	0.275	5/16	SB204-12	PFID204	0.27	0.60
7/8 15/16 1	SBFTD205-14 205-15 205-16	3-7/8	3	7/16	51/64	11/32	2-23/32	1-17/64	1.062	0.295	5/16	SB205-14 205-15 205-16	PFID205	0.38	0.84
1-1/16 1-1/8 1-3/16 1-1/4	SBFTD206-17 206-18 206-19 206-20	4-9/16	3-17/32	1/2	55/64	13/32	3-13/64	1-13/32	1.181	0.315	3/8	SB206-17 206-18 206-19 206-20	PFID206	0.54	1.19
1-1/4 1-5/16 1-3/8 1-7/16	SBFTD207-20 207-21 207-22 207-23	4-13/16	3-15/16	1/2	15/16	13/32	3-13/64	1-17/32	1.181	0.315	3/8	SB207-20 207-21 207-22 207-23	PFID207	0.71	1.57

SAFTD200-SERIES

ECCENTRIC LOCKING COLLAR TYPE

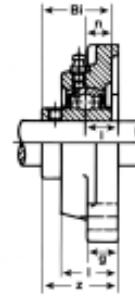
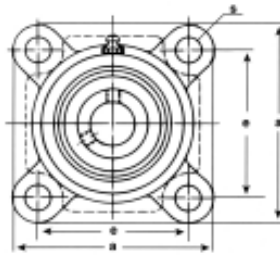
Shaft Dia. in	REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	e	g	l	s	b	z	L	n	K				kg	lbs.
1/2 5/8	SAFTD201-8 202-10	3-3/16	2-9/16	27/64	23/32	9/32	2-9/32	1-21/64	1.125	0.256	1-1/8	1/4	SA201-8 202-10	PFID203	0.26	0.57
3/4	SAFTD204-12	3-11/16	2-13/16	7/16	49/64	11/32	2-39/64	1-7/16	1.218	0.295	1-1/4	5/16	SA204-12	PFID204	0.29	0.64
7/8 15/16 1	SAFTD205-14 205-15 205-16	3-7/8	3	7/16	51/64	11/32	2-23/32	1-27/64	1.218	0.295	1-1/2	5/16	SA205-14 205-15 205-16	PFID205	0.40	0.88
1-1/16 1-1/8 1-3/16 1-1/4	SAFTD206-17 206-18 206-19 206-20	4-9/16	3-17/32	1/2	55/64	13/32	3-13/64	1-41/64	1.406	0.354	1-3/4	3/8	SA206-17 206-18 206-19 206-20	PFID206	0.60	1.32
1-1/4 1-5/16 1-3/8 1-7/16	SAFTD207-20 207-21 207-22 207-23	4-13/16	3-15/16	1/2	15/16	13/32	3-33/64	1-51/64	1.531	0.374	2-3/16	3/8	SA207-20 207-21 207-22 207-23	PFID207	0.84	1.85

Note: To specify relubricatable units, add "G" suffix.

4-BOLT FLANGE UNITS



SET SCREW TYPE



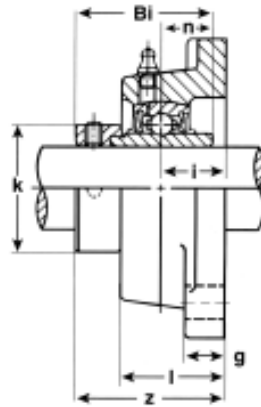
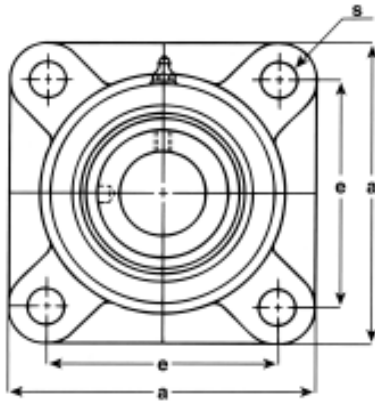
UCF200-SERIES

Shaft Dia.		REI Unit No.	Dimensions (in.)										Boit Used in	Bearing NO.	Housing No.	Weight	
m	mm		a	e	i	g	l	s	z	H	n	kg				lbs.	
12	1/2	UCF201-8	3-3/8	2-33/64	19/32	15/32	1	15/32	1-5/16	1.2205	0.5000	3/8	UC201-8	F204	0.65	1.43	
	5/8	202-10											UC201				
	3/4	204-12											202				
		203											204				
15	7/8	UCF205-14	3-3/4	2-3/4	5/8	9/16	1-1/16	15/32	1-13/32	1.3386	0.5630	3/8	UC205-14	F205	0.85	1.87	
	15/16	205-15											UC205				
	1	205-16											UC205				
		UC205											UC205				
17	1-1/16	UCF206-17	4-1/4	3-17/64	45/64	9/16	1-7/32	15/32	1-19/32	1.5000	0.6260	3/8	UC206-17	F206	1.15	2.54	
	1-1/8	206-18											UC206				
	1-3/16	206-19											UC206				
	1-1/4	206-20											UC206				
20	1-1/4	UCF207-20	4-19/32	3-5/8	3/4	5/8	1-11/32	35/64	1-3/4	1.6890	0.6890	7/16	UC207-20	F207	1.60	3.53	
	1-5/16	207-21											UC207				
	1-3/8	207-22											UC207				
	1-7/16	207-23											UC207				
25	1-1/2	UCF208-24	5-1/8	4-1/64	53/64	5/8	1-13/32	5/8	2-1/64	1.9370	0.7480	1/2	UC208-24	F208	2.05	4.52	
	1-9/16	208-25											UC208				
		UCF208											UC208				
		UC208											UC208				
30	1-5/8	UCF209-26	5-13/32	4-9/64	55/64	23/32	1-1/2	5/8	2-1/16	1.9370	0.7480	1/2	UC209-26	F209	2.38	5.25	
	1-11/16	209-27											UC209				
	1-3/4	209-28											UC209				
		UCF209											UC209				
35	1-7/8	UCF210-30	5-5/8	4-3/8	55/64	23/32	1-9/16	5/8	2-5/32	2.0315	0.7480	1/2	UC210-30	F210	2.50	5.51	
	1-15/16	210-31											UC210				
		UCF210											UC210				
		UC210											UC210				
40	2	UCF211-32	6-3/8	5-1/8	63/64	25/32	1-11/16	3/4	2-5/16	2.1890	0.8740	5/8	UC211-32	F211	3.60	7.94	
	2-1/8	211-34											UC211				
	2-3/16	211-35											UC211				
		UCF211											UC211				
45	2-1/4	UCF212-36	6-7/8	5-5/8	1-9/16	25/32	1-7/8	3/4	2-23/32	2.5630	1.0000	5/8	UC212-36	F212	4.90	10.8	
	2-3/8	212-38											UC212				
	2-7/16	212-39											UC212				
		UCF212											UC212				
50	2-1/2	UCF213-40	7-3/8	5-55/64	1-3/16	25/32	1-31/32	3/4	2-3/4	2.5630	100000	5/8	UC213-40	F213	5.90	13.0	
		UCF213											UC213				
55	2-3/4	UCF214-44	7-19/32	5-63/64	1-7/32	15/64	2-1/8	3/4	2-31/32	2.9370	1.1890	5/8	UC214-44	F214	6.30	13.9	
		UCF214											UC214				
60	2-15/16	UCF215-47	7-7/8	6-17/64	1-11/32	15/16	2-7/32	3/4	3-3/32	3.0630	1.3110	5/8	UC215-47	F215	6.80	15.0	
	3	215-48											UC215				
75		UCF215											UC215				



4-BOLT FLANGE UNITS

SET SCREW TYPE



Seal type

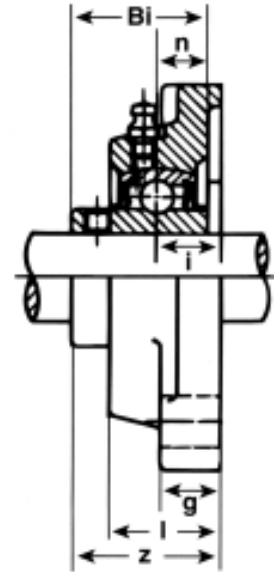
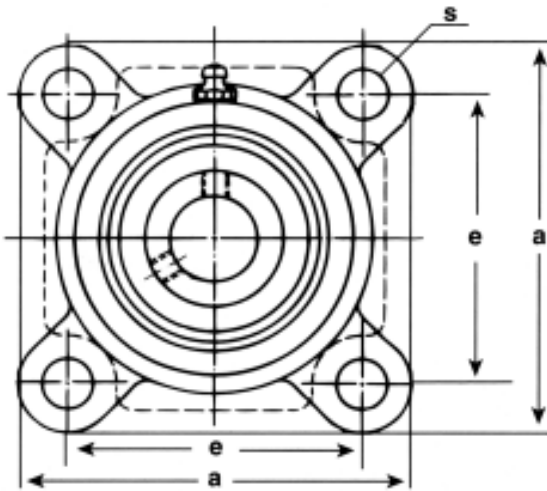
UCFS200-SERIES

Shaft Dia.		REI Unit No.	Dimensions (in.)									Bolt Used in	Bearing NO.	Housing No.	Weight	
mm	in		a	e	i	g	l	s	z	h	n				kg	lbs.
12 15 17 20	1/2	UCFS201-8	3-3/8	2-1/2	0.811	3/8	1-5/16	7/16	1-55/64	1.2205	0.500	3/8	UC201-8	FS204	0.76	1.68
	5/8	202-10											UC201-10			
	3/4	204-12											UC201-12			
		UCFS201-202											UC201-202			
		UCFS201-203														
		UCFS204														
25	7/8	UCFS205-14	3-3/4	2-3/4	0.827	7/16	1-3/8	29/64	1-57/64	1.3386	0.563	3/8	UC205-14	FS205	1.03	2.77
	15/16	205-15											UC205-15			
	1	205-16											UC205-16			
		UCFS205											UC205			
30	1-1/16	UCFS206-17	4-1/4	3-1/4	0.890	1/2	1-15/32	33/64	2-5/64	1.5000	0.626	7/16	UC206-17	FS206	1.40	3.09
	1-1/8	206-18											UC206-18			
	1-3/16	206-19											UC206-19			
	1-1/4	206-20											UC206-20			
		UCFS206														
35	1-1/4	UCFS207-20	4-5/8	3-5/8	0.874	1/2	1-1/2	33/64	2-5/32	1.6890	0.689	7/16	UC207-20	FS207	1.82	4.01
	1-5/16	207-21											UC207-21			
	1-3/8	207-22											UC207-22			
	1-7/16	207-23											UC207-23			
		UCFS207														
40	1-1/2	UCFS208-24	5-1/8	4	0.969	5/8	1-5/8	35/64	2-11/32	1.9370	0.748	1/2	UC208-24	FS208	2.17	4.78
	1-9/16	208-25											UC208-25			
		UCFS208											UC208			
45	1-5/8	UCFS209-26	5-3/8	4-1/8	0.969	5/8	1-21/32	5/8	2-11/32	1.9370	0.748	9/16	UC209-26	FS209	2.56	5.64
	1-11/16	209-27											UC209-27			
	1-3/4	209-28											UC209-28			
		UCFS209											UC209			
50	1-7/8	UCFS210-30	5-5/8	4-3/8	1.094	5/8	1-13/16	5/8	2-19/32	2.0315	0.748	9/16	UC210-30	FS210	3.00	6.61
	1-15/16	210-31											UC210-31			
		UCFS210											UC210			
55	2	UCF211-32	6-3/8	5-1/8	1.220	11/16	1-31/32	43/64	2-15/16	2.1890	0.874	5/8	UC211-32	FS211	3.91	8.62
	2-1/8	211-34											UC211-34			
	2-3/16	211-35											UC211-35			
		UCFS211											UC211			
60	2-1/4	UCFS212-36	6-7/8	5-5/8	1.343	11/16	2-5/32	43/64	3-3/16	2.5630	1.000	5/8	UC212-36	FS212	4.95	10.9
	2-3/8	212-38											UC212-38			
	2-7/16	212-39											UC212-39			
		UCFS212											UC212			

4-BOLT FLANGE UNITS



SET SCREW TYPE-MEDIUM DUTY SERIES

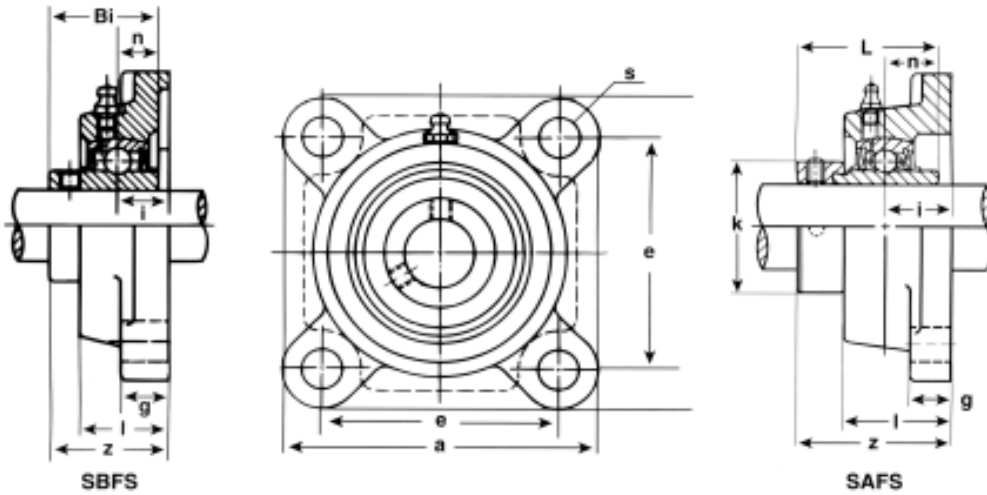


UCFX00-SERIES

Shaft Dia. in	REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	e	g	i	s	b	z	H	n	kg				lbs.	
7/8 15/16 1	UCFX05-14 X05-15 X05-16	4-1/4	3-17/64	45/64	1/2	1-3/16	15/32	1-19/32	1.5000	0.6259	3/8	UCX05-14 X05-15 X05-16	FX05	1.28	2.82	
1-1/8 1-3/16 1-1/4	UCFX06-18 X06-19 X06-20	4-19/32	3-5/8	3/4	9/16	1-11/32	5/8	1-3/4	1.6890	0.6890	1/2	UCX06-18 X06-19 X06-20	FX06	1.65	3.64	
1-1/4 1-5/16 1-3/8 1-7/16	UCFX07-20 X07-21 X07-22 X07-23	5-1/8	4-1/64	53/64	9/16	1-1/2	5/8	2-1/32	1.9370	0.7480	1/2	UCX07-20 X07-21 X07-22 X07-23	FX07	2.12	4.67	
1-1/2 1-9/16	UCFX08-24 X08-25	5-13/32	4-9/64	55/64	9/16	1-9/16	3/4	2-1/6	1.9370	0.7480	5/8	UCX08-24 X08-25	FX08	2.15	4.74	
1-5/8 1-11/16 1-3/4	UCFX09-26 X09-27 X09-28	5-5/8	4-3/8	29/32	9/16	1-9/16	3/4	2-3/16	2.0135	0.7480	5/8	UCX09-26 X09-27 X09-28	FX09	2.59	5.71	
1-7/8 1-15/16 2	UCFX10-30 X10-31 X10-32	6-3/8	5-1/8	1-1/32	25/32	1-23/32	3/4	2-11/32	2.1890	0.8740	5/8	UCX10-30 X10-31 10-32	FX10	3.85	8.49	
2-1/8 2-3/16 2-1/4	UCFX11-34 X11-35 X11-36	6-7/8	5-5/8	1-9/64	25/32	1-15/16	3/4	2-23/32	2.5630	1.0000	5/8	UCX11-34 X11-35 X11-36	FX11	5.21	11.5	
2-3/8 2-7/16	UCFX12-38 X12-39	7-3/8	5-55/64	1-11/32	13/16	2-5/16	3/4	2-29/32	2.5630	1.0000	5/8	UCX12-38 X12-39	FX12	5.65	12.5	
2-1/2 2-3/4	UCFX13-40 X13-41	7-3/8	5-55/64	1-11/32	13/16	2-5/16	3/4	3-3/32	2.9370	1.1890	5/8	UCX13-40 X13-41	FX13	6.00	13.2	
2-3/4	UCFX14-44	7-3/4	5-63/64	1-29/64	7/8	2-3/8	29/32	3-7/32	3.0630	1.3110	3/4	UCX14-44	FX14	7.40	16.3	
2-15/16 3	UCFX15-47 X15-48	7-3/4	5-63/64	1-37/64	5/16	2-11/16	29/32	3-17/32	3.2520	1.3110	3/4	UCX15-47 X15-48	FX15	8.35	18.4	



4-BOLT FLANGE UNITS



SBFS200-SERIES

SET SCREW TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)									Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	e	i	g	l	s	z	h	n				kg	lbs.
3/4	SBFS204-12	3-3/8	2-1/2	0.811	3/8	1-5/16	7/16	1-33/64	0.984	0.275	3/8	SB204-12	FS204	0.73	1.61
7/8	205-14	3-3/4	2-3/4	0.827	7/16	1-3/8	29/64	1-19/32	1.062	0.295	3/8	205-14	FS205	1.00	2.21
15/16	205-15														
1	205-16														
1-1/16	SBFS206-17	4-1/4	3-1/4	0.890	1/2	1-15/32	33/64	1-49/64	1.181	0.315	7/16	SB206-17	FS206	1.33	2.93
1-1/8	206-18														
1-3/16	206-19														
1-1/4	206-20														
1-1/4	SBFS207-20	4-5/8	3-5/8	0.874	1/2	1-1/2	33/64	1-13/16	1.259	0.335	7/16	SB207-20	FS207	1.73	3.81
1-5/16	207-21														
1-3/8	207-22														
1-7/16	207-23														
1-1/2	SBFS208-24	5-1/8	4	0.969	5/8	1-5/8	35/64	1-61/64	1.338	0.354	1/2	SB208-24	FS208	2.09	4.61

SAFS200-SERIES

ECCENTRIC LOCKING COLLAR TYPE

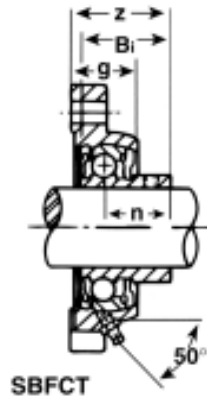
Shaft Dia. in	REI Unit No.	Dimensions (in.)									Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	e	i	g	s	z	L	n	k				kg	lbs.
3/4	SAFS204-12	3-3/8	2-1/2	0.811	3/8	7/16	1-47/64	1.218	0.295	1-1/4	3/8	SA204-12	FS204	0.75	1.65
7/8	205-14	3-3/4	2-3/4	0.827	7/16	29/64	1-3/4	1.218	0.295	1-1/2	3/8	205-14	FS205	1.02	2.25
15/16	205-15														
1	205-16														
1-1/16	SAFS206-17	4-1/4	3-1/4	0.890	1/2	33/64	1-61/64	1.406	0.354	1-3/4	7/16	SA206-17	FS206	1.39	3.06
1-1/8	206-18														
1-3/16	206-19														
1-1/4	206-20														
1-1/4	SAFS207-20	4-5/8	3-5/8	0.874	1/2	33/64	2-3/64	1.531	0.374	2-3/16	7/16	SA207-20	FS207	1.84	4.06
1-5/16	207-21														
1-3/8	207-22														
1-7/16	207-23														
1-1/2	SAFS208-24	5-1/8	4	0.969	5/8	35/64	2-1/4	1.719	0.433	2-3/8	1/2	SA208-24	FS208	2.17	4.78

