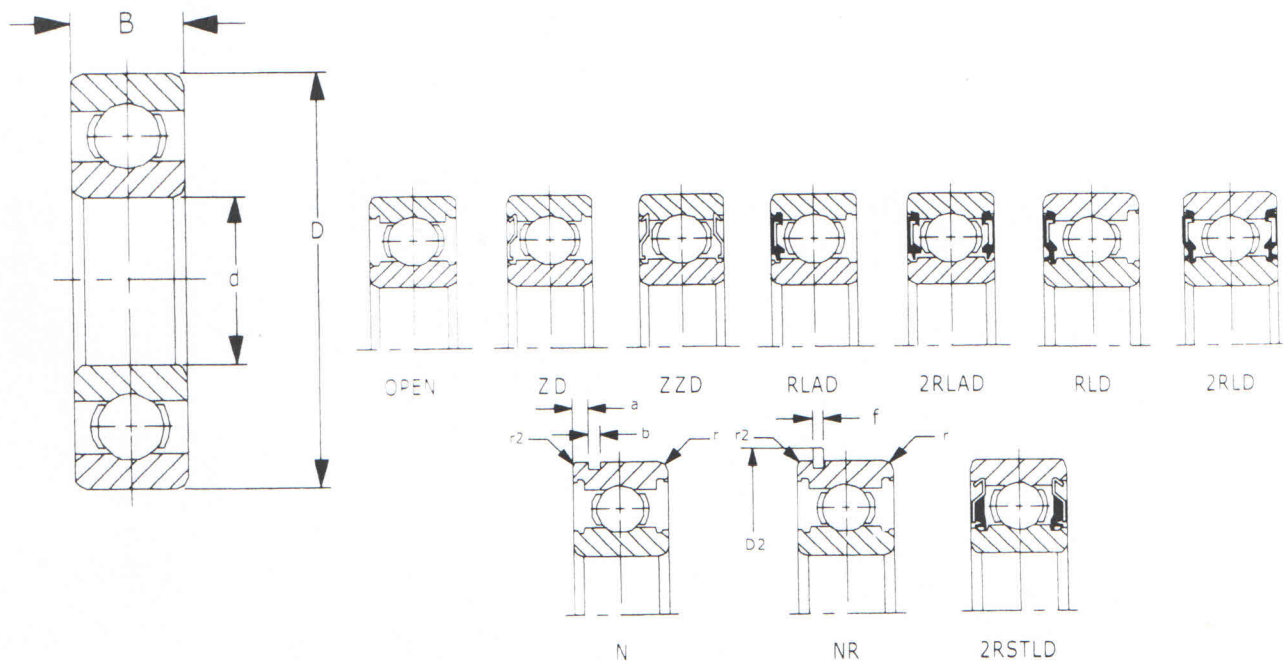


FOR REFERENCE ONLY



Units: Inches
Metric

Part Number	Bore d	Tolerance +.0000 to minus	OD D	Tolerance +.0000 to minus	Width B	Tolerance +.0000 to minus	* fillet radii		snap ring dimensions		snap ring groove dimensions		Basic Load Ratings lbf N		Weight lb Kg	Limiting speed of Open Bearing (rpm)	
							r	r2	D2 Max	f Max	a Max	b Min	Dynamic Cr	Static Cor		oil	grease
6300	3937	.0003	1.3780	.0005	.4331	.0047	.024	.020	1.563	.044	.081	.053	1.845	785	110	27 000	23 000
	10	.008	.35	.011	.11	.120	.6	.5	39.7	1.12	2.06	1.35	8,200	3,500	.050		
6301	4724	.0003	1.4567	.0005	.4724	.0047	.039	.020	1.626	.044	.081	.053	2.180	940	132	24 000	20 000
	12	.008	.37	.011	.12	.120	1.0	.5	41.3	1.12	2.06	1.35	9,700	4,200	.056		
6302	5906	.0003	1.6535	.0005	.5118	.0047	.039	.020	1.823	.044	.081	.053	2.570	1,220	.150	21 000	17 000
	15	.008	.42	.011	.13	.120	1.0	.5	46.3	1.12	2.06	1.35	11,400	5,450	.068		
6303	6693	.0003	1.8504	.0005	.5512	.0047	.039	.020	2.075	.044	.097	.053	3.060	1,470	.249	19 000	16 000
	17	.008	.47	.011	.14	.120	1.0	.5	52.7	1.12	2.46	1.35	13,600	6,650	.113		
6304	7874	.0004	1.0472	.0005	.5906	.0047	.043	.020	2.280	.044	.097	.053	3.600	1,770	.319	17 000	14 000
	20	.010	.52	.013	.15	.120	1.1	.5	57.9	1.12	2.46	1.35	15,900	7,900	.145		
63/22	8661	.0004	2.2047	.0005	.6299	.0047	.043	.020	2.429	.044	.097	.053	4.140	2,080	.394	15 000	13 000
	22	.010	.56	.013	.16	.120	1.1	.5	61.7	1.12	2.46	1.35	18,400	9,250	.179		
6305	9843	.0004	2.4409	.0005	.6693	.0047	.043	.020	2.665	.067	.129	.075	4.750	2,460	.518	14 000	12 000
	25	.010	.62	.013	.17	.120	1.1	.5	67.7	1.7	3.28	1.9	21,200	11,200	.235		
63/28	11024	.0004	2.6772	.0005	.7087	.0047	.043	.020	2.937	.067	.129	.075	6.000	3,150	.633	13 000	11 000
	28	.010	.68	.013	.18	.120	1.1	.5	74.6	1.7	3.28	1.9	26,700	14,000	.287		
6306	11811	.0004	2.8346	.0005	.7480	.0047	.043	.020	3.094	.067	.129	.075	6.000	3,375	.760	12 000	10 000
	30	.010	.72	.013	.19	.120	1.1	.5	78.6	1.7	3.28	1.9	26,700	15,000	.345		
63/32	12598	.0005	2.9528	.0005	.7874	.0047	.043	.020	3.213	.067	.129	.075	6.727	3,825	.857	11 000	9 500
	32	.012	.75	.013	.20	.120	1.1	.5	81.6	1.7	3.28	1.9	29,900	17,000	.389		
6307	13780	.0005	3.1496	.0005	.8268	.0047	.059	.020	3.409	.067	.129	.075	7.537	4,320	1.030	10 000	8 800
	35	.012	.80	.013	.21	.120	1.5	.5	86.6	1.7	3.28	1.9	33,500	19,200	.464		
6308	15748	.0005	3.5433	.0006	.9055	.0047	.059	.020	3.799	.097	.129	.106	9.112	5,400	1.410	9 200	7 800
	40	.012	.90	.015	.23	.120	1.5	.5	96.5	2.46	3.28	2.7	40,500	24,000	.640		
6309	17717	.0005	3.9370	.0006	.9843	.0047	.059	.020	4.193	.097	.129	.106	11,925	7,200	1.82	8 200	7 000
	45	.012	1.00	.015	.25	.120	1.5	.5	106.5	2.46	3.28	2.7	53,000	32,000	.829		

*Maximum fillet which corner radius of bearing will clear.