

Bearing Dimensions(mm/in.)													Load Ratings(N/lbf)													Geometry Factors																					
Dynamic ⁽¹⁾				Factors ⁽²⁾				Dynamic ⁽³⁾				Factors ⁽²⁾				Shaft				Housing				Pin(mm/in.)				Bearing Weight(kg/lbs.)																			
Max. Shaft Fillet Radius R ⁽⁴⁾	Back. Shoulder Dia. d _s	Max. Housing Fillet Radius r ⁽⁴⁾	Back. Shoulder Dia. D _s	K ₁	K ₂	G ₁	G ₂	C ₉	C ₁₀	C ₉₀	C ₂₉₀	C ₉₀₍₂₎	K	Inner	Outer	Max. Shaft Fillet Radius R ⁽⁴⁾	Back. Shoulder Dia. d _s	Max. Housing Fillet Radius r ⁽⁴⁾	Back. Shoulder Dia. D _s	K ₁	K ₂	G ₁	G ₂	C ₉	C ₁₀	C ₉₀	C ₂₉₀	C ₉₀₍₂₎	K	Inner	Outer																
11.987	30.48	25.4	21.26	18800	0.41	1.67	2.48	2800	1940	4880	1.44	A2047	A2120D	0.8	16.5	0.4	28	-	-	1.7	3.2	0.0308	0.19	14.989	34.988	25.174	20.638	22900	0.45	1.49	2.22	3410	2640	5940	1.29	A4059	A4138D	0.8	19.5	0.6	31.5	-	-	2.3	4.1	0.0355	0.11
0.4719	1.2	1	0.837	4230	0.41	1.67	2.48	630	437	1100	1.44	A2047	A2120D	0.03	0.65	0.02	1.1	-	-	1.7	3.2	0.0308	0.19	0.5901	1.3775	0.9911	0.8125	5150	0.45	1.49	2.22	767	594	1330	1.29	A4059	A4138D	0.03	0.77	0.03	1.24	-	-	2.3	4.1	0.0355	0.26
16.993	47	31.75	25.212	46500	0.36	1.89	2.82	6930	4230	12100	1.64	5066	05185D	1.5	24.5	0.8	42.5	-	-	5.8	5.5	0.0448	0.29	0.669	1.8504	1.25	0.9926	10500	0.36	1.89	2.82	1560	952	2710	1.64	5066	05185D	0.06	0.96	0.03	1.67	-	-	5.8	5.5	0.0448	0.62
19.05	47	31.75	25.212	46500	0.36	1.89	2.82	6930	4230	12100	1.64	5075	05185D	1.3	25	0.8	42.5	-	-	5.8	5.5	0.0448	0.27	0.75	1.8504	1.25	0.9926	10500	0.36	1.89	2.82	1560	952	2710	1.64	5075	05185D	0.05	0.98	0.03	1.67	-	-	5.8	5.5	0.0448	0.59
19.05	57.15	49.212	36.512	95900	0.59	1.14	1.7	14300	14400	24900	0.99	21075	21226D	1.5	31.5	0.8	51	-	-	7	4.1	0.0558	0.65	0.75	2.25	1.9375	1.4375	21600	0.59	1.14	1.7	3210	3250	5590	0.99	21075	21226D	0.06	1.24	0.03	2.01	-	-	7	4.1	0.0558	1.44
19.987	47	31.75	25.212	46500	0.36	1.89	2.82	6930	4230	12100	1.64	5079	05185D	1.5	26.5	0.8	42.5	-	-	5.8	5.5	0.0448	0.27	0.7869	1.8504	1.25	0.9926	10500	0.36	1.89	2.82	1560	952	2710	1.64	5079	05185D	0.06	1.04	0.03	1.67	-	-	5.8	5.5	0.0448	0.57
20	50.005	33.34	25.4	50700	0.4	1.68	2.5	7550	5190	13100	1.45	7079	07196D	1.5	27.5	0.6	46.5	-	-	7.6	7.1	0.0509	0.31	0.7874	1.9687	1.3126	1	11400	0.4	1.68	2.5	1700	1170	2950	1.45	7079	07196D	0.06	1.08	0.03	1.83	-	-	7.6	7.1	0.0509	0.7
24.384	80.962	55.562	39.688	160000	0.67	1.01	1.5	23900	27300	41500	0.87	43096	43319D	0.8	40.5	1.5	74	-	-	16.8	7.6	0.0774	1.43	0.96	3.1875	2.1875	1.5625	36000	0.67	1.01	1.5	5360	6130	9340	0.87	43096	43319D	0.03	1.59	0.06	2.91	-	-	16.8	7.6	0.0774	3.14
24.981	50.005	33.34	25.4	50700	0.4	1.68	2.5	7550	5190	13100																																					