3-BOLT DUCTILE IRON FLANGE UNITS

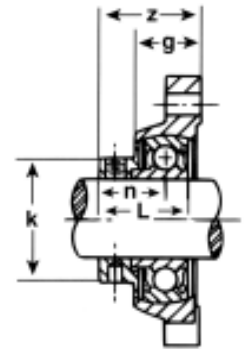
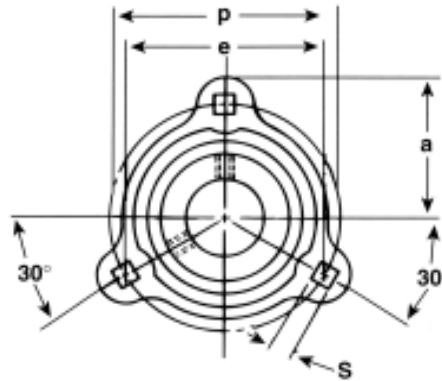


Seal type

SBFCT200-SERIES
SAFCT200-SERIES



SBFCT



SAFCT

SBFCT200-SERIES
SET SCREW TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)								Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	p	e	g	z	s	fl	n				kg	Ibs.
1/2	SBFCT201-8	1-19/32	2-1/2	2.165	11/16	1-1/64	9/32	0.8661	0.236	1/4	SB201-8	FCT203	0.21	0.46
5/8	202-10										202-10			
3/4	SBFCT204-12	1-25/32	2-13/16	2.436	25/32	1-9/64	11/32	0.9843	0.275	5/16	SB204-12	FCT204	0.22	0.71
7/8	SBFCT205-14	1-7/8	3	2.598	25/32	1-11/64	11/32	1.0630	0.295	5/16	SB205-14	FCT205	0.37	0.82
15/16	205-15										205-15			
1	205-16										205-16			
1-1/16	SBFCT206-17	2-7/32	3-9/16	3.085	7/8	1-11/32	13/32	1.8111	0.315	3/8	SB206-17	FCT206	0.33	0.73
1-1/8	206-18										206-18			
1-3/16	206-19										206-19			
1-1/4	206-20										206-20			
1-1/4	SBFCT207-20	2-13/32	3-15/16	3.410	15/16	1-7/16	13/32	1.2598	0.335	3/8	SB207-20	FCT207	0.71	1.57
1-5/16	207-21										207-21			
1-3/8	207-22										207-22			
1-7/16	207-23										207-23			

SAFCT200-SERIES

ECCENTRIC LOCKING COLLAR TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)									Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	p	e	g	z	s	L	n	K				kg	Ibs.
1/2	SAFCT201-8	1-19/32	2-1/2	2.165	11/16	1-1/4	9/32	1.125	0.256	1-1/8	1/4	SA201-8	FCT203	.26	.57
5/8	202-10											202-10			
3/4	SAFCT204-12	1-25/32	2-13/16	2.436	25/32	1-11/32	11/32	1.218	0.295	1-1/4	5/16	SA204-12	FCT204	.34	.75
7/8	SAFCT205-14	1-7/8	3	2.598	25/32	1-11/2	11/32	1.218	0.295	1-1/2	5/16	SA205-14	FCT205	.39	.86
15/16	205-15											205-15			
1	205-16											205-16			
1-1/16	SAFCT206-17	2-7/32	3-9/16	3.085	7/8	1-17/32	13/32	1.406	0.354	1-3/4	3/8	SA206-17	FCT206	.61	1.35
1-1/8	206-18											206-18			
1-3/16	206-19											206-19			
1-1/4	206-20											206-20			
1-1/4	SAFCT207-20	2-13/32	3-15/16	3.410	15/16	1-21/32	13/32	1.531	0.374	2-3/16	3/8	SA207-20	FCT207	.82	1.81
1-5/16	207-21											207-21			
1-3/8	207-22											207-22			
1-7/16	207-23											207-23			

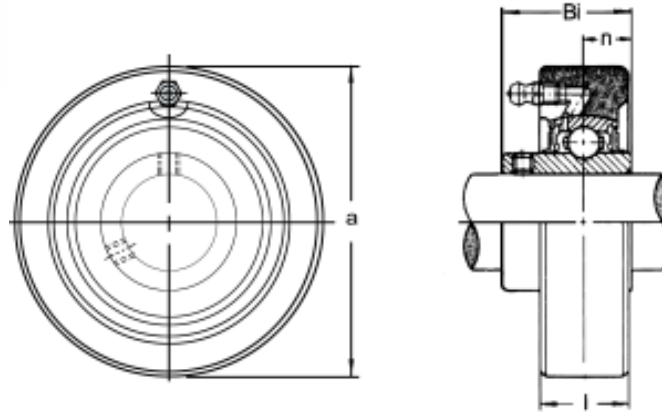
Note: To specify relubricatable units, add "G" suffix.



CARTRIDGE UNITS



UCLC 200

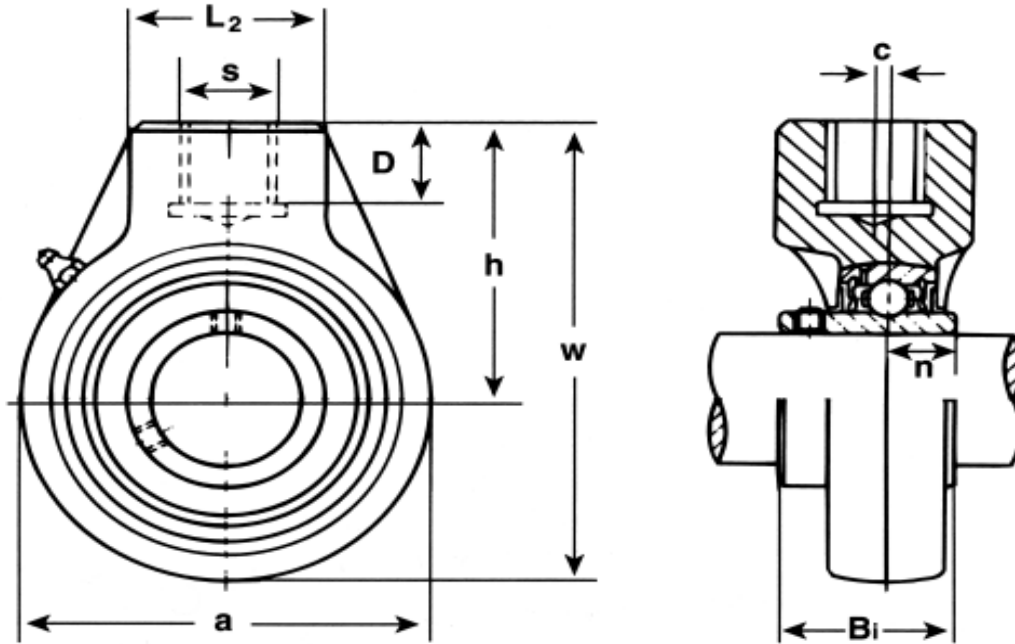


Shaft Diam. (in.)	RBI Unit NO.	Dimensions (in.)				Bearing #	Housing #	Weight (lb.)
		i	e	a	n			
1/2	UCLC201-8	1.024	7/8	2-11/16	0.394	UCW201-8	LC203	1.12
5/8	UCLC202-10					UCW202-10		1.10
3/4	UCLC204-12	1.220	7/8	2-15/16	0.500	UC204-12	LC204	1.28
7/8	UCLC205-14	1.339	1-1/32	3-1/8	0.563	UC205-14	LC205	1.61
15/16	UCLC205-15					UC205-15		
1	UCLC205-16					UC205-16		
1-1/16	UCLC206-17	1.500	1-3/32	3-1/2	0.626	UC206-17	LC206	2.09
1-1/8	UCLC206-18					UC206-18		
1-3/16	UCLC206-19					UC206-20		
1-1/4	UCLC206-20					UC207-20		
1-1/4	UCLC206-20	1.689	1-7/32	3-7/8	0.689	UC207-21	LC207	2.64
1-5/16	UCLC207-21					UC207-22		
1-3/8	UCLC207-22					UC207-23		
1-7/16	UCLC207-23					UC207-24		
1-1/2	UCLC208-24	1.937	1-15/32	4-3/16	0.748	UC208-25	LC208	3.74
1-9/16	UCLC208-25					UC208-26		
1-5/8	UCLC209-26	1.937	1-7/16	4-3/8	0.748	UC209-27	LC209	3.74
1-11/16	UCLC209-27					UC209-28		
1-3/4	UCLC209-28					UC209-30		
1-7/8	UCLC210-30	2.031	1-15/32	4-9/16	0.748	UC210-31	LC210	4.18
1-15/16	UCLC210-31					UC210-32		
2	UCLC210-32					UC210-32		
2	UCLC211-32	2.189	1-19/32	4-15/16	0.874	UC211-32	LC211	5.28
2-1/8	UCLC211-34					UC211-34		
2-3/16	UCLC211-35					UC211-35		
2-1/4	UCLC212-36	2.563	1-5/8	5-7/8	1.000	UC212-36	LC212	8.36
2-3/8	UCLC212-38					UC212-38		
2-7/16	UCLC212-39					UC212-39		
2-1/2	UCLC213-40	2.563	1-5/8	5-7/8	1.000	UC213-40	LC213	7.92



SCREW CONVEYOR HANGER UNITS

SET SCREW TYPE



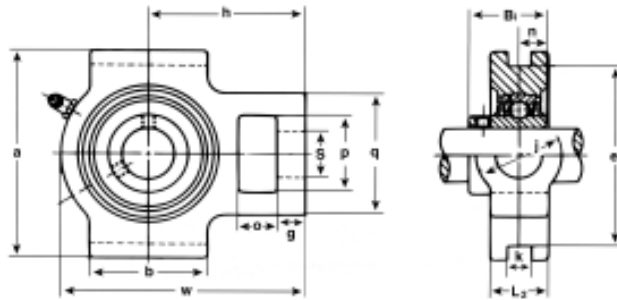
UCSH200-SERIES

Shaft Dia. in	REI Unit No.	Dimensions (in.)									Bearing NO.	Housing No.	Weight	
		a	w	c	h	L ₂	D	s	h	n			lg	lbs.
1/2	UCSH201-8										UC201-8			
5/8	202-10	2-17/32	3-25/32	0	2-33/64	1-9/16	3/4	PF3/4	1.2205	0.5000	202-10	SH204	0.74	1.63
3/4	204-12										204-12			
7/8	UCSH205-14										UC205-14			
15/16	205-15	3-1/16	4-1/16	0	2-33/64	1-9/16	3/4	PF3/4	1.3366	0.5630	205-15	SH205	0.91	2.0
1	205-16										205-16			
1-1/16	UCSH206-17										UC206-17			
1-1/8	206-18	3-1/16	4-1/16	0	2-33/64	1-9/16	3/4	PF3/4	1.5000	0.6260	206-18	SH206	0.98	2.16
1-3/16	206-19										206-19			
1-1/4	206-20										206-20			
1-1/4	UCSH207-20										UC207-20			
1-5/16	207-21	3-5/8	4-9/16	0	2-3/4	1-9/16	3/4	PF3/4	1.6890	0.6890	207-21	SH207	1.21	2.67
1-3/8	207-22										207-22			
1-7/16	207-23										207-23			
1-1/2	UCSH208-24										UC208-24			
1-9/16	208-25	3-25/32	4-3/4	5/64	2-7/8	1-9/16	3/4	PF3/4	1.9370	0.7480	208-24	SH208	1.67	3.68
	208-25										208-25			
1-5/8	UCSH209-26										UC209-26			
1-11/16	209-27	4-1/4	5-11/32	13/64	3-15/64	1-7/8	13-16	PF3/4	1.9370	0.7480	209-27	SH209	2.08	4.59
1-3/4	209-28										209-28			
1-7/8	UCSH210-30										UC210-30			
1-15/16	210-31	4-21/32	5-19/32	13/64	3-17/64	1-7/8	13-16	PF3/4	2.0315	0.7460	210-30	SH210	2.49	5.49
	210-31										210-31			

TAKE-UP UNITS



WIDE SLOT-SET SCREW TYPE



UCST200-SERIES

m	mm	Shaft Dia. in	REI Unit No.	Dimensions (in.)														Bearing NO.	Housing No.	Weight		
				o	g	q	p	s	b	k	e	a	w	j	L ₂	h	H			n	kg	lbs.
12		1/2	UCST201-8	5/8	3/8	2	1-1/4	3/4	2	17/32	3	3-1/2	3-11/16	1-1/4	15/16	2-3/8	1.2205	0.5000	UC201-8	ST204	0.80	1.76
		5/8	202-10																202			
		3/4	204-12																203			
			UCST201																204			
15		7/8	UCST205-14	5/8	3/8	2	1-1/4	7/8	2	17/32	3	3-1/2	3-13/16	1-1/4	15/16	2-7/16	1.3386	0.5630	UC205-14	ST205	0.86	1.90
		15/16	205-15																UC205			
		1	205-16																			
			UCST205																			
17		1-1/16	UCST206-17	5/8	3/8	2-3/16	1-7/16	7/8	2-1/4	17/32	3-1/2	4	4-7/16	1-7/16	15/16	2-3/4	1.5000	0.6260	UC206-17	ST206	1.28	2.82
		1-1/8	206-18																UC206			
		1-3/16	206-19																			
		1-1/4	206-20																			
			UCST206																			
20		1-1/4	UCST207-20	5/8	1/2	2-1/12	1-7/16	7/8	2-1/2	17/32	3-1/2	4	5-1/16	1-7/16	1-3/16	3-1/16	1.6890	0.6890	UC207-20	ST207	1.68	3.70
		1-5/16	207-21																UC207			
		1-3/8	207-22																			
		1-7/16	207-23																			
			UCST207																			
25		1-1/2	UCST208-24	3/4	5/8	3-1/4	1-15/16	1-1/8	3-1/4	11/16	4	4-1/2	5-11/16	1-15/16	1-3/8	3-1/2	1.9370	0.7480	UC208-24	ST208	2.42	5.34
		1-9/16	208-25																UC208			
			UCST208																			
30		1-5/8	UCST209-26	3/4	5/8	3-1/4	1-15/16	1-1/8	3-1/4	11/16	4	4-5/8	5-11/16	1-15/16	1-3/8	3-7/16	1.9370	0.7480	UC209-26	ST209	2.52	5.56
		1-11/16	209-27																UC209			
		1-3/4	209-28																			
			UCST209																			
35		1-7/8	UCST210-30	3/4	5/8	3-1/4	1-15/16	1-1/8	3-1/4	11/16	4	4-5/8	5-7/8	1-15/16	1-3/8	3-9/16	2.0315	0.7480	UC210-30	ST210	2.75	6.06
		1-15/16	210-31																UC210			
			UCST210																			
40		2	UCST211-32	1	3/4	4	2-1/2	1-3/8	3-3/4	1-1/16	5-1/8	5-3/4	6-3/4	2-1/2	1-5/8	4-3/16	2.1890	0.8740	UC211-32	ST211	4.10	9.04
		2-1/8	211-34																UC211			
		2-3/16	211-35																			
			UCST211																			
45		2-1/4	UCST212-36	1-1/4	3/4	4	2-1/2	1-3/8	4	1-1/16	5-1/8	5-3/4	7-5/8	2-1/2	1-13/16	4-11/16	2.5630	1.0000	UC212-36	ST212	5.20	11.5
		2-3/8	212-38																UC212			
		2-7/16	212-39																			
			UCST212																			
50		2-1/2	UCST213-40	1-1/4	13/16	4-3/8	2-3/4	1-5/8	4-3/4	1-1/16	5-15/16	6-9/16	8-13/16	2-3/4	2	5-3/8	2.5630	1.0000	UC213-40	ST213	7.05	15.5
			213																			

Note: Narrow slot available upon request

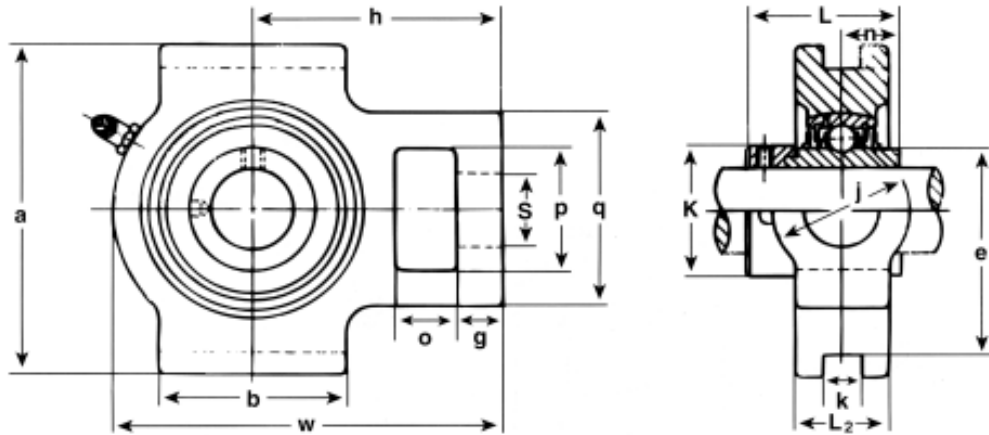


TAKE-UP UNITS

WIDE SLOT-ECCENTRIC LOCKING COLLAR TYPE



Seal type



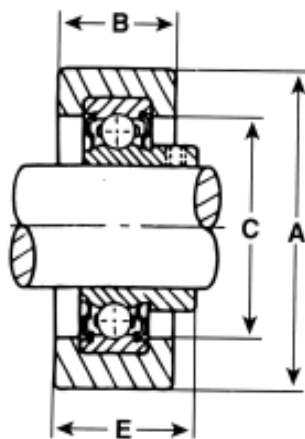
Shaft Dia. mm	Shaft Dia. in.	RRI Unit NO.	Dimensions (in.)														Bearing NO.	Housing NO.	weight			
			o	g	q	p	s	b	k	e	a	w	j	L ₂	h	L			n	k	kg	lbs.
20	3/4	HCST204-12	5/8	3/8	2	1-1/4	3/4	2	17/32	3	3-1/2	3-11/16	1-1/4	15/16	2-3/8	1.720	0.673	1-1/4	HC204-12	ST204	0.84	1.85
	HCST204	HC204																				
25	7/8	HCST205-14	5/8	3/8	2	1-1/4	7/8	2	17/32	3	3-1/2	3-13/16	1-1/4	15/16	2-7/16	1.748	0.688	1-1/2	HC205-14	ST205	0.88	1.94
	15/16	205-15																	205-15			
	1	205-16																	205-16			
	HCST205	HC205																				
30	1-1/16	HCST206-17	5/8	3/8	2-3/16	1-7/16	7/8	2-1/4	17/32	3-1/2	4	4-7/16	1-7/16	15/16	2-3/4	1.905	0.720	1-3/4	HC206-17	ST206	1.33	2.93
	1-1/8	206-18																	206-18			
	1-3/16	206-19																	206-19			
	1-1/4	206-20																	206-20			
	HCST206	HC206																				
35	1-1/4	HCST207-20	5/8	1/2	2-1/2	1-7/16	7/8	2-1/2	17/32	3-1/2	4	5-1/16	1-7/16	1-3/16	3-1/16	2.016	0.742	2-3/16	HC207-20	ST207	1.76	3.88
	1-5/16	207-21																	207-21			
	1-3/8	207-22																	207-22			
	1-7/16	207-23																	207-23			
	HCST207	HC207																				
40	1-1/2	HCST208-24	3/4	5/8	3-1/4	1-15/16	1-1/8	3-1/4	11/16	4	4-1/2	5-11/16	1-15/16	1-3/8	3-1/2	2.220	0.844	2-3/8	HC208-24	ST208	2.55	5.62
	1-9/16	208-25																	208-25			
	HCST208	HC208																				
45	1-5/8	HCST209-26	3/4	5/8	3-1/4	1-15/16	1-1/8	3-1/4	11/16	4	4-5/8	5-11/16	1-15/16	1-3/8	3-7/16	2.220	0.844	2-1/2	HC209-26	ST209	2.65	5.84
	1-11/16	209-27																	209-27			
	1-3/4	209-28																	209-28			
	HCST209	HC209																				
50	1-7/8	HCST210-30	3/4	5/8	3-1/4	1-15/16	1-1/8	3-3/8	11/16	4	4-5/8	5-7/8	1-15/16	1-3/8	3-9/16	2.468	0.969	2-3/4	HC210-30	ST210	2.95	6.50
	1-15/16	210-31																	210-31			
	HCST210	HC210																				
55	2	HCST211-32	1	3/4	4	2-1/2	1-3/8	3-3/4	1-1/16	5-1/8	5-3/4	6-3/4	2-1/2	1-5/8	4-13/16	2.814	1.049	3	HC211-32	ST211	4.39	9.68
	2-1/8	211-34																	211-34			
	2-3/16	211-35																	211-35			
	HCST211	HC211																				
60	2-1/4	HCST212-36	1-1/4	3/4	4	2-1/2	1-3/8	4	1-1/16	5-1/8	5-3/4	7-5/8	2-1/2	1-13/16	4-11/16	3.062	1.219	3-5/16	HC212-36	ST212	5.55	12.24
	2-3/8	212-38																	212-38			
	2-7/16	212-39																	212-39			
	HCST212	HC212																				

