

Designation	Dimensions							Performance				Calculation Data						Mass (kg)		
	Contact Angle	Inner Ring Diameter	Outer Ring Diameter	Width	Chamfer dimension		Distance Side Face to Pressure Point	Basic Dynamic Load Rating	Basic Static Load Rating	Limiting Speed (r/min)		Preload & Rigidity (Back to Back, Face to Face)				Fatigue load limit (kN)	Calculation factor for equivalent loads			
					r <sub>min</sub>	r <sub>1min</sub>				A		B		C						
					a	C (N)				C <sub>0</sub> (N)	Grease	Oil-air	N	N/μm	N				N/μm	N
°	d	D	B	r <sub>min</sub>	r <sub>1min</sub>	a	C (N)	C <sub>0</sub> (N)	Grease	Oil-air	N	N/μm	N	N/μm	N	N/μm	P <sub>i</sub>	f <sub>0</sub>	≈	
719/8C	15	8.00	19.00	6.00	0.30	0.10	5.00	2.50	1.50	75,000	120,000	10	10	30	14	60	17			0.010
719/8AC	25	8.00	19.00	6.00	0.30	0.10	6.00	2.30	1.30	67,000	100,000	16	25	48	35	95	44			0.010
71900C	15	10.00	22.00	6.00	0.30	0.15	5.10	3.00	1.52	71,900	109,400	13	12	40	17	80	21	1.23	14.10	0.010
71900AC	25	10.00	22.00	6.00	0.30	0.15	6.70	2.88	1.45	62,500	93,800	22	31	65	43	130	54	1.44	14.10	0.009
71901C	15	12.00	24.00	6.00	0.30	0.15	5.40	3.35	1.86	63,900	97,300	15	14	49	19	60	25	1.45	14.70	0.011
71901AC	25	12.00	24.00	6.00	0.30	0.15	7.20	3.20	1.77	55,600	83,400	26	37	80	51	160	64	1.71	14.70	0.011
71902C	15	15.00	28.00	7.00	0.30	0.15	6.40	4.75	2.64	53,500	81,400	24	17	70	24	140	31	1.96	14.50	0.016
71902AC	25	15.00	28.00	7.00	0.30	0.15	8.50	4.55	2.53	46,600	69,800	41	45	120	62	240	78	2.22	14.50	0.016
71903C	15	17.00	30.00	7.00	0.30	0.15	6.60	5.00	2.94	49,000	74,500	26	18	80	26	160	33	2.09	14.80	0.017
71903AC	25	17.00	30.00	7.00	0.30	0.15	9.00	4.75	2.80	42,600	63,900	43	48	130	67	260	84	2.21	14.80	0.017
71904C	15	20.00	37.00	9.00	0.30	0.15	8.30	6.95	4.25	40,400	61,500	40	23	120	33	240	42	3.20	14.90	0.036
71904AC	25	20.00	37.00	9.00	0.30	0.15	11.10	6.60	4.05	35,100	52,700	62	61	185	85	370	107	3.55	14.90	0.037
71905C	15	25.00	42.00	9.00	0.30	0.15	9.00	7.85	5.40	34,400	52,300	40	24	120	35	240	44	3.90	15.50	0.043
71905AC	25	25.00	42.00	9.00	0.30	0.15	12.30	7.45	5.15	29,900	44,800	64	64	190	90	380	113	4.40	15.50	0.043
71906C	15	30.00	47.00	9.00	0.30	0.15	9.70	8.30	6.25	29,900	45,500	42	27	125	38	250	49	4.40	15.90	0.049
71906AC	25	30.00	47.00	9.00	0.30	0.15	13.50	7.85	5.95	26,000	39,000	67	71	200	100	400	125	4.95	15.90	0.050
71907C	15	35.00	55.00	10.00	0.60	0.30	11.00	12.10	9.15	25,600	38,900	58	33	175	47	350	60	6.60	15.70	0.074
71907AC	25	35.00	55.00	10.00	0.60	0.30	15.50	11.40	8.70	22,300	33,400	93	87	280	121	560	152	7.20	15.70	0.075
71908C	15	40.00	62.00	12.00	0.60	0.30	12.80	15.10	11.70	22,600	34,400	74	37	220	53	440	68	8.40	15.70	0.109
71908AC	25	40.00	62.00	12.00	0.60	0.30	17.90	14.30	11.20	19,700	29,500	120	98	360	138	720	173	8.90	15.70	0.110
71909C	15	45.00	68.00	12.00	0.60	0.30	13.60	16.00	13.40	20,400	31,000	80	40	240	58	480	74	8.55	16.00	0.129
71909AC	25	45.00	68.00	12.00	0.60	0.30	19.20	15.10	12.70	17,700	26,600	125	107	370	150	740	189	9.95	16.00	0.130
71910C	15	50.00	72.00	12.00	0.60	0.30	14.20	16.90	15.00	18,900	28,700	100	47	300	68	600	86	9.45	16.20	0.130
71910AC	25	50.00	72.00	12.00	0.60	0.30	20.20	15.90	14.20	16,400	24,600	160	125	480	175	960	220	11.00	16.20	0.132
