

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)						
					r <sub>min</sub>	r <sub>1min</sub>				a	C (N)	C <sub>0</sub> (N)	Grease	Oil-air	A		B	
°	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	≈	
H708C	15	8.00	22.00	7.00	0.30	0.15	5.50	2.40	1.00	90,000	150,000	15	11	35	14	75	18	0.010
H708AC	25	8.00	22.00	7.00	0.30	0.15	7.00	2.30	0.90	80,000	130,000	24	28	72	42	145	54	0.010
H7000C	15	10.00	26.00	8.00	0.30	0.15	6.00	3.40	1.50	80,000	130,000	16	13	48	20	95	25	0.020
H7000AC	25	10.00	26.00	8.00	0.30	0.15	8.00	3.30	1.40	67,000	110,000	30	35	90	51	180	64	0.020
H7001C	15	12.00	28.00	8.00	0.30	0.15	7.00	3.80	1.70	70,000	110,000	21	14	63	22	125	28	0.020
H7001AC	25	12.00	28.00	8.00	0.30	0.15	9.00	3.60	1.60	60,000	90,000	34	39	100	56	200	70	0.020
H7002C	15	15.00	32.00	9.00	0.30	0.15	8.00	4.40	2.20	67,000	100,000	24	16	72	24	145	30	0.030
H7002AC	25	15.00	32.00	9.00	0.30	0.15	10.00	4.20	2.10	56,000	85,000	40	42	120	61	240	77	0.030
H7003C	15	17.00	35.00	10.00	0.30	0.15	8.00	5.20	2.50	56,000	85,000	27	17	80	26	160	33	0.040
H7003AC	25	17.00	35.00	10.00	0.30	0.15	11.00	5.00	2.40	50,000	75,000	43	46	130	66	260	83	0.040
H7004C	15	20.00	42.00	12.00	0.60	0.15	10.00	7.40	3.90	50,000	75,000	40	22	120	34	240	43	0.070
H7004AC	25	20.00	42.00	12.00	0.60	0.15	13.00	7.00	3.80	43,000	63,000	65	60	190	87	380	109	0.070
H7005C	15	25.00	47.00	12.00	0.60	0.15	11.00	8.40	4.80	43,000	63,000	50	26	150	39	300	49	0.080
H7005AC	25	25.00	47.00	12.00	0.60	0.15	14.00	8.00	4.60	36,000	53,000	75	69	210	99	420	125	0.080
H7006C	15	30.00	55.00	13.00	1.00	0.30	12.00	9.50	6.20	38,000	56,000	65	29	190	44	380	55	0.110
H7006AC	25	30.00	55.00	13.00	1.00	0.30	17.00	9.00	5.90	34,000	50,000	90	78	270	111	540	140	0.110
H7007C	15	35.00	62.00	14.00	1.00	0.30	13.00	11.20	7.90	34,000	50,000	65	34	190	52	380	65	0.150
H7007AC	25	35.00	62.00	14.00	1.00	0.30	18.00	10.70	7.50	30,000	45,000	100	92	300	131	600	165	0.150
H7008C	15	40.00	68.00	15.00	1.00	0.30	15.00	12.50	9.10	28,000	43,000	70	37	210	57	420	71	0.190
H7008AC	25	40.00	68.00	15.00	1.00	0.30	20.00	11.10	8.60	24,000	38,000	110	101	330	144	660	181	0.190
H7009C	15	45.00	75.00	16.00	1.00	0.30	16.00	13.10	10.20	24,000	38,000	80	41	240	62	480	78	0.240
H7009AC	25	45.00	75.00	16.00	1.00	0.30	22.00	12.50	9.70	22,000	36,000	125	109	370	157	740	198	0.240
H7010C	15	50.00	80.00	16.00	1.00	0.30	17.00	15.40	12.00	20,000	34,000	85	45	250	68	500	86	0.260
H7010AC	25	50.00	80.00	16.00	1.00	0.30	23.00	14.70	11.40	18,000	30,000	135	121	400	173	800	218	0.260
H7011C	15	55.00	90.00	18.00	1.10	0.60	19.00	17.00	14.50	19,000	32,000	95	48	280	73	560	92	0.410
H7011AC	25	55.00	90.00	18.00	1.10	0.60	26.00	16.00	13.70	17,000	28,000	155	130	460	187	920	235	0.410