Note: Narrow slot available upon request

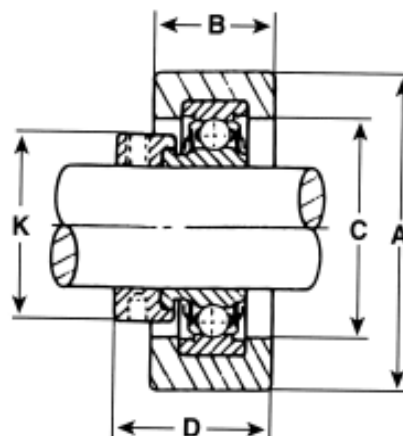
RUBBER MOUNTED CARTRIDGE UNITS



Seal type



RCSM



RCSML

RCSM200-SERIES

RCSMS200-SERIES

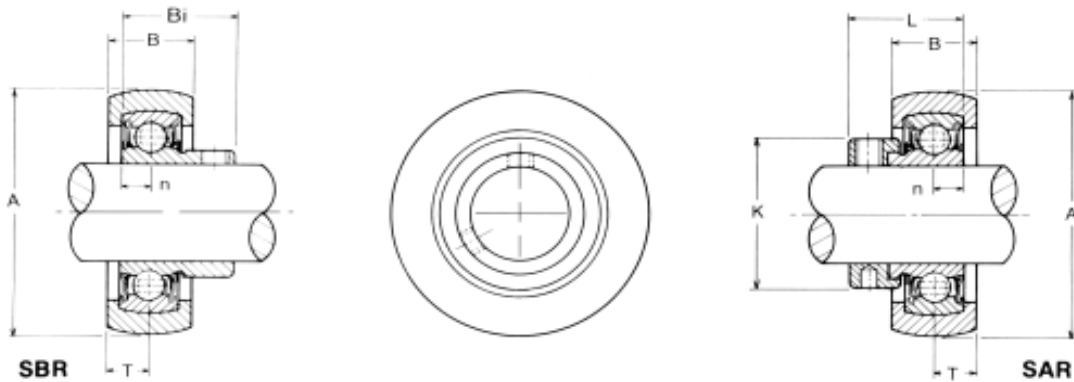
Shaft Dia. in.	RBI Unit No.		Dimension(in.)						Bearing NO.		Rubber Ring No.	Weight lbs.	
	Locking Collar Type	Set screw Type	A	B	C	D	E	K	RCSM	RCSMS		RCSM	RCSMS
1/2	RCSM201-8L	RCSMS201-8	2-17/32	1	1-3/8	1-3/8	1-9/64	1-1/8	CSA201-8	CSB201-8	RC-3	.44	.35
5/8	202-10L	202-10							202-10	202-10			
3/4	RCSM204-12L	RCSMS204-12	2-17/32	1	1-9/16	1-27/64	1-7/32	1-1/4	CSA204-12	CSB204-12	RC-4	.52	.48
7/8	RCSM205-14L	RCSMS205-14	2-17/32	1	1-25/32	1-27/64	1-9/32	1-1/2	CSA205-14	CSB205-14	RC-5	.58	.53
15/16	205-15L	205-15							205-15	205-15			
1	205-16L	205-16							205-16	205-16			



RUBBER MOUNTED CARTRIDGE UNITS



Seal type



SBR200 SERIES SET SCREW TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)						Bearing NO.	Rubber Ring No.	Weight	
		A	B	H	n	T	kg			lbs.	
		m m	fraction								
1/2 5/8	SBR201-8 202-10	47.6	1-7/8	11/16	0.8661	0.2362	11/32	SB201-8 202-10	R-4	.11	.24
3/4	SBR204-12	52.4	2-1/16	11/16	0.9843	0.2756	11/32	SB204-12	R-5	.16	.35
7/8 15/16 1	SBR205-14 205-15 205-16	62.4	2-29/64	25/32	1.0630	0.2953	13/32	SB205-14 205-15 205-16	R-6	.19	.42
1-1/16 1-1/8 1-3/16 1-1/4	SBR206-17 206-18 206-19 206-20	72.4	2-27/32	13/16	1.1811	0.3150	13/32	SB206-17 206-18 206-19 206-20	R-7	.44	.97

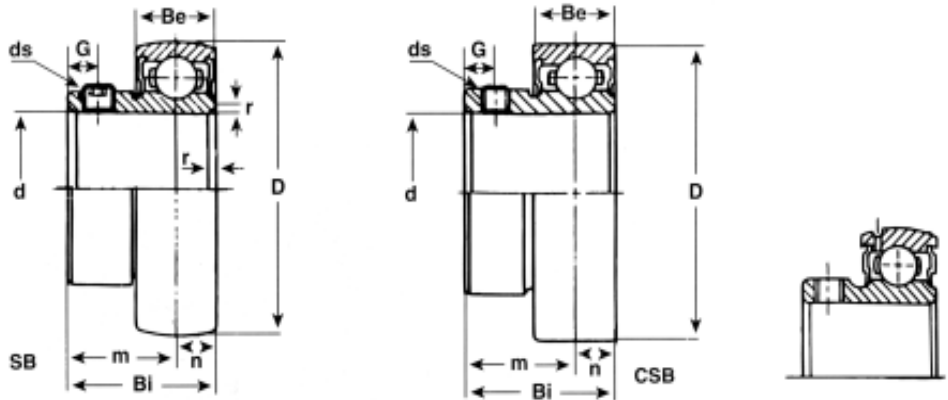
SAR200-SERIES ECCENTRIC LOCKING COLLAR TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)							Bearing NO.	Rubber Ring No.	Weight	
		A	B	L	n	T	k	kg			lbs.	
		m m	fraction									
1/2 5/8	SAR201-8 202-10	47.6	1-7/8	11/16	1.1260	0.2362	11/32	1-1/8	SA201-8 202-10	R-4	.16	.35
3/4	SAR204-12	52.4	2-1/16	11/16	1.2205	0.2756	11/32	1-1/4	SA204-12	R-5	.17	.37
7/8 15/16 1	SAR205-14 205-15 205-16	62.4	2-29/64	25/32	1.2205	0.2953	13/32	1-1/2	SA205-14 205-15 205-16	R-6	.22	.49
1-1/16 1-1/8 1-3/16 1-1/4	SAR206-17 206-18 206-19 206-20	72.4	2-27/32	13/16	1.4055	0.3150	13/32	1-3/4	SA206-17 206-18 206-19 206-20	R-7	.36	.79

INSERT BEARINGS



SET SCREW TYPE-LIGHT DUTY SERIES



SB200-SERIES

CSB200-SERIES

Shaft Dia in	RBI Bearing No.	Dimensions (in.) (mm)								Load Rating lb.		Weight											
		D	B	Be	r	n	m	G	ds	Dynamic	Static	kg	lbs.										
1/2	SB201-8	1.5748	0.866	0.472	0.039	0.236	0.0630	0.177	# 10-32	2750	1072	0.09	0.20										
5/8	202-10	40	22	12	1	6	16	4.5				0.08	0.18										
3/4	SB204-12	1.8504	0.984	0.551	0.059	0.275	0.708	0.177	# 10-32	2880	1484	0.13	0.29										
		47	25	14	1.5	7	18	4.5															
1	CSB105-16	1.8504	0.984	0.9650	0.059	0.236	0.729	0.218	# 10-32	1744	1159	0.16	0.35										
		47	25	24.5	1.5	6	18.50	5.53															
7/8	SB205-14	2.0472	1.062	0.591	0.059	0.295	0.767	0.217	# 10-32	3152	1765	0.18	0.40										
15/16	205-15													52	27	15	1.5	7.5	19.5	5.5			
1	205-16																					0.17	0.37
1-1/16	SB206-17	2.4409	1.181	0.630	0.059	0.315	0.866	0.217	1/4-28	4375	2542	0.28	0.62										
1-1/8	206-18													62	30	16	1.5	8	22	5.5			
1-3/16	206-19																					0.25	0.55
1-1/4	206-20																					0.24	0.53
1-1/4	SB207-20	2.8346	1.259	0.669	0.079	0.335	0.925	0.256	1/4-28	5777	3459	0.43	0.95										
1-5/16	207-21													72	32	17	2	8.5	23.5	6.5			
1-3/8	207-22																					0.41	0.90
1-7/16	207-23																					0.38	0.84
1-1/2	SB208-24	3.1496	1.338	0.708	0.079	0.354	0.984	0.276	5/16-24	5787	4042	0.60	1.32										
1-9/16	208-25	80	34	18	2	9	25	7						0.58	1.28								
1-5/8	SB209-26	3.3465	1.621	0.748	0.079	0.402	1.219	0.322	5/16-24	7357	4598	0.8	1.8										
1-11/16	209-27													85	41.2	19	2	10.2	31	8.2			
1-3/4	209-28																						
1-7/8	SB210-30	3.5433	1.714	0.787	0.079	0.430	1.284	0.362	5/16-24	7895	5180	0.8	1.8										
1-15/16	210-31	90	43.5	20	2	10.9	32.6	9.2															
2	SB211-32	3.9370	1.783	0.826	0.098	0.466	1.317	0.385	5/16-24	9757	6552	1.1	2.4										
2-3/16	211-35	100	45.3	21	2.5	11.8	33.5	9.8		9752	6601												
2-1/4	SB212-36	4.3307	2.114	0.866	0.098	0.586	1.248	0.385	3/8-24	11789	8093	1.3	2.9										
2-7/16	212-39	110	53.7	22	2.5	14.9	31.7	9.8															

ALL RBI SB inserts have an oil hole.

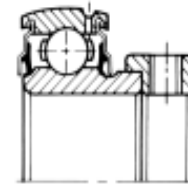
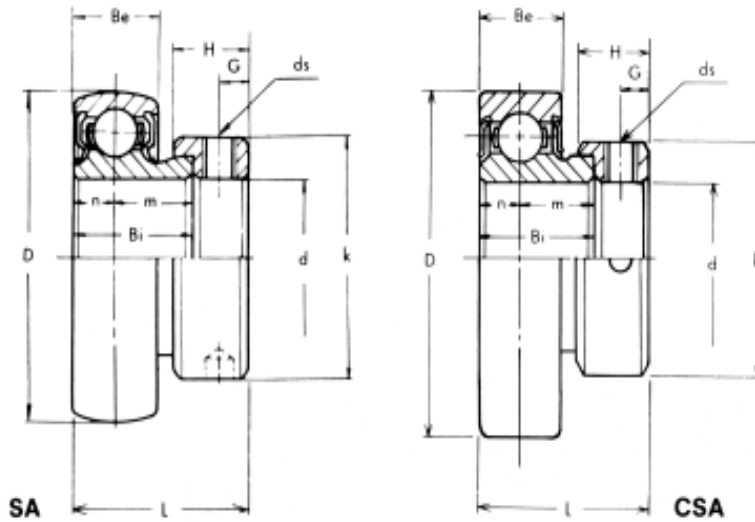


INSERT BEARINGS

ECCENTRIC LOCKING COLLAR TYPE- LIGHT DUTY SERIES



Seal type



SA200 SERIES

CSA200 SERIES

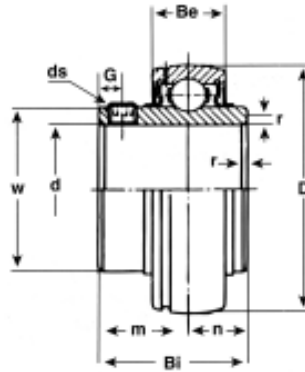
Shaft Dia. in	RBI Bearing No.	Dimensions (in.) (mm)									Set Screw Ø	Load Rating LB. (kg)		Weight										
		D	L	H	Be	n	m	k	H	G		Dynamic	Static	kg	Ibs.									
1/2	SA201-8	1.5748	1.125	0.748	0.512	0.256	0.492	1.125	0.531	0.188	1/4-28	1650	1000	0.14	0.31									
5/8	202-10	40	28.6	19	13	6.5	12.5	28.6	13.5	4.8		750	455	0.13	0.29									
3/4	SA204-12	1.8504	1.218	0.843	0.551	0.295	0.531	1.260	0.531	0.188	1/4-28	2230	1390	0.15	0.33									
		47	31	21.4	14	7.5	13.5	32	13.5	4.8		1010	630											
7/8	SA205-14	2.0472	1.218	0.843	0.591	0.295	0.531	1.500	0.531	0.188	1/4-28	2420	1560	0.21	0.46									
15/16	205-1											31	21.4	15	7.5	13.5	38.1	13.5	4.8	1100	710	0.19	0.42	
1	205-16											52	31	21.4	15	7.5	13.5	38.1	13.5	4.8	1100	710	0.18	0.40
1-1/16	SA206-17	2.4409	1.406	0.937	0.629	0.354	0.583	1.748	0.625	0.234	5/16-24	3390	2250	0.35	0.77									
1-1/8	206-18											62	35.7	23.8	16	9	14.8	44.4	15.9	6	1540	1020	0.33	0.73
1-3/16	206-19																						0.31	0.68
1-1/4	206-20																						0.29	0.64
1-1/4	SA207-20	2.8346	1.531	1.000	0.669	0.374	0.626	2.188	0.688	0.266	5/16-24	4470	3090	0.56	1.23									
1-5/16	207-21											72	38.9	25.4	17	9.5	15.9	55.6	17.5	6.8	2030	1400	0.53	1.17
1-3/8	207-22																						0.51	1.12
1-7/16	207-23																						0.48	1.06
1-1/2	SA208-24	3.1496	1.719	1.187	0.708	0.433	0.756	2.377	0.719	0.266	5/16-24	5070	3530	0.68	1.50									
1-9/16	208-25											80	43.7	30.1	18	11	19.2	60.3	18.3	6.8	2300	1600	0.65	1.43
1-5/8	SA209-26	3.3465	1.719	1.187	0.748	0.433	0.756	2.499	0.719	0.266	5/16-24	5660	3990	0.76	1.68									
1-11/16	209-27											85	43.7	30.1	19	11	19.2	63.5	18.3	6.8	2570	1810	0.73	1.61
1-3/4	209-28																						0.69	1.52
1-7/8	SA210-30	2.5433	1.719	1.187	0.787	0.433	0.756	2.751	0.719	0.266	5/16-24	6080	4430	0.83	1.83									
1-15/16	210-31											90	43.7	30.1	20	11	19.2	69.8	18.3	6.8	2760	2010	0.79	1.74
2	SA211-32	3.9370	1.906	1.280	0.945	0.472	0.807	2.999	0.813	0.313	3/8-24	7490	5620	0.96	2.12									
2-1/16	211-34											100	48.4	32.5	24	12	20.5	76.2	20.5	8	3400	2550	0.87	1.92
2-3/16	211-35																						0.81	1.79
2-1/4	SA212-36	4.3307	1.937	1.315	0.945	0.472	0.843	3.311	0.874	0.313	7/16-20	9040	6940	1.30	2.86									
2-7/16	212-39											110	49.2	33.4	24	12	21.4	84.1	22.2	8	4100	3150	1.09	2.41

ALL RBI SA inserts have an oil hole.

INSERT BEARINGS



SET SCREW TYPE-MEDIUM DUTY SERIES



UCX00-SERIES

Shaft Dia in	RBI Bearing.No	Dimensions (in.) (mm)									Load Rating lb.		Weight	
		D	Bi	Be	r	n	m	G	ds	w	Dynamic	Static	kg	lbs
7/8	UCX05-14	2.4409	1.500	0.748	0.059	0.626	0.874	0.197	1/4-28	1.591	4380	2559	0.37	0.82
15/16	05-15	62	38.1	19	1.5	15.9	22.2	5						
1	05-16													
1-1/8	UCX06-18	2.8346	1.689	0.787	0.059	0.689	1.000	0.236	5/16-24	1.866	5781	3483	0.47	1.04
1-3/16	06-19	72	42.9	20	1.5	17.5	25.4	6						
1-1/4	06-20													
1-1/4	UCX07-20	3.1496	1.937	0.827	0.079	0.748	1.189	0.315	5/16-24	2.075	6558	4043	0.76	1.68
1-5/16	07-21	80	49.2	21	2	19	30.2	8						
1-3/8	07-22													
1-7/16	07-23													
1-1/2	UCX08-24	3.3465	1.937	0.866	0.079	0.748	1.189	0.315	5/16-24	2.248	7365	4599	0.81	1.79
1-9/16	08-25	85	49.2	22	2	19	30.2	8						
1-5/8	UCX09-26	3.5433	2.031	0.866	0.079	0.748	1.283	0.354	3/8-24	2.465	7895	5178	0.92	1.03
1-11/16	09-27	90	51.6	22	2	19	32.6	9						
1-3/4	09-28													
1-7/8	UCX10-30	3.9370	2.189	0.944	0.079	0.874	1.315	0.354	3/8-24	2.776	9759	6552	1.23	2.71
1-15/16	10-31	100	55.6	24	2	22.2	33.4	9						
2	10-32													
2-1/8	UCX11-34	4.3307	2.563	1.024	0.098	1.000	1.563	0.394	3/8-24	3.059	11798	8093	1.74	3.84
2-3/16	11-35	110	65.1	26	2.5	25.4	39.7	10						
2-1/4	11-36													
2-3/8	UCX12-38	4.7244	2.563	1.063	0.098	1.000	1.563	0.394	3/8-24	3.260	12880	8917	2.03	4.48
2-7/16	12-39	120	65.1	27	2.5	25.4	39.7	10						
2-1/2	UCX13-40	4.9213	2.937	1.142	0.098	1.189	1.748	0.472	7/16-20	3.425	13984	10031	2.33	5.14
		125	74.6	29	2.5	30.2	44.4	12						
2-3/4	UCX14-44	5.1181	3.063	1.181	0.098	1.311	1.752	0.472	7/16-20	3.598	14839	11224	2.54	5.6
		130	77.8	30	2.5	33.3	44.5	12						
2-15/16	UCX15-47	5.5118	3.252	1.260	0.098	1.311	1.941	0.472	7/16-20	3.878	17412	13174	3.20	7.06
3	15-48	140	82.6	32	2.5	33.3	49.3	12						