71911C	15	55.00	80.00	13.00	1.00	0.60	15.50	19.10	17.70	17,100	26,000	125	54	375	78	750	99	11.00	16.30	0.182
71911AC	25	55.00	80.00	13.00	1.00	0.60	22.20	18.10	16.80	14,900	22,300	200	144	600	201	1,200	253	12.50	16.30	0.184
71912C	15	60.00	85.00	13.00	1.00	0.60	16.20	19.40	18.70	15,900	24,200	130	58	390	84	780	106	11.50	16.50	0.195
71912AC	25	60.00	85.00	13.00	1.00	0.60	23.40	18.30	17.70	13,800	20,700	210	155	630	217	1,260	272	13.00	16.50	0.198
71913C	15	65.00	90.00	13.00	1.00	0.60	16.90	20.20	20.50	14,900	22,600	135	60	400	86	880	109	12.50	16.70	0.208
71913AC	25	65.00	90.00	13.00	1.00	0.60	24.60	19.10	19.40	13,000	19,400	210	159	630	224	1,260	281	14.20	16.70	0.211
71914C	15	70.00	100.00	16.00	1.00	0.60	19.40	28.10	27.80	13,600	20,600	185	69	550	99	1,100	126	17.30	16.40	0.338
71914AC	25	70.00	100.00	16.00	1.00	0.60	27.80	26.50	26.30	11,800	17,700	290	183	870	257	1,740	323	20.30	16.40	0.341
71915C	15	75.00	105.00	16.00	1.00	0.60	20.10	28.60	29.30	12,800	19,500	185	71	550	102	1,100	130	18.00	16.60	0.358
71915AC	25	75.00	105.00	16.00	1.00	0.60	29.00	26.90	27.70	11,200	16,700	300	189	900	266	1,800	334	21.20	16.60	0.355
71916C	15	80.00	110.00	16.00	1.00	0.60	20.70	29.00	30.50	12,200	18,500	190	73	570	106	1,140	134	18.70	16.70	0.377
71916AC	25	80.00	110.00	16.00	1.00	0.60	30.20	27.30	29.00	10,600	15,800	300	195	900	274	1,800	344	22.10	16.70	0.381
71917C	15	85.00	120.00	18.00	1.10	0.60	22.70	39.00	40.50	11,300	17,100	245	82	730	118	1,460	150	25.90	16.50	0.534
71917AC	25	85.00	120.00	18.00	1.10	0.60	32.90	36.50	38.50	9,800	14,700	390	219	1,170	307	2,340	386	30.00	16.50	0.541
71918C	15	90.00	125.00	18.00	1.10	0.60	23.40	41.50	46.00	10,700	16,300	250	84	750	122	1,500	154	29.10	16.60	0.568
71918AC	25	90.00	125.00	18.00	1.10	0.60	34.10	39.50	43.50	9,400	14,000	400	226	1,200	317	2,400	398	33.50	16.60	0.560
71919C	15	95.00	130.00	18.00	1.10	0.60	24.10	42.50	48.00	10,300	15,600	255	87	760	126	1,520	159	30.00	16.70	0.597
71919AC	25	95.00	130.00	18.00	1.10	0.60	35.20	40.00	45.50	8,900	13,400	400	233	1,200	327	2,400	410	35.00	16.70	0.603
71920C	15	100.00	140.00	20.00	1.10	0.60	26.10	50.00	54.00	9,600	14,600	320	95	960	138	1,900	175	33.00	16.50	0.800
71920AC	25	100.00	140.00	20.00	1.10	0.60	38.00	47.50	51.50	8,400	12,500	510	256	1,530	359	3,060	451	39.50	16.50	0.808
71921C	15	105.00	145.00	20.00	1.10	0.60	26.70	51.00	57.00	9,200	14,000	330	98	990	143	1,980	180	34.50	16.60	0.831
71921AC	25	105.00	145.00	20.00	1.10	0.60	39.20	48.00	54.00	8,000	12,000	520	264	1,560	371	3,120	466	41.00	16.60	0.820
71922C	15	110.00	150.00	20.00	1.10	0.60	27.40	52.00	59.50	8,900	13,500	330	101	990	147	1,980	186	35.50	16.70	0.867
71922AC	25	110.00	150.00	20.00	1.10	0.60	40.30	49.00	56.00	7,700	11,600	530	272	1,590	382	3,180	480	43.00	16.70	0.877
71924C	15	120.00	165.00	22.00	1.10	0.60	30.10	72.00	81.00	8,100	12,300	390	106	1,170	154	2,340	194	50.50	16.50	1.160
71924AC	25	120.00	165.00	22.00	1.10	0.60	44.20	67.50	77.00	7,100	10,600	620	285	1,860	399	3,720	502	59.50	16.50	1.150
71926C	15	130.00	180.00	24.00	1.50	1.00	32.80	78.50	91.00	7,500	11,300	400	112	1,200	163	2,400	206	55.00	16.50	1.580

|71926AC | 25 130.00 180.00 24.00 1.50 1.00 48.10 | 74.00 86.00 6,500 9,700 | 640 302 1,900 424 3,800 533 63.50 16.50 | 1.580 |