H7012C	15	60.00	95.00	18.00	1.10	0.60	19.00	17.00	15.30	18,000	30,000	100	52	300	78	600	99	0.440
H7012AC	25	60.00	95.00	18.00	1.10	0.60	27.00	16.20	14.40	15,000	24,000	160	140	480	200	960	252	0.440
H7013C	15	65.00	100.00	18.00	1.10	0.60	20.00	20.20	18.60	16,000	26,000	115	56	340	86	680	108	0.450
H7013AC	25	65.00	100.00	18.00	1.10	0.60	28.00	19.00	17.60	13,000	20,000	185	106	550	162	1,100	209	0.450
H7014C	15	70.00	110.00	20.00	1.10	0.60	22.00	24.10	21.40	15,000	24,000	135	61	400	93	800	117	0.640
H7014AC	25	70.00	110.00	20.00	1.10	0.60	31.00	22.60	20.10	13,000	20,000	210	117	630	179	1,260	231	0.640
H7015C	15	75.00	115.00	20.00	1.10	0.60	23.00	26.20	25.50	14,000	22,000	140	63	420	96	840	121	0.680
H7015AC	25	75.00	115.00	20.00	1.10	0.60	32.00	24.70	24.20	12,000	19,000	225	121	670	185	1,340	239	0.680
H7016C	15	80.00	125.00	22.00	1.10	0.60	25.00	34.20	32.70	13,000	20,000	185	71	550	108	1,100	135	0.900
H7016AC	25	80.00	125.00	22.00	1.10	0.60	35.00	32.30	31.00	11,000	18,000	290	125	870	191	1,740	248	0.900
H7017C	15	85.00	130.00	22.00	1.10	0.60	25.00	35.00	35.20	12,000	19,000	190	73	570	111	1,140	140	0.950
H7017AC	25	85.00	130.00	22.00	1.10	0.60	36.00	33.00	33.40	10,000	17,000	300	140	900	214	1,800	277	0.950
H7018C	15	90.00	140.00	24.00	1.50	0.60	27.00	36.40	38.10	11,000	18,000	195	78	580	118	1,160	148	1.260
H7018AC	25	90.00	140.00	24.00	1.50	0.60	39.00	34.30	36.10	9,500	16,000	310	145	930	222	1,860	286	1.260
H7019C	15	95.00	145.00	24.00	1.50	0.60	28.00	44.40	45.20	10,000	17,000	240	83	720	126	1,440	158	1.270
H7019AC	25	95.00	145.00	24.00	1.50	0.60	40.00	41.90	42.90	8,500	14,000	390	150	1,170	229	2,340	296	1.270
H7020C	15	100.00	150.00	24.00	1.50	0.60	29.00	45.40	48.10	10,000	17,000	245	85	730	130	1,460	163	1.330
H7020AC	25	100.00	150.00	24.00	1.50	1.00	41.00	42.70	44.70	8,500	14,000	400	164	1,200	251	2,400	325	1.330
H7021C	15	105.00	160.00	26.00	2.00	1.00	31.00	46.10	49.20	9,500	16,000	250	88	750	133	1,500	168	1.720
H7021AC	25	105.00	160.00	26.00	2.00	1.00	44.00	43.30	46.60	8,000	13,000	400	170	1,200	260	2,400	336	1.720
H7022C	15	110.00	170.00	28.00	2.00	1.00	33.00	47.90	53.90	9,500	16,000	255	93	760	141	1,520	177	2.200
H7022AC	25	110.00	170.00	28.00	2.00	1.00	47.00	45.10	51.10	8,000	13,000	410	175	1,230	269	2,460	347	2.200
H7024C	15	120.00	180.00	28.00	2.00	1.00	34.00	58.30	64.90	8,500	14,000	315	101	940	153	1,880	193	2.300
H7024AC	25	120.00	180.00	28.00	2.00	1.00	49.00	54.80	61.50	7,500	12,000	500	196	1,500	300	3,000	388	2.300

H7026C	15	130.00	200.00	33.00	2.00	1.00	39.00	58.60	66.80	8,000	13,000	320	103	960	157	1,900	197	3,590
H7026AC	25	130.00	200.00	33.00	2.00	1.00	55.00	55.10	63.20	7,000	11,000	500	208	1,500	319	3,000	412	3,590