Metric bore sizes available upon request

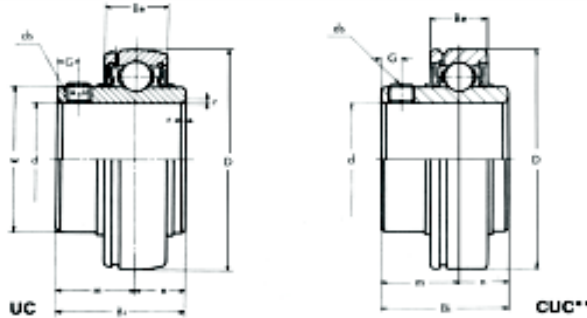


INSERT BEARINGS

SET SCREW TYPE SNAP



Seal type



UC200-SERIES

CUC200-SERIES

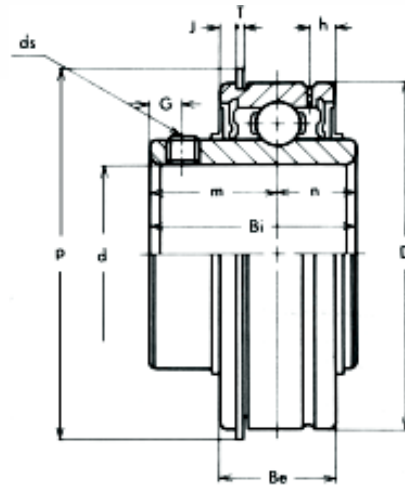
Shaft Dia.		RBI	Dimensions (in. E m m f °)									Load Rating		Weight	
m	in.	Bearing.Nb.	D	H	Be	r	n	m	G	ds	w	Dynamic	Static	kg	Ibs.
12	1/2	UC201-8	1.8504	1.2205	0.629	0.039	0.500	0.7205	0.177	#10-32	1.142	2230	1390	0.20	0.44
	5/8	202-10												0.19	0.42
	3/4	204-12												0.16	0.35
		UC201												0.21	0.46
		202												0.19	0.42
15		203	0.18	0.40											
17		204	0.16	0.35											
25	7/8	UC205-14	2.0472	1.3386	0.669	0.059	0.563	0.7756	1.197	#10-32	1.339	2420	1560	0.22	0.49
	15/16	205-15												0.20	0.44
	1	205-16												0.19	0.42
		UC205												0.19	0.42
30	1-1/16	UC206-17	2.4409	1.500	0.748	0.059	0.626	0.8740	0.197	1/4-28	1.591	3390	2250	0.36	0.79
	1-1/8	206-18												0.34	0.75
	1-3/16	206-19												0.32	0.71
		206-20												0.31	0.66
	1-1/4	UC206												0.31	0.68
35	1-1/4	UC207-20	2.8346	1.6890	0.787	0.079	0.689	1.0000	0.236	1/4-28	1.866	4470	3090	0.52	1.15
	1-5/16	207-21												0.50	1.10
	1-3/8	207-22												0.48	1.06
		207-23												0.46	1.01
	1-7/16	UC207												0.46	1.01
40	1-1/2	UC208-24	3.1496	1.9370	0.827	0.079	0.748	1.1890	0.315	5/16-24	2.075	5070	3530	0.68	1.50
	1-9/16	208-25												0.64	1.41
		UC208												0.63	1.39
45	1-5/8	UC209-26	3.3465	1.9370	0.866	0.079	0.748	1.1890	0.315	5/16-24	2.248	5660	3990	0.78	1.72
	1-11/16	209-27												0.74	1.63
		209-28												0.70	1.54
	1-3/4	UC209												0.68	1.50
50	1-7/8	UC210-30	3.5433	2.0315	0.866	0.079	0.748	1.2835	0.354	5/16-24	2.465	6080	4430	0.85	1.87
	1-15/16	210-31												0.80	1.76
55	2	UC211-32	3.9370	2.1890	0.944	0.098	0.874	1.3150	0.354	5/16-24	2.776	7490	5620	1.22	2.69
	2-1/8	211-34												1.10	2.43
		211-35												1.05	2.32
	2-3/16	UC211												1.07	2.36
60	2-1/4	UC212-36	4.3307	2.5630	1.024	0.098	1.000	1.5630	0.394	3/8-24	3.059	9040	6940	1.65	3.64
	2-3/8	212-38												1.49	3.29
		212-39												1.42	3.13
	2-7/16	UC212												1.51	3.33
65	2-1/2	UC213-40	4.7244	2.5630	1.063	0.098	1.000	1.5630	0.394	3/8-24	3.260	9920	7720	1.88	4.15
		UC213												1.80	3.97
70	2-3/4	UC214-44	4.9213	2.9370	1.142	0.098	1.189	1.7480	0.472	3/8-24	3.425	10800	8380	2.07	4.56
		UC214												2.06	4.54

INSERT BEARINGS

SET SCREW TYPE SNAP RING SERIES



Seal type



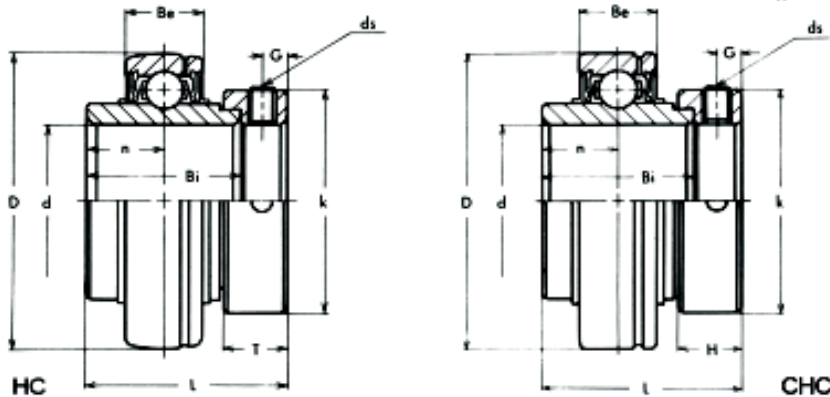
Shaft Dia. in.	RBI Bearing No.	Dimensions (in.)												Load Rating Lb. (kg)		Weight	
		D	Bi	Be	n	m	G	T	h	j	p	ds	w	Dynamic	Static	kg	Ibs.
1/2	SER201-8	1.8504 47	1.219	0.625	0.406	0.813	0.177	0.042	0.150	0.094	2.067	1/4-28	1.142	2230	1390	0.26	0.57
5/8	202-10													1010	630	0.24	0.53
3/4	204-12															0.22	0.49
7/8	SER205-14	2.0472 52	1.375	0.750	0.515	0.860	0.197	0.042	0.203	0.094	2.272	1/4-28	1.339	2420	1560	0.31	0.68
15/16	205-15													1100	710	0.30	0.66
1	205-16															0.28	0.62
1-1/16	SER206-17	2.4409 62	1.500	0.875	0.625	0.875	0.197	0.065	0.219	0.125	2.658	1/4-28	1.591	3390	2250	0.42	0.93
1-1/8	206-18													1540	1020	0.40	0.88
1-3/16	206-19															0.38	0.84
1-1/4	206-20															0.36	0.79
1-1/4	SER207-20	2.8346 72	1.688	0.937	0.688	1.000	0.236	0.065	0.219	0.125	3.078	5/16-24	1.866	4470	3090	0.62	1.37
1-5/16	207-21													2030	1400	0.59	1.30
1-3/8	207-22															0.56	1.23
1-7/16	207-23															0.53	1.17
1-1/2	SER208-24	3.1496 80	1.937	1.093	0.750	1.187	0.315	0.065	0.250	0.125	3.406	5/16-24	2.075	5070	3530	0.91	2.01
1-9/16	208-25													2300	1600	0.88	1.94
1-5/8	SER209-26	3.3465 85	1.937	1.093	0.750	1.187	0.315	0.065	0.250	0.125	3.594	5/16-24	2.248	5660	3990	1.05	2.32
1-11/16	209-27													2570	1810	1.00	2.21
1-3/4	209-28															0.97	2.14
1-7/8	SER210-30	3.5433 90	2.032	1.125	0.750	1.282	0.354	0.095	0.297	0.125	3.781	3/8-24	2.465	6080	4430	1.10	2.43
1-15/16	210-31													2760	2010	1.05	2.32
2	SER211-32	3.9370 100	2.189	1.187	0.875	1.314	0.354	0.095	0.297	0.125	4.187	3/8-24	2.776	7490	5620	1.36	3.00
2-1/8	211-34													3400	2550	1.25	2.76
2-3/16	211-35															1.19	2.62
2-1/4	SER212-36	4.3307 110	2.563	1.250	1.000	1.563	0.394	0.095	0.297	0.125	4.583	3/8-24	3.059	9040	6940	1.82	4.01
2-3/8	212-38													4100	3150	1.67	3.68
2-7/16	212-39															1.59	3.51

Metric bore sizes available upon request



INSERT BEARINGS

ECCENTRIC LOCKING COLLAR TYPE



Shaft Dia.		RBI Bearing No.	Dimensions (in.) mm									Set Screw Ø	Load Rating lb. (kg)		Weight													
mm	in.		D	L	Bi	Be	r	n	k	H	G		Dynamic	Static	kg	Ibs.												
20	3/4	HC204-12	1.8504	1.720	1.342	0.629	0.059	0.637	1.260	0.531	0.188	1/4-28	2230	1390	0.20	0.44												
		HC204	47	43.7	34.1	16	1.5	17.1	32	13.5	4.8		1010	630	0.19	0.42												
25	7/8	HC205-14	2.0472	1.748	1.374	0.669	0.059	0.688	1.500	0.531	0.188	1/4-28	2420	1560	0.26	0.57												
	15/16	205-15													52	44.4	34.9	17	1.5	17.5	38.1	13.5	4.8	1100	710	0.21	0.46	
	1	205-16																									0.22	0.49
		HC205																										
30	1-1/16	HC206-17	2.4409	1.905	1.437	0.748	0.059	0.720	1.748	0.625	0.234	5/16-24	3390	2250	0.42	0.93												
	1-1/8	206-18													62	48.4	36.5	19	1.5	18.3	44.4	15.9	6	1540	1020	0.40	0.88	
	1-3/16	206-19																									0.37	0.82
	1-1/4	206-20																									0.35	0.77
		HC206													0.37	0.82												
35	1-1/4	HC207-20	2.8346	2.016	1.484	0.787	0.079	0.742	2.188	0.688	0.266	5/16-24	4470	3090	0.64	1.41												
	1-5/16	207-21													72	51.2	37.7	20	2	18.8	55.6	17.5	6.8	2030	1400	0.61	1.35	
	1-3/8	207-22																									0.58	1.28
	1-7/16	207-23																									0.54	1.19
		HC207													0.58	1.28												
40	1-1/2	HC208-24	3.1496	2.220	1.689	0.862	0.079	0.844	2.377	0.719	0.266	5/16-24	5070	3530	0.81	1.79												
	1-9/16	208-25													80	56.4	42.9	21	2	21.4	60.3	18.3	6.8	2300	1600	0.77	1.70	
		HC208													0.76	1.68												
45	1-5/8	HC209-26	3.3465	2.220	11.689	0.866	0.079	0.844	2.499	0.719	0.266	5/16-24	5660	3990	0.92	2.03												
	1-11/16	209-27													85	56.4	42.9	22	2	21.4	63.5	18.3	6.8	2570	1810	0.87	1.92	
	1-3/4	209-28																									0.81	1.79
		HC209													0.81	1.79												
50	1-7/8	HC210-30	3.5433	2.468	1.937	0.866	0.079	0.969	2.751	0.719	0.266	5/16-24	6080	4430	1.06	2.34												
	1-15/16	210-31													90	62.7	49.2	22	2	24.6	69.8	18.3	6.8	2760	2010	1.00	2.21	
		HC210													0.97	2.14												
55	2	HC211-32	3.9370	2.814	2.189	0.944	0.098	1.049	2.999	0.813	0.313	3/8-24	7490	5620	1.56	3.44												
	2-1/8	211-34													100	71.4	55.6	24	2.5	77.8	76.2	20.6	8	3400	2550	1.49	3.29	
	2-3/16	211-35																									1.34	2.95
		HC211													1.37	3.02												
60	2-1/4	HC212-36	4.3307	3.062	2.437	1.023	0.098	1.219	3.312	0.875	0.313	3/8-24	9040	6940	2.03	4.48												
	2-3/8	212-38													110	77.8	61.9	27	2.5	31	84.1	22.2	8	4100	3150	1.86	4.10	
	2-7/16	212-39																									1.77	3.90
		HC212													1.87	4.12												
3	2-15/16	HC215-47	5.1181	3.374	2.937	1.1811	0.098	1.469	4.016	0.925	0.335	3/8-24	11400	9750	2.75	6.07												
		215-48													130	85.7	74.6	30	2.5	37.3	102	23.5	8.5	5170	4420	2.68	5.90	

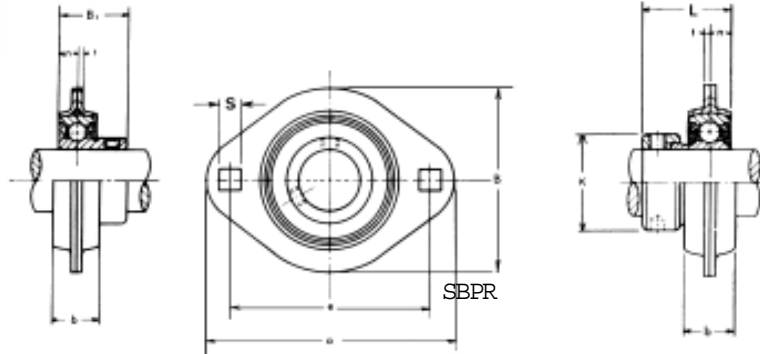
PRESSED STEEL HOUSING UNITS



2-BOLT FLANGES



Seal type



SBPR

SBPFL200-SERIES

SET SCREW TYPE

Shaft Dia. in.	RBI Unit No.	Dimensions (in.)								Bolt Used in.	Bearing NO.	Housing No.	Weight	
		a	e	B	t	b	s	ℓ	n				kg	lbs.
1-2 5/8	SBPFL201-8 202-10	3-3/16	2-1/2	2-5/16	0.079	5/8	9/32	0.8661	0.236	1/4	SB201-8 202-10	PFL203	0.19	0.42
3/4	SBPFL204-12	3-17/32	2-13/16	2-5/8	0.079	43/64	23/64	0.9843	0.275	5/16	SB204-12	PFL204	0.24	0.53
7/8 15/16 1	SBPFL205-14 205-15 205-16	3-3/4	3	2-25/32	0.079	51/64	23/64	1.0630	0.295	5/16	SB205-14 205-15 205-16	PFL205	0.29	0.64
1-1/16 1-1/8 1-3/16 1-1/4	SBPFL206-17 206-18 206-19 206-20	4-7/16	3-9/16	3-5/16	0.102	51/64	7/16	1.1811	0.315	3/8	SB206-17 206-18 206-19 206-20	PFL206	0.43	0.95
1-1/4 1-5/16 1-3/8 1-7/16	SBPFL207-20 207-21 207-22 207-23	4-15/16	3-15/16	3-11/16	0.102	51/64	7/16	1.2598	0.335	3/8	SB207-20 207-21 207-22 207-23	PFL207	0.54	1.19

SAPFL200-SERIES

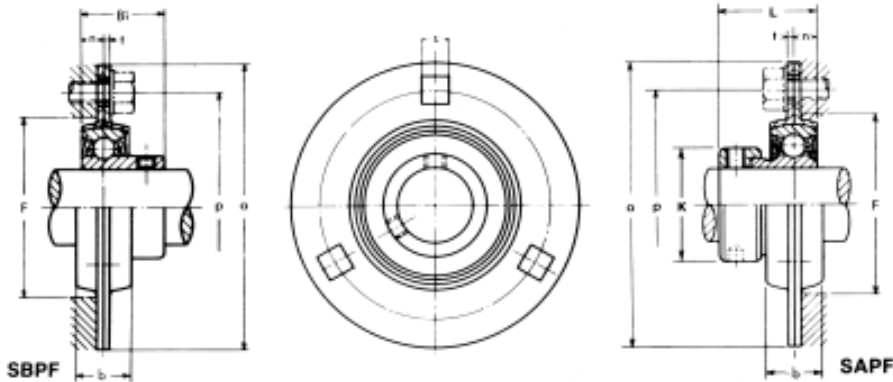
ECCENTRIC LOCKING COLLAR TYPE

Shaft Dia. in.	RBI Unit No.	Dimensions (in.)									Bolt Used in.	Bearing NO.	Housing No.	Weight	
		a	e	B	t	b	s	L	n	k				kg	lbs.
1-2 5/8	SAPFL201-8 202-10	3-3/16	2-1/2	2-5/16	0.079	5/8	9/32	1.1260	0.256	1-1/8	1/4	SA201-8 202-10	PFL203	0.22	0.49
3/4	SAPFL204-12	3-17/32	2-13/16	2-5/8	0.079	43/64	23/64	1.2205	0.295	1-1/4	5/16	SA204-12	PFL204	0.28	0.62
7/8 15/16 1	SAPFL205-14 205-15 205-16	3-3/4	3	2-25/32	0.079	51/64	23/64	1.2205	0.295	1-1/2	5/16	SA205-14 205-15 205-16	PFL205	0.33	0.73
1-1/16 1-1/8 1-3/16 1-1/4	SAPFL206-17 206-18 206-19 206-20	4-7/16	3-9/16	3-5/16	0.102	51/64	7/16	1.4055	0.354	1-3/4	3/8	SA206-17 206-18 206-19 206-20	PFL206	0.48	1.06
1-1/4 1-5/16 1-3/8 1-7/16	SAPFL207-20 207-21 207-22 207-23	4-15/16	3-15/16	3-11/16	0.102	51/64	7/16	1.5315	0.374	2-3/6	3/8	SA207-20 207-21 207-22 207-23	PFL207	0.59	1.30



PRESSED STEEL HOUSING UNITS

3-BOLT ROUND FLANGES



SBPF200-SERIES
SET SCREW TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)								Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	p	t	b	s	F	H	n				kg	lbs.
1/2 5/8	SBPF201-8 202-10	3-7/32	2-33/64	0.079	5/8	9/32	1-15/16	0.8661	0.236	1/4	SB201-8 202-10	PF203	0.25	0.55
3/4	SBPF204-12	3-19/32	2-51/64	0.079	43/64	23/64	2-3/16	0.9843	0.275	5/16	SB204-12	PF204	0.33	0.73
7/8 15/16 1	SBPF205-14 205-15 205-16	3-3/4	3	0.079	51/64	23/64	2-3/8	1.0630	0.295	5/16	SB205-14 205-15 205-16	PF205	0.38	0.84
1-1/16 1-1/8 1-3/16 1-1/4	SBPF206-17 206-18 206-19 206-20	4-7/16	3-9/16	0.102	51/64	7/16	2-13/16	1.1811	0.315	3/8	SB206-17 206-18 206-19 206-20	PF206	0.60	1.32
1-1/4 1-5/16 1-3/8 1-7/16	SBPF207-20 207-21 207-22 207-23	4-13/16	3-15/16	0.102	51/64	7/16	3-3/16	1.2598	0.335	3/8	SB207-20 207-21 207-22 207-23	PF207	0.75	1.65

SAPF200-SERIES
ECCENTRIC LOCKING COLLAR TYPE

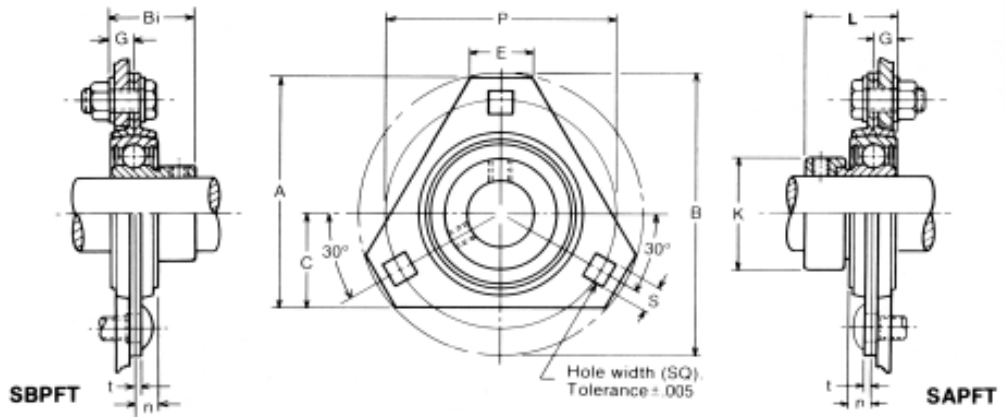
Shaft Dia. in	REI Unit No.	Dimensions (in.)									Bolt Used in	Bearing NO.	Housing No.	Weight	
		a	p	t	b	s	F	L	n	K				kg	lbs.
1/2 5/8	SAPF201-8 202-10	3-7/32	2-33/64	0.079	5/8	9/32	1-15/16	1.1260	0.256	1-1/8	1/4	SA201-8 202-10	PF203	0.28	0.62
3/4	SAPF204-12	3-19/32	2-51/64	0.079	43/64	23/64	2-3/16	1.2205	0.295	1-1/4	5/16	SA204-12	PF204	0.37	0.82
7/8 15/16 1	SAPF205-14 205-15 205-16	3-3/4	3	0.079	51/64	23/64	2-3/8	1.2205	0.295	1-1/2	5/16	SA205-14 205-15 205-16	PF205	0.42	0.43
1-1/16 1-1/8 1-3/16 1-1/4	SAPF206-17 206-18 206-19 206-20	4-7/16	3-9/16	0.102	51/64	7/16	2-13/16	1.4055	0.354	1-3/4	3/8	SA206-17 206-18 206-19 206-20	PF206	0.65	1.43
1-1/4 1-5/16 1-3/8 1-7/16	SAPF207-20 207-21 207-22 207-23	4-13/16	3-15/16	0.102	51/64	7/16	3-3/16	1.5315	0.374	2-3/16	3/8	SA207-20 207-21 207-22 207-23	PF207	0.80	1.76

Note: To specify relubricatable units add ; @ ; @ suffix.

PRESSED STEEL HOUSING UNITS



3-BOLT TRIANGULAR FLANGES



SBPFT200-SERIES
SET SCREW TYPE

Shaft Dia. in	REL Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Weight	
		A	B	C	S	E	P	G	T	H	n				kg	lbs.
1/2 5/8	SBPFT201-8 202-10	2-23/32	3-19/64	1-1/8	9/32	13/16	2-1/2	9/32	0.075	0.8661	0.236	1/4	SB201-8 202-10	PFT203	0.20	0.45
3/4	SBPFT204-12	3	3-9/16	1-5/16	11/32	1-1/16	2-13/16	5/16	0.083	0.9843	0.275	5/16	SB204-12	PFT204	0.27	0.60
7/8 15/16 1	SBPFT205-14 205-15 205-16	3-1/8	3-3/4	1-3/8	11/32	1-3/16	3	11/32	0.083	1.0630	0.295	5/16	SB205-14 205-15 205-16	PFT205	0.31	0.69
1-1/16 1-1/8 1-3/16 1-1/4	SBPFT206-17 206-18 206-19 206-20	3-11/16	4-7/16	1-1/2	13/32	1	3-9/16	11/32	0.104	1.1811	0.315	3/8	SB206-17 206-18 206-19 206-20	PFT206	0.48	1.05
1-1/4 1-5/16 1-3/8 1-7/16	SBPFT207-20 207-21 207-22 207-23	4-5/32	4-63/64	1-3/4	13/32	17/64	3-15/16	3/8	0.104	1.2598	0.335	3/8	SB207-20 207-21 207-22 207-23	PFT207	0.59	1.29

SAPFT200-SERIES
ECCENTRIC LOCKING COLLAR TYPE

Shaft Dia. in	REL Unit No.	Dimensions (in.)											Bolt Used in	Bearing NO.	Housing No.	Weight	
		A	B	C	s	E	P	G	t	L	n	K				kg	lbs.
1/2 5/8	SAPFT201-8 202-10	2-23/32	3-19/64	1-1/8	9/32	13/16	2-1/2	9/32	0.075	1.1260	0.256	1-1/8	1/4	SA201-8 202-10	PFT203	0.23	0.50
3/4	SAPFT204-12	3	3-9/16	1-5/16	11/32	1-1/16	2-13/16	5/16	0.083	1.2205	0.295	1-1/4	5/16	SA204-12	PFT204	0.31	0.69
7/8 15/16 1	SAPFT205-14 205-15 205-16	3-1/8	3-3/4	1-3/8	11/32	1-3/32	3	11/32	0.083	1.2205	0.295	1-1/2	5/16	SA205-14 205-15 205-16	PFT205	0.35	0.78
1-1/16 1-1/8 1-3/16 1-1/4	SAPFT206-17 206-18 206-19 206-20	3-11/16	4-7/16	1-1/2	13/32	1	3-9/16	11/32	0.104	1.4055	0.354	1-3/4	3/8	SA206-17 206-18 206-19 206-20	PFT206	0.53	1.16
1-1/4 1-5/16 1-3/8 1-7/16	SAPFT207-20 207-21 207-22 207-23	4-5/32	4-63/64	1-3/4	13/32	1-17/64	3-15/16	3/8	0.104	1.5315	0.374	2-3/16	3/8	SA207-20 207-21 207-22 207-23	PFT207	0.63	1.40

Note: To specify relubricatable units add ;R; suffix (e.g. SBPFT205-16G)

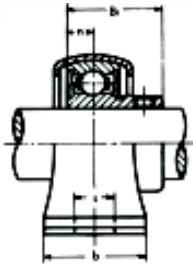


PRESSED STEEL HOUSING UNITS

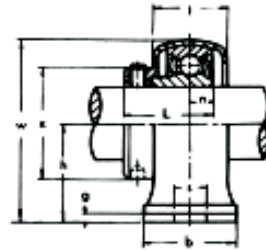
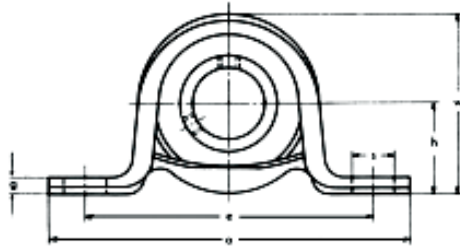
PILLOW BLOCKS



Seal type



SBPR



SAPR

SBPP200-SERIES

SET SCREW TYPE

Shaft Dia. in.	RBI Unit No.	Dimensions (in.)										Bolt Used in.	Bearing NO.	Housing No.	Weight	
		h	a	e	b	s	g	w	i	B	n				kg	Lbs.
1-2 5/8	SBPP201-8 202-10	7/8	3-3/8	2-11/16	1	23/64	3/32	1-23/32	3/4	0.8661	0.236	5/16	SB201-8 202-10	PP203	0.16	0.35
3/4	SBPP204-12	1	3-7/8	3	1-1/4	23/64	3/32	1-31/32	53/64	0.9843	0.275	5/16	SB204-12	PP204	0.23	0.51
7/8 15/16 1	SBPP205-14 205-15 205-16	1-1/8	4-1/4	3-3/8	1-1/4	7/16	1/8	2-7/32	1	1.0630	0.295	3/8	SB205-14 205-15 205-16	PP205	0.30	0.66
1-1/16 1-1/8 1-3/16 1-1/4	SBPP206-17 206-18 206-19 206-20	1-5/16	4-5/8	3-3/4	1-1/2	7/16	5/32	2-19/32	1-1/32	1.1811	0.315	3/8	SB206-17 206-18 206-19 206-20	PP206	0.45	0.99
1-1/4 1-5/16 1-3/8 1-7/16	SBPP207-20 207-21 207-22 207-23	1-9/16	5-1/16	4-3/16	1-5/8	7/16	3/16	3-1/16	1-3/16	1.2598	0.335	3/8	SB207-20 207-21 207-22 207-23	PP207	0.65	1.43

SAPP200-SERIES

ECCENTRIC LOCKING COLLAR TYPE

Shaft Dia. in.	RBI Unit No.	Dimensions (in.)											Bolt Used in.	Bearing NO.	Housing No.	Weight	
		h	a	e	b	s	g	w	i	L	n	k				kg	Lbs.
1-2 5/8	SAPP201-8 202-10	7/8	3-3/8	2-11/16	1	23/64	3/32	1-23/32	3/4	1.1260	0.256	1-1/8	5/16	SA201-8 202-10	PP203	0.19	0.42
3/4	SAPP204-12	1	3-7/8	3	1-1/4	23/64	3/32	1-31/32	53/64	1.2205	0.295	1-1/4	5/16	SA204-12	PP204	0.27	0.60
7/8 15/16 1	SAPP205-14 205-15 205-16	1-1/8	4-1/4	3-3/8	1-1/4	7/16	1/8	2-7/32	1	1.2205	0.295	1-1/2	3/8	SA205-14 205-15 205-16	PP205	0.34	0.75
1-1/16 1-1/8 1-3/16 1-1/4	SAPP206-17 206-18 206-19 206-20	1-5/16	4-5/8	3-3/4	1-1/2	7/16	5/32	2-19/32	1-1/32	1.4055	0.354	1-3/4	3/8	SA206-17 206-18 206-19 206-20	PP206	0.5	1.10
1-1/4 1-5/16 1-3/8 1-7/16	SAPP207-20 207-21 207-22 207-23	1-9/16	5-1/16	4-3/16	1-5/8	7/16	3/16	3-1/16	1-3/16	1.5315	0.374	2-3/16	3/8	SA207-20 207-21 207-22 207-23	PP207	0.70	1.54

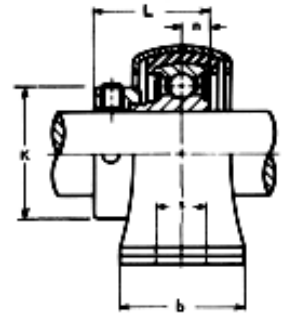
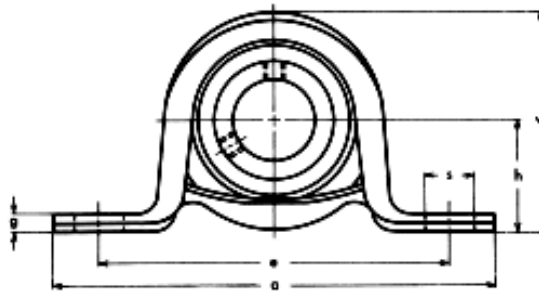
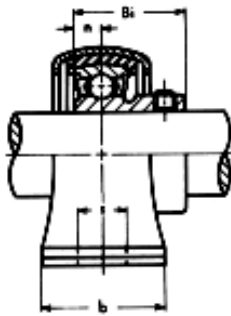
PRESSED STEEL HOUSING UNITS



RUBBER MOUNTED PILLOW BLOCKS



Seal type



SBPR200-SERIES

SET SCREW TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)									Bolt Used in	Bearing NO.	Housing No.	Rubber Ring No.	Weight	
		h	a	e	b	s	g	w	L	n					kg	lbs.
1/2 5/8	SBPR201-8 202-10	1	3-7/8	3	1-1/4	23/64	3-32	1-31/32	0.8661	0.236	5/16	SB201-8 202-10	PE204	R-4	0.17	0.37
3/4	SBPR204-12	1-1/8	4-1/4	3-3/8	1-1/4	7-16	1/8	2-7/32	0.9843	0.275	3/8	SB204-12	PE205	R-5	0.24	0.53
7/8 15/16 1	SBPR205-14 205-15 205-16	1-5/16	4-5/8	3-3/4	1-1/2	7/16	5/32	2-19/32	1.0630	0.295	3/8	SB205-14 205-15 205-16	PE206	R-6	0.35	0.77
1-1/8 1-3/16 1-1/4	SBPR206-18 206-19 206-20	1-9/16	5-1/16	4-3/16	1-5/8	7/16	3/16	3-1/16	1.1811	0.315	3/8	SB206-18 206-19 206-20	PE207	R-7	0.48	1.06

SAPR200-SERIES

ECCENTRIC LOCKING COLLAR TYPE

Shaft Dia. in	REI Unit No.	Dimensions (in.)										Bolt Used in	Bearing NO.	Housing No.	Rubber Ring No.	Weight	
		h	a	e	b	s	g	w	L	n	K					kg	lbs.
1/2 5/8	SAPR201-8 202-10	1	3-7/8	3	1-1/4	23/64	3-32	1-31/32	1.1260	0.256	1-1/8	5/16	SA201-8 202-10	PE204	R-4	0.21	0.46
3/4	SAPR204-12	1-1/8	4-1/4	3-3/8	1-1/4	7-16	1/8	2-7/32	1.2205	0.295	1-1/4	3/8	SA204-12	PE205	R-5	0.26	0.57
7/8 15/16 1	SAPR205-14 205-15 205-16	1-5/16	4-5/8	3-3/4	1-1/2	7/16	5/32	2-19/32	1.2205	0.295	1-1/2	3/8	SA205-14 205-15 205-16	PE206	R-6	0.38	0.84
1-1/8 1-3/16 1-1/4	SAPR206-18 206-19 206-20	1-9/16	5-1/16	4-3/16	1-5/8	7/16	3/16	3-1/16	1.4055	0.354	1-3/4	3/8	SA206-18 206-19 206-20	PE207	R-7	0.55	1.21

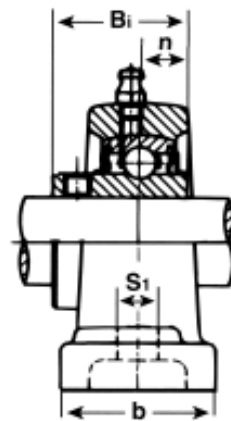
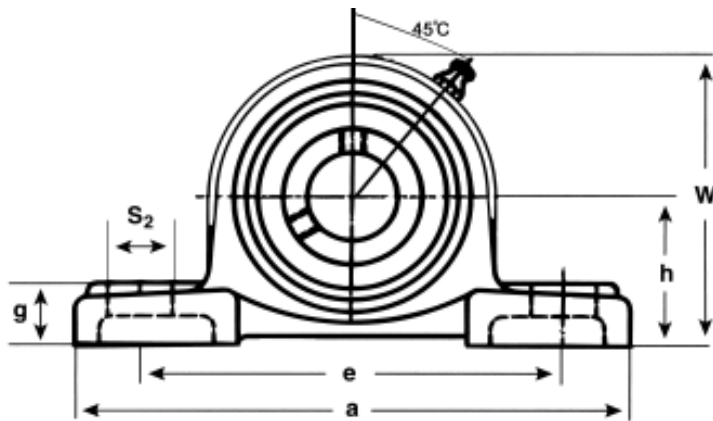


STAINLESS STEEL MOUNTED UNITS

SUCSP 200 SUCSP 200 SERIES



Seal type



Bearing Unit	Shaft Diameter		DIMENSION (IN) OR (MM)										BOLT USED		Bearing	Housing	Wt (kg)
	d (in)	d (mm)	h	a	e	b	S2	S1	g	w	ℓ	n	in	m m			
SUCSP204-12 SUCSP204	3/4	20	1-5/16 33.3	5 127	3-3/4 95	1-1/2 38	3/4 19	1/2 13	1/2 13	2-9/16 65	1.2205 31	0.5000 12.7	3/8	M10	SUC204-12 SUC204	SP204	0.7
SUCSP205-16 SUCSP205	1	25	1-7/16 36.5	5-1/2 140	4-1/8 105	1-1/2 38	3/4 19	1/2 13	19/32 15	2-25/32 71	1.3425 34.1	0.5630 14.3	3/8	M10	SUC205-16 SUC205	SP205	0.85
SUCSP206-19 206-20 SUCSP206	1-3/16 1-1/4	30	1-11/16 42.9	6-1/2 165	4-3/4 121	1-7/8 48	25/32 20	21/32 17	21/32 17	3-5/16 84	1.5000 38.1	0.6260 15.9	1/2	M14	SUC206-19 206-20 SUC206	SP206	1.2
SUCSP207-20 207-22 207-23 SUCSP207	1-1/4 1-3/8 1-7/16	35	1-7/8 47.6	6-9/16 67	5 127	1-7/8 48	25/32 20	21/32 17	3/4 19	3-21/32 98	1.6890 42.9	0.6890 17.5	1/2	M14	SUC207-20 207-22 207-23 SUC207	SP207	1.7
SUCSP208-24 SUCSP208	1-1/2	40	1-15/16 49.2	7-1/4 184	5-13/32 137	2-1/8 54	25/32 20	21/32 17	25/32 20	3-27/32 98	1.9370 49.2	0.7480 19	1/2	M14	SUC208-24 SUC208	SP208	2.1
SUCSP209-28 SUCSP209	1-3/4	45	2-1/8 54	7-15/32 190	5-3/4 146	2-1/8 54	25/32 20	21/32 17	25/32 20	4-3/16 106	1.937 49.2	0.7480 19	1/2	M14	SUC209-28 SUC209	SP209	2.4
SUCSP210-31 210-32 SUCSP210	1-15/16 2	50	2-1/4 57.2	8-1/8 206	6-1/4 159	2-3/8 60	7/8 22	25/32 20	7/8 22	4-31/64 114	2.0315 51.6	0.7480 19	5/8	M16	SUC210-31 210-32 SUC210	SP210	2.9
SUCSP211-35 SUCSP211	2-3/16	55	2-1/2 63.5	8-5/8 219	6-23/32 171	2-3/8 60	7/8 22	25/32 20	7/8 22	4-29/32 125	2.1890 55.6	0.8740 22.2	5/8	M16	SUC211-35 SUC211	SP211	3.7
SUCSP212-39 SUCSP212	2-7/16	60	2-3/4 69.8	9-1/2 241	7-1/4 184	2-3/4 70	1 25	25/32 20	1 25	5-7/16 138	2.5630 65.1	1.0000 25.4	5/8	M16	SUC212-39 SUC212	SP212	4.9

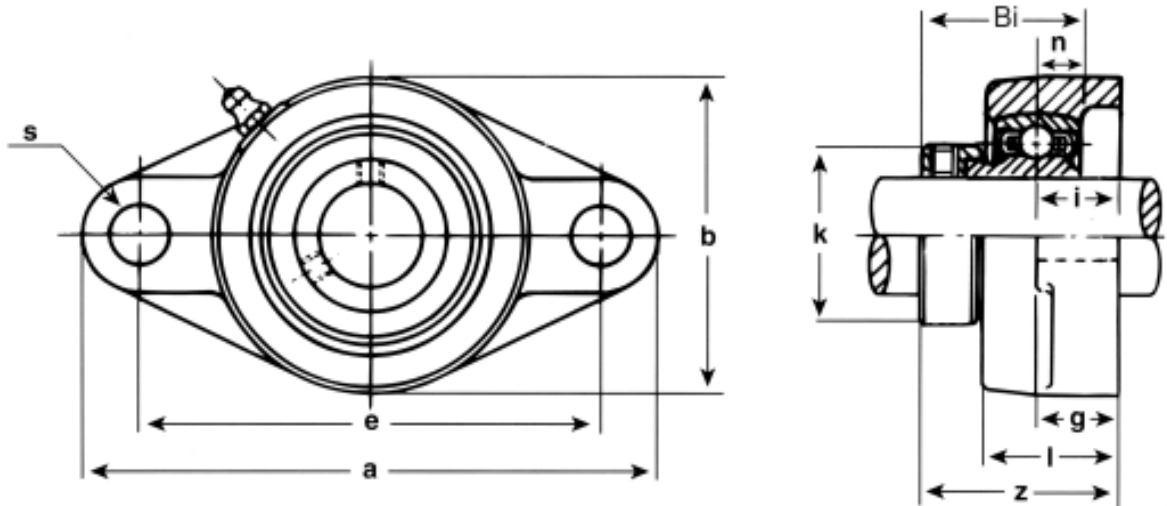
STAINLESS STEEL MOUNTED UNITS



SUCSFL200 SERIES



Seal type



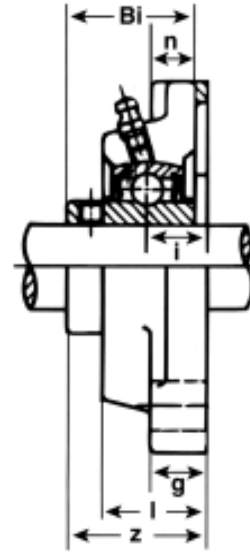
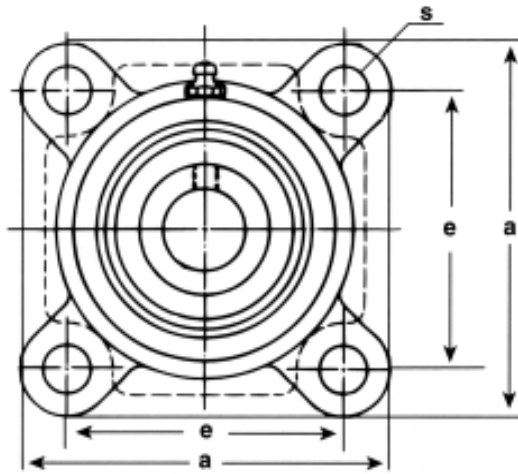
SUCSFL200 SERIES

Bearing Unit	Shaft Dia.		Dimensions (in) or (mm) .										Bolt Used		Bearing	Housing	Wt (Kg)
	b (in)	(mm)	a	e	i	g	l	s	b	z	H	n	in	mm			
SUCSFL204-12 SUCSFL204	3.4	20	4-29/64 113	3-35/64 96	19/32 15	7/16 11	1 25	15/32 12	2-23/64 60	1-5/16 33.3	1.2205 31	0.5000 12.7	3/8	M10	SUC 204-12 UC 204	SFL204	0.63
SUCSFL205-16 SUCSFL205	1	25	5-1/8 130	3-57/64 99	5/8 16	33/64 13	1-1/16 27	5/8 16	2-43/64 68	1-13/32 35.8	1.3425 34.3	0.5638 14.3	1/2	M14	SUC 205-16 UC 205	SFL205	
SUCSFL206-19 206-20 SUCSFL206	1-3/16 1-1/4	30	5-23/64 148	4-39/64 117	45/64 18	33/64 13	1-7/32 31	5/8 16	3-5/32 80	1-37/64 40.2	1.5000 38.1	0.6260 15.9	1/2	M14	SUC 206-18 SUC 206-20 UC 205	SFL206	0.85
SUCSFL207-20 207-22 207-23 SUCSFL207	1-1/4 1-3/8 1-7/16	35	6-11/32 161	5-1/8 130	3/4 19	5/8 16	1-11/32 34	1-11/32 34	3-5/64 90	1-3/4 44.4	1.6890 42.9	0.6800 17.5	1/2	M14	SUC 207-20 SUC 207-22 SUC 207-23 UC 207	SFL207	1.2 1.6
SUCSFL208-24 SUCSFL208	1-1/2	40	6-57/64 175	5-43/64 144	53/64 21	5/8 16	1-27/64 36	5/8 16	3-15/16 100	2-1/64 52.2	1.9370 49.2	0.7480 19	1/2	M14	SUC 208-24 UC 208	SFL208	1.9
SUCSFL209-28 SUCSFL209	1-3/4	45	7-13/32 188	5-53/64 148	55/64 22	5/8 16	1-1/2 38	5/8 16	4-1/4 108	2-1/16 52.2	1.9320 49.2	0.7480 19	1/2	M14	SUC 209-25 UC 209	SFL209	
SUCSFL210-31 210-32 SUCSFL210	1-15/16 2	50	7-3/4 197	6-3/16 157	55/64 22	5/8 16	1-37/64 40	3/4 19	4-17/32 115	2-5/32 54.6	2.0315 51.6	0.7480 19	5/8	M16	SUC 210-25 210-27 UC 210	SFL210	2.3



STAINLESS STEEL MOUNTED UNITS

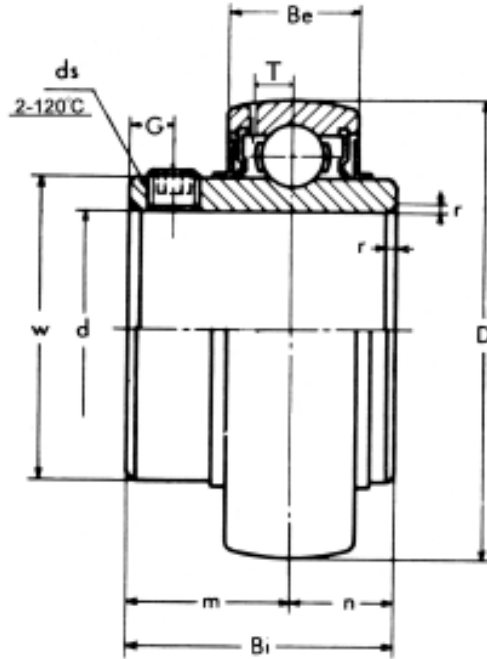
SUCSF200 SERIES



SUCSF200 SERIES

Bearing Unit	Shaft Dia.												Bolt Used		Bearing	Housing	Wt (Kg)
	b		a	e	i	g	l	s	z	H	n	n	m m				
	(in)	(mm)															
SUCSF204-12 SUCSF204	3/4	20	3-3/8 86	2-1/2 64	19/32 15	7/16 11	1 25	15/32 12	1-5/16 33.3	1.2205 31	0.5000 12.7	3/8	M10	SUC204-12 SUC204	SF204	0.6	
SUCSF205-16 SUCSF205	1	25	3-3/4 95	2-3/4 70	5/8 16	1/2 13	1-1/16 27	15/32 12	1-13/32 35.8	1.3425 34.1	0.3630 14.3	3/8	M10	SUC205-16 SUC205	SF205	0.86	
SUCSF206-19 SUCFS206-20 SUCSF206	1-3/16 1-1/4	30	4-1/4 108	3-1/4 83	45/64 18	1/2 13	1-7/32 31	15/32 12	3-19/32 40.2	1.5000 38.1	0.6260 15.9	3/8	M10	SUC206-18 206-20 SUC205	SF206	1.1	
SUCSF207-20 SUCFS207-22 SUCFS207-23 SUCSF207	1-1/4 1-3/8 1-7/16	35	4-19/32 117	3-5/8 92	3/4 19	19/32 15	1-11/32 34	35/64 14	1-3/4 44.4	1.6800 42.9	0.6890 17.5	7/16	M12	SUC207-20 SUC207-22 SUC207-23 SUC207	SF207	1.6	
SUCSF208-24 SUCSF208	1-1/2	40	5-1/8 130	4-1/64 102	53/64 21	19/32 15	1-13/32 36	5/8 16	2-1/64 51.2	1.9370 49.2	0.7480 19	1/2	M14	SUC208-24 SUC208	SF208	1.9	
SUCSF209-28 SUCSF209	1-3/4	45	5-13/32 137	4-1/8 105	55/64 22	5/8 16	1-1/2 38	5/8 18	2-1/16 52.2	1.9370 49.2	0.7480 19	1/2	M14	SUC209-25 SUC209	SF209	2.4	
SUCSF210-31 SUCFS210-32 SUCSF210	1-15/16 2	50	5-5/8 143	4-3/8 111	55/64 22	5/8 16	1-9/16 40	5/8 18	2-5/32 54.6	2.0315 51.6	0.7480 19	1/2	M14	SUC210-25 210-27 SUC210	SF210	2.6	
SUCSF211-33 SUCSF208	1-1/2	40	6-3/8 162	5-1/8 130	63/64 25	23/32 18	1-11/18 43	3/4 19	2-5/16 58.4	2.18903 55.6	0.8740 22.5	5/8	M16	SUC208-24 SUC208	SF211	3.5	
SUCSF212-35 SUCSF209	1-3/4	45	6-7/8 175	5-5/8 143	1-9/64 29	23/32 18	1-7/8 48	3/4 19	2-23/32 68.7	2.5630 65.1	1.0000 25.4	5/8	M16	SUC209-25 SUC209	SF212	4.2	

STAINLESS STEEL INSERTS

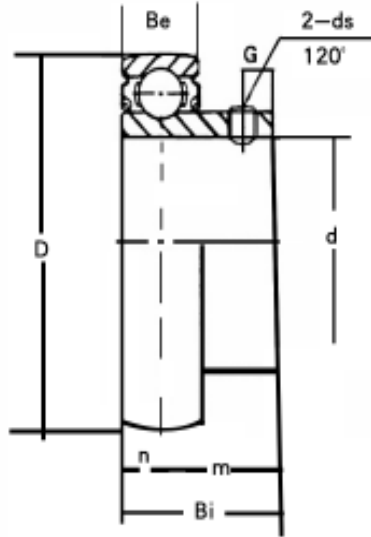


SUC200 SERIES

Bearing No	Bore Dia		Dimensions (mm)									Basic Dynamic Load Rating I_s	Basic Static Load Rating I_{s0}	Weight I_w
	d		D	\bar{H}	B_e	r	n	m	G	d_s	T			
	(in)	(mm)												
SUC204-12 204	3.4	20	1.8504 47	1.2205 31	0.6693 17	0.039 1	0.5000 12.7	0.7205 18.3	0.1969 5	1.4-28 M6 j \bar{A} 0.75	0.4456 3.7	2224	1498	0.35 0.35
SUC205-16 SUC205	1	25	2.0472 52	1.3425 34.1	0.6693 17	0.059 1.5	0.5630 14.3	0.7795 19.8	0.1969 5	1.4-28 M6 j \bar{A} 0.75	0.1535 3.9	2423	1762	0.42 0.42
SUC206-19 206-20 SUC206	1-3/16 1-1/4	30	2.4409 62	1.5000 38.1	0.7480 19	0.059 1.5	0.6260 15.9	0.8740 22.2	0.1969 5	1.4-28 M6 j \bar{A} 0.75	0.1969 5	3371	2533	0.70 0.68 0.68
SUC207-20 207-22 207-23 SUC207	1-1/4 1-3/8 1-7/16	35	2.8346 72	1.6890 42.9	0.7874 20	0.079 2	0.6890 17.5	1.0000 25.4	0.2360 6	5.16-24 M8 j \bar{A} 1	0.2244 5.7	4427	3436	1.15 1.06 1.01 1.01
SUC208-24 SUC208	1-1/2	40	3.1496 80	1.9670 49.2	0.8270 24	0.079 2	0.7480 19	1.1890 30.2	0.3150 8	5.16-24 M8 j \bar{A} 1	0.2440 6.2	5022	4008	1.50 1.39
SUC209-28 SUC209	1-3/4	45	3.3465 85	1.9370 49.2	0.8661 22	0.079 2	0.7480 19	1.1890 30.2	0.3150 8	5.16-24 M8 j \bar{A} 1	0.2519 6.4	5661	4581	1.54 1.50
SUC210-31 210-32 SUC210	1-15/16 2	50	3.5433 90	2.0315 51.6	0.9449 24	0.079 2	0.7480 19	1.2835 32.6	0.3973 10	3.8-24 M10 j \bar{A} 1.25	0.2559 6.5	6057	5220	1.76 1.72 1.72
SUC211-35 SUC211	2-3/16	55	3.9370 100	2.4890 55.6	0.9843 25	0.098 2.5	0.8740 22.2	1.3150 33.4	0.3973 10	3.8-24 M10 j \bar{A} 1.25	0.2755 7	7499	5616	2.31 2.36
SUC212-39 SUC212	2-7/16	60	4.3307 110	2.5630 65.1	1.0630 27	0.098 2.5	1.0000 25.4	1.5630 39.7	0.3973 10	3.8-24 M10 j \bar{A} 1.25	0.2992 7.6	9031	6938	3.13 3.36



STAINLESS STEEL INSERTS



SSB200 SERIES

Bearing No	Bore Dia		Dimensions (in) or (mm)							Basic Dynamic Load Rating lbs	Basic Static Load Rating lbs	Weight lbs
	d		Be	D	H	n	m	G	ds			
	(in)	(mm)										
SSB204-12 SSB204	3/4	20	0.5512 14	1.8504 47	0.9840 25	0.2756 7	0.7080 18	0.1772 4.5	1/4-28 M6 j \sqrt{A} 0.75	225	1498	0.26 0.26
SSB205-16 SSB205	1	25	0.5906 15	2.0472 52	1.0630 27	0.2953 7.5	0.7677 19.5	0.1969 5	1/4-28 M6 j \sqrt{A} 0.75	2423	1762	0.35 0.37
SSB206-19 SSB206-20 SSB206	1-3/16 1-1/4	30	0.6299 16	2.4409 62	1.1811 30	0.3150 8	0.8661 22	0.2170 5.5	1/4-28 M6 j \sqrt{A} 0.75	3370	2533	0.55 0.51 0.55
SSB207-20 SSB207-22 SSB207-23 SSB207	1-1/4 1-3/8 1-7/16	35	0.6693 17	2.8346 72	1.2598 32	0.3346 8.5	0.9252 23.5	0.2362 6	5/16-24 M8 j \sqrt{A} 1	4427	3436	0.91 0.81 0.77 0.81
SSB208-24 SSB208	1-1/2	40	0.7087 18	3.1496 80	1.3386 34	0.3543 9	0.9843 25	0.3150 8	5/16-24 M8 j \sqrt{A} 1	5022	4009	1.06 0.99
SSB209-28 SSB209	1-3/4	45	0.7480 19	3.3465 85	1.6220 41.2	0.4016 10.2	1.2205 31	0.3150 8	5/16-24 M8 j \sqrt{A} 1	5661	4581	1.76 1.76
SSB210-31 SSB210-32 SSB210	1-15/16 2	50	0.7474 20	3.5433 90	1.7126 43.5	0.4291 10.9	1.2835 32.6	0.3543 9	5/16-24 M8 j \sqrt{A} 1	6057	5220	1.92 1.92 1.92

Standard Lubrication for the vast majority of RBI bearings is Chevron SRI #2. Standard fill is 25-35% of the internal bearing void. Many other greases are available through special order. Contact your RBI sales representative for help and guidance in choosing bearing lubrication for special application bearings.

COMMON LUBRICANTS

Company	Product	Temperature Range(°F)	Base Oil	Thickener
Chevron	SRI-2	-20 to 350	Petroleum	Polyurea
DowCorning	DC 44	-40 to 400	Silicone	Lithium
Exxon	Andoc C	-20 to 250	Petroleum	Sodium
Exxon	Beacon 325	-65 to 250	Diester	Lithium
Kyodo Yushi	MultempSRL	-40 to 300	Ester	Lithium
Mobil	Mobil 28	-65 to 350	Synthetic (PAO)	Clay (Bentonite)
Mobil	Polyrex EM	-40 to 350	Mineral	Diurea
Shell	Alvania RL2	-30 to 275	Petroleum	Lithium
Shell	Dolium R	-40 to 300	Petroleum	Synthetic



BEARING TOLERANCES

ABEC 1 TOLERANCES

INNER RING TOLERANCES

B O R E D T A M E T E R		T O L E R A N C E			
Over(mm)	Including(mm)	Over(Inch)	Including(Inch)	Millimeters(+.00)	Inches(+.00)
2.5	10	.0984	.3937	-.008	-.0003
10	18	.3937	.7087	-.008	-.0003
18	30	.7087	1.1811	-.010	-.0004
30	50	1.1811	1.9685	-.012	-.0005
50	80	1.9685	3.1496	-.015	-.0006
80	120	3.1496	4.7244	-.020	-.0008
120	150	4.7244	5.9055	-.025	-.0010
150	180	5.9055	7.0866	-.025	-.0010
180	250	7.0866	9.8425	-.030	-.0012

INNER RING TOLERANCES

B O R E D T A M E T E R		T O L E R A N C E			
Over(mm)	Including(mm)	Over(Inch)	Including(Inch)	Millimeters(+.00)	Inches(+.00)
6	18	.2362	.7087	-.008	-.0003
18	30	.7087	1.1811	-.009	-.0004
30	50	1.1811	1.9685	-.011	-.0005
50	80	1.9685	3.1496	-.013	-.0005
80	120	3.1496	4.7244	-.015	-.0006
120	150	4.7244	5.9055	-.018	-.0007
150	180	5.9055	7.0866	-.025	-.0010
180	250	7.0866	9.8425	-.030	-.0012
250	315	9.8425	12.4016	-.035	-.0014

BEARING TOLERANCES



ABEC 1 TOLERANCES

- *Tolerance applies to single-row and double-row radial ball bearings only
- *All tolerances are in ten-thousandths inches (.0001") shaded and micrometers (0.01 mm)
- *Tolerances in micrometers (um) are one millionth of a meter or one thousandth of a millimeter
- *Bore tolerance limits do not apply to inner rings with tapered bores

RING WIDTH TOLERANCES

RING WIDTH		TOLERANCE			
Over(mm)	Including(mm)	Over(Inch)	Including(Inch)	Millimeters(+.00)	Inches(+.00)
2.5	10	.0984	.3937	-.120	-.0047
10	18	.3937	.7087	-.120	-.0047
18	30	.7087	1.1811	-.120	-.0047
30	50	1.1811	1.9685	-.120	-.0047
50	80	1.9685	3.1496	-.150	-.0059
80	120	3.1496	4.7244	-.200	-.0079
120	150	4.7244	5.9055	-.250	-.0098
150	180	5.9055	7.0866	-.250	-.0098
180	250	7.0866	9.8425	-.300	-.0118



BEARING CLEARANCE

For applications with pure radial loads, a low contact angle or lesser radial play, is best. For applications where the bearing will see thrust loads as well as radial loads, a higher contact angle or play will become necessary.

If the application requires a press fit or interference fit on either the inner ring or the outer ring, or in some cases both, care must be taken to assure that all of the bearings internal clearance is not taken up by the press fits.

INTERNAL CLEARANCES

BORE DIAMETER d		C2-LESS THAN STANDARD		CO- STANDARD		C3-GREATER THAN STANDARD		C4-GREATER THAN C3			
Millimeter	Inches	C L		E A R A N		C E -- INCHES					
Over	Inc.	Over	Inc.	LOW	HIGH	LOW	HIGH	LOW	HIGE	LOW	HIGE
-	2.5	-	.0984	-	.00024	.0001	.0004	.0004	.0007	-	-
2.5	10	.0984	.3937	-	.00028	.0001	.0008	.0003	.0009	.0006	.0011
10	18	.3937	.7087	-	.00035	.0001	.0007	.0004	.0010	.0007	.0013
18	24	.7087	.9449	-	.00039	.0002	.0008	.0005	.0011	.0008	.0014
24	30	.9449	1.1811	-	.00043	.0002	.0008	.0005	.0011	.0009	.0016
30	40	1.1811	1.5748	-	.00043	.0002	.0008	.0006	.0013	.0011	.0018
40	50	1.5748	1.9685	-	.00043	.00025	.0009	.0007	.0014	.0012	.0020
50	65	1.9685	2.5591	-	.00059	.00035	.0011	.0009	.0017	.0015	.0024
65	80	2.5591	3.1496	-	.00059	.0004	.0012	.0010	.0020	.0018	.0028
80	100	3.1496	3.9370	-	.00071	.00045	.0014	.0012	.0023	.0021	.0033
100	120	3.9370	4.7244	-	.00079	.0006	.0016	.0014	.0026	.0024	.0038
120	140	4.7244	5.5118	-	.00091	.0007	.0019	.0016	.0032	.0028	.0045
140	160	5.5118	6.2992	-	.00091	.0007	.0021	.0018	.0036	.0032	.0051
160	180	6.2992	7.0866	-	.00098	.0008	.0024	.0021	.0040	.0036	.0058
180	200	7.0866	7.8740	-	.00118	.0010	.0028	.0025	.0046	.0042	.0064

DECIMAL AND METRIC EQUIVALENTS



INCHES		MILLI METERS	INCHES		MILLI METERS	INCHES		MILLI METERS
FRACTIONS	DECIMALS		FRACTIONS	DECIMALS		FRACTIONS	DECIMALS	
	.00394	.1		.28125	7.1438	$\frac{21}{32}$	.65625	16.6688
	.00787	.2		.296875	7.5406		.66929	17.00
	.01181	.3	$\frac{5}{16}$	.3125	7.9375	$\frac{43}{64}$	.671875	17.0657
$\frac{1}{64}$	.015625	.3969		.31496	8.00	$\frac{11}{16}$	.6875	17.4625
	.01575	.4		.328125	8.3344	$\frac{45}{64}$	.703125	17.8594
	.01969	.5	$\frac{11}{32}$	.34375	8.7313		.70866	18.00
	.02362	.6		.35433	9.00	$\frac{23}{32}$	.71875	18.2563
	.02756	.7		.359375	9.1281	$\frac{47}{64}$	.734375	18.6532
$\frac{1}{32}$	.03125	.7938	$\frac{3}{8}$	.375	9.525		.74803	19.00
	.0315	.8		.390625	9.9219	$\frac{3}{4}$	.7500	19.05
	.03543	.9		.3937	10.00	$\frac{49}{64}$	.765625	19.4469
	.03937	1.00		.40625	10.3188	$\frac{25}{32}$	.78125	19.8438
$\frac{3}{64}$	.046875	1.1906	$\frac{13}{32}$	.421875	10.7156		.7874	20.00
$\frac{1}{16}$	.0625	1.5875	$\frac{27}{64}$	.4331	11.00	$\frac{51}{64}$	.796875	20.2407
	.078125	1.9844	$\frac{7}{16}$	.4375	11.1125	$\frac{13}{16}$	.8125	20.6375
$\frac{5}{64}$	.0874	2.00		.453125	11.5094		.82677	21.00
$\frac{3}{32}$	.09375	2.3813	$\frac{15}{32}$	.46875	11.9063	$\frac{53}{64}$	.828125	21.0344
$\frac{7}{64}$	.109375	2.7781		.47244	12.00	$\frac{27}{32}$	.84375	21.4313
	.11811	3.00		.484375	12.3031	$\frac{55}{64}$	.859375	21.8282
$\frac{1}{8}$	.125	3.175	$\frac{1}{2}$	.5000	12.70		.86614	22.00
	.140625	3.5719		.51181	13.00	$\frac{7}{8}$	.875	22.225
$\frac{9}{64}$	.15625	3.9688		.515625	13.0969		.890625	22.6219
$\frac{5}{32}$	.15748	4.00	$\frac{17}{32}$	.53125	13.4938	$\frac{57}{64}$	.90551	23.00
	.171875	4.3656		.546875	13.8907	$\frac{29}{32}$	.90625	23.0188
$\frac{11}{64}$	.1875	4.7625	$\frac{35}{64}$	.55118	14.00		.921875	23.4157
	.19685	5.00	$\frac{9}{16}$	.5625	14.2875	$\frac{59}{64}$	.9375	23.8125
$\frac{13}{64}$	.203125	5.1594		.578125	14.6844	$\frac{15}{16}$	.94488	24.00
$\frac{7}{32}$	.21875	5.5563	$\frac{37}{64}$	.59055	15.00		.953125	24.2094
	.234375	5.9531		.59375	15.0813	$\frac{61}{64}$	.96875	24.6063
$\frac{15}{64}$	.23622	6.00	$\frac{19}{32}$	.609375	15.4782	$\frac{31}{32}$	.98425	25.00
	.2500	6.35	$\frac{39}{64}$	.625	15.875		.984375	25.0032
$\frac{1}{4}$	.265625	6.7469	$\frac{5}{8}$	.62992	16.00	$\frac{63}{64}$	1.0000	25.4001
$\frac{17}{64}$	.27559	7.00		.640625	16.2719	1		
			$\frac{41}{64}$					



METRIC CONVERSIONS

<u>MULTIPLY</u>	<u>BY</u>	<u>TO OBTAIN</u>
Celsius temperature(t_c)	$9/5(t_c)+32=t_f$	Fahrenheit Temperature(t_f)
Centimeter(cm)	.3937	Inch(in)
Centimeter(cm)	10	Millimeter(mm)
Dyne	.0001	Newton(N)
Dyne-Centimeter	.0000001	Newton-meter(N-m)
Fahrenheit Temperature(t_f)	$9/5(t_f)-32=t_c$	Celsius Temperature(t_c)
Foot(ft)	30.48	Centimeter(cm)
Foot(ft)	.3048	Meter(m)
Gallon,U.S.liquid(gal)	3.785412	Liter(l)
Gram(g)	.03527397	Ounce(oz)
Horsepower(hp)	.7456999	Kilowatt(kW)
Horsepower(hp)	7456999	Watt(W)
Inch(in)	2.540	Centimeter(cm)
Inch(in)	.0254	Meter(m)
Inch(in)	25.4	Millimeter(mm)
Joule(J)	.009478170	British thermal unit(Btu)
Kilogram(kg)	2.20	Pound(lb)
Kilogram-force(kgf)	9.80665	Newton(N)
Kilometer(km)	.6213712	Mile
Liter(l)	.3531466	Cubic foot(ft ³)
Liter(l)	.001	Cubic meter(m ³)
Liter(l)	.2641720	Gallon,U.S liquid
Meter(m)	39.37008	Inch(in)
Meter(m)	3.280840	Foot(ft)
Meter(m)	1.0936	Yard(yd)
Micron(um)	1000	Millimeter(mm)
Micron(um)	10 ⁶	Meter(m)
Mile	1.609344	kilometer(km)
Millimeter(mm)	.03937008	Inch(in)
Millimeter(mm)	.003280840	Foot(ft)
Newton(N)	.2248	Pound-force(lbf)
Ounce(oz)	28.3495	Gram(g)
Pound(lb)	.453592	kilogram(kg)
Pound-force(lbf)	4.448	Newton(N)
Yard(yd)	.9144	Meter(m)

Basic Dynamic Load Rating (C_r) – Value of load that a bearing can carry 1,000,000 with 90% reliability. For radial bearings, the rating is based on the amount of radial load that a bearing can tolerate for 500 hours at $33^{1/3}$ rpm. For stainless steel bearings, the basic dynamic load ratings are approximately 75% of the load ratings for 52100 chrome steel bearings.

Basic Static Load Rating (C_{or}) – Static radial load which corresponds to a calculated contact stress at the center of the most heavily loaded rolling element/raceway contact. For stainless steel bearings, the basic static load ratings are approximately 75% of the load ratings for 52100 chrome steel bearings.

Equivalent Dynamic Load (P) – Load that is placed on the bearing during application. It is based on the combination of simultaneous radial and axial forces exerted on the bearing.

Basic Rated Life – Amount of hours a bearing can operate given rotating speed and loading conditions

L10 Life Rating – Amount of operating hours in which 90% of identical bearings subjected to identical operating conditions will attain (or surpass) before bearing failure

$$L_{10} = (16667 / n) \times (C_r / P)^K$$

L_{10} = Basic Life (hours)

n = Speed of Rotation (rotations per minute)

C_r = Dynamic Load Rating (N or lbf)

P = Equivalent Load (N or lbf)

K = Bearing Coefficient (Ball Bearings = 3, Roller Bearings = 10/3)



LUBRICATION

Lubrication is necessary to ensure proper bearing performance. Grease lubricants are comprised of both a base oil and thickener. Oil lubricants do not contain a thickening agent. Thickeners act as a sponge that retains the base oil and keeps it in place. A large assortment of additives can be added to the thickener to add several benefits such as inhibiting rust, ability to handle extreme pressure, preventing oxidation, etc. Typically, greases will have a semi-solid to solid consistency that allows it to stay in place within the bearing longer than oil. It is in this aspect that grease holds an advantage over oil. The typical grease fill within our bearings is between 25 and 35 percent. A minimum grease amount is important to allow for the bearing to remain lubricated throughout its entire service life. A limit must, however be placed on how much grease is used because an excessive volume of grease can lead to a dramatic increase in heat generation during operation if higher speeds are required. For extreme operating conditions, contact the engineering department for recommendations on grease fill. Information regarding some of our commonly used greases can be found in the table below.

Table 1. Common lubricants and their properties.

Product	Company	Base Oil	Thickener	Min Temp [°F]	Min Temp [°F]	Dropping Point [°F]	cSt at 40 ° C	cSt at 100 ° C	Color
Alvania RL2	Shell	Petroleum	Lithium	-29	275	385	98.0	9.40	Amber
Beacon 325	Exxon	Diester	Lithium	-58	248	356	11.8	3.25	Tan
DC44	Dow Corning	Silicone	Lithium	-40	400	400	88.0	22.00	Brown/Amber
Dolium BRB	Shell	Mineral	Polyurea	-40	302	500	129.0	12.90	Purple
Mobil 28	Mobil	PAO	Bentonite	-80	351	500	40.0	28.00	Red
Mobil Polyrex EM2	Mobil	Mineral	Polyurea	-20	350	550	115.0	12.20	Blue
Multemp SRL	Kyodo Yushi	Ester	Lithium	-40	302	375	37.8	28.6	White
SRI-2	Chevron	Mineral	Polyurea	-22	350	470	116.0	12.30	DarkGreen

FIT SELECTION FOR STANDARD DEEP GROOVE RADIAL BALL BEARINGS



For our standard deep groove radial ball bearings, understanding the magnitude and type of load being applied to the bearing during operation is important in deciding the proper shaft or housing fit for the given application. Table 2 shows the recommended shaft fits for a variety of load magnitudes and types, for a given bore diameter. Table 3 shows the inch and metric shaft fits for standard ABEC 1 bearings. Table 4 shows the recommended housing fits a variety of load magnitudes and types. Table 5 shows the inch and metric housing fits for standard ABEC 1 bearings. The recommendations serve only as guidelines and customers should consult engineering to find the proper fits for their application.

Table 2. Recommended shaft fits.

Design and Operation Conditions			Ball Bearings		
Rotational Conditions	Inner Ring Axial Displaceability	Radial Loading	Bore Diameter mm (Inches)		FIT
			Over	Incl	
Inner Ring Rotating in relation to Load Direction -or- Load Direction is Indeterminate		Light	0	18 (0.7087)	H5
			18 (0.7087)	ALL	J6
		Normal	0	18 (0.7087)	J5
			18 (0.7087)	ALL	K5
		Heavy	18 (0.7087)	100 (3.9370)	K5
			100 (3.9370)	ALL	M5
Inner Ring Stationary in Relation to Load Direction	Inner Ring must be easily axially displaceable	Light	All Sizes		G6
		Normal			
		Heavy			
	Inner Ring need not be easily axially displaceable	Light	All Sizes		H6
		Normal			
		Heavy			
Pure Thrust (Axial) Load			All Sizes		J6

Light $P \leq 0.06 * Cr$
 Normal $0.06 * Cr \leq P < 0.12 * Cr$
 Heavy $P > 0.12 * Cr$



FIT SELECTION FOR STANDARD DEEP GROOVE RADIAL BALL BEARINGS

Table 3. ABEC 1 Shaft fits.

Dimensions in mm, Dev and Fits in μm																		
Bore Diameter			g6		h6		h5		j5		j6		k5		m5		m6	
Over	Incl	Dev	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit
3	6	0 -8	-4 -12	12 L 4 T	0 -8	8 L 8 T	0 -5	5 L 8 T	3 -2	2 L 11 T	6 -2	2 L 14 T	6 1	1 T 14 T	9 4	4 T 17 T	-	-
6	10	0 -8	-5 -14	14 L 3 T	0 -9	9 L 8 T	0 -6	6 L 8 T	4 -2	2 L 12 T	7 -2	2 L 15 T	7 1	1 T 15 T	12 6	6 T 20 T	-	-
10	18	0 -8	-6 -17	17 L 2 T	0 -11	11 L 8 T	0 -8	8 L 8 T	5 -3	3 L 13 T	8 -3	3 L 16 T	9 1	1 T 17 T	15 7	7 T 23 T	-	-
18	30	0 -10	-7 -20	20 L 3 T	0 -13	13 L 10 T	-	-	5 -4	4 L 15 T	9 -4	4 L 19 T	11 2	2 T 21 T	17 8	8 T 27 T	-	-
30	50	0 -12	-9 -25	25 L 3 T	0 -16	16 L 12 T	-	-	6 -5	5 L 18 T	11 -5	5 L 23 T	13 2	2 T 25 T	20 9	9 T 32 T	2.5	9 T
50	120	0 -15	-10 -29	29 L 5 T	0 -19	19 L 15 T	-	-	6 -7	7 L 21 T	12 -7	7 L 27 T	15 2	2 T 30 T	24 11	11 T 39 T	30	11 T
120	180	0 -20	-12 -34	34 L 8 T	0 -22	22 L 20 T	-	-	6 -9	9 L 26 T	13 -9	9 L 33 T	18 3	3 T 38 T	28 13	13 T 48 T	3.5	1.3 T
180	200	0 -25	-14 -39	39 L 11 T	0 -25	25 L 25 T	-	-	7 -11	11 L 32 T	14 -11	11 L 39 T	21 3	3 T 46 T	33 15	15 T 58 T	4.0	1.5 T
200	225	0 -30	-15 -44	44 L 15 T	0 -29	29 L 30 T	-	-	7 -13	13 L 37 T	16 -13	13 L 46 T	24 4	4 T 54 T	37 17	17 T 67 T	4.6	1.7 T
225	250	0 -30	-15 -44	44 L 15 T	0 -29	29 L 30 T	-	-	7 -13	13 L 37 T	16 -13	13 L 46 T	24 4	4 T 54 T	37 17	17 T 67 T	4.6	1.7 T
Dimensions in mm, Dev and Fits in μm																		
Bore Diameter			g6		h6		h5		j5		j6		k5		m5		m6	
Over	Incl	Dev	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit
0.118	0.236	0 -3	6 -2	2 L 14 T	6 1	1 L 14 T	9 4	4 T 17 T	-	-	-2 -5	5 L 1 T	0 -3	3 L 3 T	0 -2	2 L 3 T	1 -1	1 L 4 T
0.236	0.394	0 -3	7 -2	2 L 15 T	7 1	1 L 15 T	12 6	6 T 20 T	-	-	-2 -6	6 L 1 T	0 -4	4 L 3 T	0 -2	2 L 3 T	2 -1	1 L 5 T
0.394	0.709	0 -3	8 -3	3 L 16 T	9 1	1 L 17 T	15 7	7 T 23 T	-	-	-2 -7	7 L 1 T	0 -4	4 L 3 T	0 -3	3 L 3 T	2 -1	1 L 5 T
0.709	1.181	0 -4	9 -4	4 L 19 T	11 2	2 L 21 T	17 8	8 T 27 T	-	-	-3 -8	8 L 1 T	0 -5	5 L 4 T	-	-	2 -2	2 L 6 T
1.181	1.969	0 -5	11 -5	5 L 23 T	13 2	2 L 25 T	20 9	9 T 32 T	25 9	9 T 37 T	-4 -10	10 L .5 T	0 -6	6 L 4.5 T	-	-	2 -2	2 L 6.5 T
1.969	4.724	0 -6	12 -7	7 L 27 T	15 2	2 L 30 T	24 11	11 T 39 T	30 11	11 T 45 T	-4 -11	11 L 2 T	0 -7	7 L 6 T	-	-	2 -3	3 L 8 T
4.724	7.087	0 -8	13 -9	9 L 33 T	18 3	3 L 38 T	28 13	13 T 48 T	35 13	13 T 55 T	-5 -13	13 L 3 T	0 -9	9 L 8 T	-	-	2 -4	4 L 10 T
7.087	7.874	0 -10	14 -11	11 L 39 T	21 3	3 L 46 T	33 15	15 T 58 T	40 15	15 T 65 T	-6 -15	15 L 4 T	0 -10	10 L 10 T	-	-	3 -4	4 L 13 T

FIT SELECTION FOR STANDARD DEEP GROOVE RADIAL BALL BEARINGS



7.874	8.858	0	16	13L	24	4T	37	17T	46	17T	-6	17L	01	1L	-	-	3	5L
	-12	-13	46T	4	54T	17	67T	17	76T	-17	6T	-11	12T	-	-	-	5	15T
8.858	9.843	0	16	13L	24	4T	37	17T	46	17T	-6	17L	01	1L	-	-	3	5L
	-12	-13	46T	4	54T	17	67T	17	76T	-17	6T	-11	12T	-	-	-	5	15T

“L” indicates loose, “T” indicates tight

Table 4. Recommended housing fits.

Design and Operating Conditions				Fit	
Rotational Conditions	Loading	Other Conditions	Outer Ring Axial Displacability		
Outer Ring Stationary	Light Normal or Heavy	Heat Input Through Shaft	Outer ring easily axially displaceable	G7	
		Housing Split Axially		H7	
	Shock with temporary complete unloading	Housing not split axially	Transitional Range	H6	
Load Direction Indeterminant	Light	Split not recommended		Outer ring not easily axially displaceable	J6
	Normal or Heavy				K6
	Heavy Shock		M6		
Outer Ring Rotating	Light	Thin wall housing not split	Outer ring not easily axially displaceable	N6	
	Normal			Outer ring not easily axially displaceable	P6
	Heavy				

Light $P \leq 0.06 \times Cr$
 $0.06 \times Cr < P \leq 0.12 \times Cr$

Normal $P \leq Cr$

Heavy $P > 0.12 \times Cr$



FIT SELECTION FOR STANDARD DEEP GROOVE RADIAL BALL BEARINGS

Table 5. ABEC 1 housing fits

Dimensions in mm, Dev and Fits in μm																		
Bore Diameter			G7		H7		H6		J6		K6		M6		N6		P6	
Over	Incl	Dev	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit
1 0	1 8	0 -8	6 2 4	3 2 L 6 L	0 1 8	2 6 L 0	0 11	19L 0	-5 6	14L 5T	-9 2	10L 9T	-15 -4	4 L 1 5 T	-20 -9	1T 20T	-26 -15	7T 26T
1 8	3 0	0 -9	7 2 8	3 7 L 7 L	0 2 1	3 0 L 0	0 13	22L 0	-5 8	17L 5T	-11 2	11L 11T	-17 -4	5 L 1 7 T	-24 -11	2T 24T	-31 -18	9T 31T
3 0	5 0	0 -11	9 3 4	4 5 L 9 L	0 2 5	3 6 L 0	0 16	27L 0	-6 10	21L 6T	-13 3	14L 13T	-20 -4	7 L 2 0 T	-28 -12	1T 28T	-37 -21	10T 37T
5 0	8 0	0 -13	1 0 4 0	5 3 L 1 0 L	0 3 0	4 3 L 0	0 19	32L 0	-6 13	26L 6T	-15 4	17L 15T	-24 -5	8 L 2 4 T	-33 -14	1T 33T	-45 -26	13T 45T
8 0	1 2 0	0 -15	1 2 4 7	6 2 L 1 2 L	0 3 5	5 0 L 0	0 22	37L 0	-6 16	31L 6T	-18 4	19L 18T	-28 -6	9 L 2 8 T	-38 -16	1T 38T	-52 -30	15T 52T
1 2 0	1 5 0	0 -18	1 4 5 4	7 2 L 1 4 L	0 4 0	5 8 L 0	0 25	43L 0	-7 18	36L 7T	-21 4	22L 21T	-33 -8	1 0 L 3 3 T	-45 -20	2T 45T	-61 -36	18T 61T
1 5 0	1 8 0	0 -25	1 4 5 4	7 9 L 1 4 L	0 4 0	6 5 L 0	0 25	50L 0	-7 18	43L 7T	-21 4	29L 21T	-33 -8	1 7 L 3 3 T	-45 -20	5L 45T	-61 -36	11T 61T
1 8 0	2 5 0	0 -30	1 5 6 1	9 1 L 1 5 L	0 4 6	7 6 L 0	0 29	59L 0	-7 22	52L 7T	-24 5	35L 24T	-37 -8	2 2 L 3 7 T	-51 -22	8L 51T	-70 -41	11T 70T
2 5 0	3 1 5	0 -35	1 7 6 9	1 0 4 L 1 7 L	0 5 2	8 7 L 0	0 32	67L 0	-7 25	60L 7T	-27 5	40L 27T	-41 -9	2 6 L 4 1 T	-57 -25	10L 57T	-79 -47	12T 79T
3 1 5	4 0 0	0 -40	1 8 7 5	1 1 5 L 1 8 L	0 5 7	9 7 L 0	0 36	76L 0	-7 29	69L 7T	-29 7	47L 29T	-46 -10	3 0 L 4 6 T	-62 -26	14L 62T	-87 -51	11T 87T
Dimensions in inches, Dev and Fits in 0.0001 inch																		
Bore Diameter			G7		H7		H6		J6		K6		M6		N6		P6	
Over	Incl	Dev	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit	Dev	Fit
0.394	0.709	+0 -3	2 9	12L 2L	0 7	10 L 0	0 4	7L 0	-2 2	5L 2T	-4 1	4L 4T	-6 -2	1L 6T	-8 -4	1T 8T	-10 -6	3T 10T
0.709	1.181	+0 -4	3 11	14.5L 3L	0 8	11.5L 0	0 5	8.5L 0	-2 3	6.5L 2T	-4 1	4.5L 4T	-7 -2	1.5 L 7T	-9 -4	0.5T 9T	-12 -7	3.5T 12T
1.181	1.969	+0 -4	4 13	17.5L 4L	0 10	14.5L 0	0 6	10.5L 0	-2 4	8.5L 2T	-5 1	5.5L 5T	-8 -2	2.5 L 8T	-11 -5	0.5T 11T	-15 -8	3.5T 15T
1.969	3.150	+0 -5	4 16	21L 4L	0 12	17 L 0	0 7	12L 0	-2 5	10L 2T	-6 2	7L 6T	-9 -2	3L 9T	-13 -6	1T 13T	-18 -10	5T 18T
3.150	4.724	+0 -6	5 19	25L 5L	0 14	20 L 0	0 9	15L 0	-2 6	12L 2T	-7 2	8L 7T	-11 -2	4L 1 1 T	-1 5 -6	0 15T	-20 -12	6T 20T
4.724	5.906	+0 -7	6 21	28L 6L	0 16	23 L 0	0 10	17L 0	-3 7	14L 3T	-8 2	9L 8T	-13 -3	4L 1 3 T	-1 8 -8	1T 18T	-24 -14	7T 24T
5.906	7.087	+0 -10	6 21	31L 6L	0 16	26 L 0	0 10	20L 0	-3 7	17L 3T	-8 2	12L 8T	-13 -3	7L 1 3 T	-1 8 -8	2L 18T	-24 -14	4T 24T
7.087	9.843	+0 -12	6 24	36L 6L	0 18	30 L 0	0 11	23L 0	-3 9	21L 3T	-9 2	14L 9T	-15 -3	9L 1 5 T	-2 0 -9	3L 20T	-28 -16	4T 28T



9.843	12.402	+0	7	41L	0	3 4 L	0	27L	-3	24L	-11	16L	-16	1 0 L	-2 2	4L	-31	5T
		-14	27	7L	20	0	1 3	0	10	3T	2	11T	-4	1 6 T	-1 0	22T	-19	31T
12.402	15.748	+0	7	46L	0	3 8 L	0	30L	-3	27L	-11	19L	-18	1 2 L	-2 4	6L	-34	4T
		-16	30	7L	22	0	1 4	0	11	3T	3	11T	-4	1 8 T	-1 0	24T	-20	34T

“L” indicates loose, “T” indicates tight



One important specification of bearings is the radial internal clearance. It is defined as the total displacement between the inner and outer rings under zero loading. It is critical to take into account the application conditions when choosing the desired clearance. Clearance can be reduced during operation due to temperature differences between inner and outer ring, shaft and housing fitting, loading, and shaft deflection. Table 6 shows the metric clearances for C2, Normal (or C0), C3, C4, and C5 classifications. Table 7 shows the inch clearances for C2, Normal (or C0), C3, C4, and C5 classifications. Table 8 shows the radial internal clearances for bearing inserts.

Table 6. Radial internal clearance for ball bearings [um]

Single Row Ball Bearings											
Bore Diameter		C2		Normal		C3		C4		C5	
Over [mm]	Incl [mm]	min	max	min	max	min	max	min	max	min	max
0	2.5	0	6	4	11	10	20	-	-	-	-
2.5	6	0	7	2	13	8	23	-	-	-	-
6	10	0	7	2	13	8	23	14	29	20	37
10	18	0	9	3	18	11	25	18	33	25	45
18	24	0	10	5	20	13	28	20	36	28	48
24	30	1	11	5	20	13	28	23	41	30	53
30	40	1	11	6	20	15	33	28	46	40	64
40	50	1	11	6	23	18	36	30	51	45	73
50	65	1	15	8	28	23	43	38	61	55	90
65	80	1	15	10	30	25	51	46	71	65	105
80	100	1	18	12	36	30	58	53	84	75	120
100	120	2	20	15	41	36	66	61	97	90	140
120	140	2	23	18	48	41	81	71	114	105	160
140	160	2	23	18	53	46	91	81	130	120	180
160	180	2	25	20	61	53	102	91	147	135	200
180	200	2	30	25	71	63	117	107	163	150	230
200	225	2	35	25	85	75	140	125	195	175	265
225	250	2	40	30	95	85	160	145	225	205	300
250	280	2	45	35	105	90	170	155	245	225	340

Double Row Ball Bearings											
Bore Diameter		C1		C2		Normal		C3		C4	
Over (mm)	Incl (mm)	min	max	min	max	min	max	min	max	min	max
0	10	3	8	6	12	8	15	15	22	22	30
10	18	3	8	6	12	8	15	15	24	30	40
18	30	3	10	6	12	10	20	20	32	40	55
30	50	3	10	8	14	14	25	25	40	55	75
50	80	3	11	11	17	17	32	32	50	75	95
80	100	3	13	13	22	22	40	40	60	95	120
100	120	3	15	15	30	30	50	50	75	110	140
120	150	3	16	16	33	35	55	55	80	130	170
150	180	3	18	18	35	35	60	60	90	150	200
180	200	3	20	20	40	40	65	65	100	180	240

Table 7. Radial internal clearance for ball bearings [0.0001"]

Single Row Ball Bearings											
Bore Diameter		C2		Normal		C3		C4		C5	
Over [in]	Incl [in]	min	max	min	max	min	max	min	max	min	max
0	0.0984	0	2	2	4	4	8	-	-	-	-
0.0984	0.2362	0	3	1	5	3	9	-	-	-	-
0.2362	0.3937	0	3	1	5	3	9	6	11	8	15
0.3937	0.7087	0	4	1	7	4	10	7	13	10	18
0.7087	0.9449	0	4	2	8	5	11	8	14	11	19
0.9449	1.1811	0	4	2	8	5	11	9	16	12	21
1.1811	1.5748	0	4	2	8	6	13	11	18	16	25
1.5748	1.9685	0	4	2	9	7	14	12	20	18	29
1.9685	2.5591	0	6	3	11	9	17	15	24	22	35
2.5591	3.1496	0	6	4	12	10	20	18	28	26	41
3.1496	3.9370	0	7	5	14	12	23	21	33	30	47
3.9370	4.7244	1	8	6	16	14	26	24	38	35	55
4.7244	5.5118	1	9	7	19	16	32	28	45	41	63
5.5118	6.2992	1	9	7	21	18	36	32	51	47	71
6.2992	7.0866	1	10	8	24	21	40	36	58	53	79
7.0866	7.8740	1	12	10	28	25	46	42	64	59	91
7.8740	8.8583	1	14	10	33	30	55	49	77	69	104
8.8583	9.8425	1	16	12	37	33	63	57	89	81	118
9.8425	11.0236	1	18	14	41	35	67	61	96	89	134



Double Row Ball Bearings											
Bore Diameter		C1		C2		Normal		C3		C4	
Over (mm)	Inc (mm)	min	max	min	max	min	max	min	max	min	max
0	0.39	1	3	2	5	3	6	6	9	9	12
0.394	0.71	1	3	2	5	3	6	6	9	12	16
0.709	1.18	1	4	2	5	4	8	8	13	16	22
1.181	1.97	1	4	3	6	6	10	10	16	22	30
1.969	3.15	1	4	4	7	7	13	13	20	30	37
3.150	3.94	1	5	5	9	9	16	16	24	37	47
3.937	4.72	1	6	6	12	12	20	20	30	43	55
4.724	5.91	1	6	6	13	14	22	22	31	51	67
5.906	7.09	1	7	7	14	14	24	24	35	59	79
7.087	7.87	1	8	8	16	16	26	26	39	71	94

Table 8. Radial internal clearance for bearing inserts.

Bore Diameter		Normal [μm]		Normal [0.0001"]		Loose [μm]		Loose [0.0001"]	
mm	Inch	min	max	min	max	min	max	min	max
12.7000	1/2	10	25	4	10	18	33	7	13
14.2875	9/16								
15.8750	5/8								
17.0000	-								
17.4625	11/16	12	28	5	11	20	36	8	14
19.0500	3/4								
20.0000	-								
20.6385	13/16								
22.2250	7/8	12	28	5	11	23	41	9	16
23.8125	15/16								
25.0000	-								
25.4000	1								
26.9875	1 1/16	12	28	5	11	23	41	9	16
28.5750	1 1/8								
30.0000	-								
30.1625	1 3/16								
31.7500	1 1/4								

31.7500	1 1/4	13	33	5	13	28	46	11	18
33.3375	1 5/16								
34.9250	1 3/8								
35.0000	-								
36.5125	1 7/16	13	33	5	13	28	46	11	18
38.1000	1 1/2								
39.6875	1 9/16								
40.0000	-								
41.2750	1 5/8	14	36	6	14	30	51	12	20
42.8625	1 11/16								
44.4500	1 3/4								
45.0000	-								
46.0375	1 13/16	14	36	6	14	30	51	12	20
47.6250	1 7/8								
49.2125	1 15/16								
50.0000	-								
50.8000	2	18	43	7	17	38	61	15	24
50.8000	2								
52.3875	2 1/16								
53.9750	2 1/8								
55.0000	-	18	43	7	17	38	61	15	24
55.5625	2 3/16								
57.1500	2 1/4								
58.7375	2 5/16								
60.0000	-	20	51	8	20	46	71	18	28
60.3250	2 3/8								
61.9125	2 7/16								
63.5000	2 1/2								
65.0000	-	20	51	8	20	46	71	18	28
68.2625	2 11/16								
66.6750	2 5/8								
68.2625	2 11/16								
69.8500	2 3/4	20	51	8	20	46	71	18	28
70.0000	-								
69.8500	2 3/4								
71.4375	2 13/16								
73.0250	2 7/8	20	51	8	20	46	71	18	28
74.6125	2 15/16								
75.0000	-								
76.2000	3								



Table 9. ABEC tolerances for ball bearings.

ABEC 1 Tolerances						ABEC 3 Tolerances						ABEC 5 Tolerances					
Bore Diameter						Bore Diameter						Bore Diameter					
Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)
mm	µm	Inch	0.0001"	mm	µm	Inch	0.0001"	mm	µm	Inch	0.0001"	mm	µm	Inch	0.0001"		
2.5	10	-8	0.0984	0.3937	-3	2.5	10	-7	0.0984	0.3937	-3	2.5	10	-5	0.0984	0.3937	-2
10	18	-8	0.3937	0.7087	-3	10	18	-7	0.3937	0.7087	-3	10	18	-5	0.3937	0.7087	-2
18	30	-10	0.7087	1.1811	-4	18	30	-8	0.7087	1.1811	-3	18	30	-6	0.7087	1.1811	-2
30	50	-12	1.1811	1.9685	-5	30	50	-10	1.1811	1.9685	-4	30	50	-8	1.1811	1.9685	-3
50	80	-15	1.9685	3.1496	-6	50	80	-12	1.9685	3.1496	-5	50	80	-9	1.9685	3.1496	-4
80	120	-20	3.1496	4.7244	-8	80	120	-15	3.1496	4.7244	-6	80	120	-10	3.1496	4.7244	-4
120	150	-25	4.7244	5.9055	-10	120	150	-18	4.7244	5.9055	-7	120	150	-13	4.7244	5.9055	-5
150	180	-25	5.9055	7.0866	-10	150	180	-18	5.9055	7.0866	-7	150	180	-13	5.9055	7.0866	-5
180	250	-30	7.0866	9.8425	-12	180	250	-22	7.0866	9.8425	-9	180	250	-15	7.0866	9.8425	-6
Bore Diameter						Outside Diameter						Outside Diameter					
Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)
mm	µm	Inch	0.0001"	mm	µm	Inch	0.0001"	mm	µm	Inch	0.0001"	mm	µm	Inch	0.0001"		
6	18	-8	0.2362	0.7087	-3	6	18	-7	0.2362	0.7087	-3	6	18	-5	0.2362	0.7087	-2
18	30	-9	0.7087	1.1811	-4	18	30	-8	0.7087	1.1811	-3	18	30	-6	0.7087	1.1811	-2
30	50	-11	1.1811	1.9685	-4	30	50	-9	1.1811	1.9685	-4	30	50	-7	1.1811	1.9685	-3
50	80	-13	1.9685	3.1496	-5	50	80	-11	1.9685	3.1496	-4	50	80	-9	1.9685	3.1496	-4
80	120	-15	3.1496	4.7244	-6	80	120	-13	3.1496	4.7244	-5	80	120	-10	3.1496	4.7244	-4
120	150	-18	4.7244	5.9055	-7	120	150	-15	4.7244	5.9055	-6	120	150	-11	4.7244	5.9055	-4
150	180	-25	5.9055	7.0866	-10	150	180	-18	5.9055	7.0866	-7	150	180	-13	5.9055	7.0866	-5
180	250	-30	7.0866	9.8425	-12	180	250	-20	7.0866	9.8425	-8	180	250	-15	7.0866	9.8425	-6
250	315	-35	9.8425	12.4016	-14	250	315	-25	9.8425	12.4016	-10	250	315	-18	9.8425	12.4016	-7
Ring Width						Ring Width						Ring Width					
Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)	Over	Incl	Tol (+0)
mm	µm	Inch	0.0001"	mm	µm	Inch	0.0001"	mm	µm	Inch	0.0001"	mm	µm	Inch	0.0001"		
2.5	10	-120	0.0984	0.3937	-47	2.5	10	-120	0.0984	0.3937	-47	2.5	10	-120	0.0984	0.3937	-47
10	18	-120	0.3937	0.7087	-47	10	18	-120	0.3937	0.7087	-47	10	18	-120	0.3937	0.7087	-47
18	30	-120	0.7087	1.1811	-47	18	30	-120	0.7087	1.1811	-47	18	30	-120	0.7087	1.1811	-47
30	50	-120	1.1811	1.9685	-47	30	50	-120	1.1811	1.9685	-47	30	50	-120	1.1811	1.9685	-47
50	80	-150	1.9685	3.1496	-59	50	80	-150	1.9685	3.1496	-59	50	80	-150	1.9685	3.1496	-59
80	120	-200	3.1496	4.7244	-79	80	120	-200	3.1496	4.7244	-79	80	120	-200	3.1496	4.7244	-79
120	150	-250	4.7244	5.9055	-98	120	150	-250	4.7244	5.9055	-98	120	150	-250	4.7244	5.9055	-98
150	180	-250	5.9055	7.0866	-98	150	180	-250	5.9055	7.0866	-98	150	180	-250	5.9055	7.0866	-98
180	250	-300	7.0866	9.8425	-118	180	250	-300	7.0866	9.8425	-118	180	250	-300	7.0866	9.8425	-118

Table 10. Tolerances for insert bearings.

Bore Diameter					
Over	Incl	Tol (-0)	Over	Incl	Tol (-0)
m m		μ m	Inch		0.0001"
10	18	+18	0.3937	0.7087	+7
18	30	+21	0.7087	1.1811	+8
30	50	+25	1.1811	1.9685	+10
50	80	+30	1.9685	3.1496	+12
80	120	+35	3.1496	4.7244	+14
120	180	+40	4.7244	7.0866	+16
Outside Diameter					
Over	Incl	Tol (-0)	Over	Incl	Tol (-0)
m m		μ m	Inch		0.0001"
30	50	-11	1.1811	1.9685	-4
50	80	-13	1.9685	3.1496	-5
80	120	-15	3.1496	4.7244	-6
120	150	-18	4.7244	5.9055	-7
150	180	-25	5.9055	7.0866	-10
180	250	-30	7.0866	9.8425	-12
250	315	-35	9.8425	12.4016	-14
Inner/Outer Ring Width					
Over	Incl	Tol (-0)	Over	Incl	Tol (-0)
m m		μ m	Inch		0.0001"
2.5	10	-120	0.0984	0.3937	-47
10	18	-120	0.3937	0.7087	-47
18	30	-120	0.7087	1.1811	-47
30	50	-120	1.1811	1.9685	-47
50	80	-150	1.9685	3.1496	-59
80	120	-200	3.1496	4.7244	-79
120	150	-250	4.7244	5.9055	-98
150	180	-250	5.9055	7.0866	-98

Table 11. Set screw tightening torques.

Size	Tightening Torque	
	N - m	lbf - in
1/4 - 2.8	8.8	77.9
M 6 X 0.75	8.8	77.9
5/16 - 2.4	17.6	156
M 8 X 1	17.6	156
3/8 - 2.4	30.8	273
M 10 X 1.25	30.8	273
7/16 - 2.0	48.4	428
M 12 X 1.5	48.4	428



Table 12. Unit conversions.

Multiply	By	To Obtain
Celcius Temperature[°C]	$9/5(^{\circ}\text{C})+32$	Fahrenheit Temperature [°F]
Centimeter [cm]	0.3937	Inch [in]
Centimeter [cm]	10	Millimeter [mm]
Dyne	0.0001	Newton [N]
Dyne Centimeter	10^{-7}	Newton-Meter [N-m]
Fahrenheit Temperature [°F]	$5/9(^{\circ}\text{F})-32$	Celcius Temperature[°C]
Foot [ft]	30.48	Centimeter [cm]
Foot [ft]	0.3048	Meter [m]
Gallon, US Liquid [gal]	3.7854	Liter [l]
Gram [g]	0.0353	Ounce [oz]
Horsepower [hp]	0.7457	Kilowatt [kW]
Horsepower [hp]	7456999.00	Watt [W]
Inch [in]	2.54	Centimeter [cm]
Inch [in]	0.0254	Meter [m]
Inch [in]	25.4	Millimeter [mm]
Joule [J]	0.009478	British Thermal Unit [Btu]
Kilogram [kg]	2.20	Pound [lb]
Kilogram-Force [kgf]	9.81	Newton [N]
Kilometer [km]	0.6214	Mile [mi]
Liter [l]	0.3531	Cubic Foot [ft ³]
Liter [l]	0.001	Cubic Meter [m ³]
Liter [l]	0.2642	Gallon, US Liquid [Gal]
Meter [m]	39.37	Inch [in]
Meter [m]	3.28	Foot [ft]
Meter [m]	1.0936	Yard [yd]
Micron [μm]	1000.00	Millimeter [mm]
Micron [μm]	10^6	Meter [m]
Mile [mi]	1.6093	kilometer [km]
Millimeter [mm]	0.03937	Inch [in]
Millimeter [mm]	0.003281	Foot [ft]
Newton [N]	0.2248	Pound-Force [lbf]
Ounce [oz]	28.3495	Gram [g]
Pound [lb]	0.4536	kilogram [kg]
Pound-Force [lbf]	4.448	Newton [N]
Yard [yd]	0.9144	Meter [m]