

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 _{min}	r _{1-min}				a	C (N)	C ₀ (N)	Grease	Oil-air	A		B	
°	d	D	B	r _{min}	r _{1-min}	a	C (N)	C ₀ (N)	Grease	Oil-air	N	N/μm	N	N/μm	N	N/μm	≈	
H7000C/HQ1	15	10.00	26.00	8.00	0.30	0.15	6.00	3.40	1.50	90,000	150,000	16	14	48	22	95	28	0.020
H7000AC/HQ1	25	10.00	26.00	8.00	0.30	0.15	8.00	3.30	1.40	80,000	130,000	30	39	90	57	180	71	0.020
H7001C/HQ1	15	12.00	28.00	8.00	0.30	0.15	7.00	3.80	1.70	80,000	130,000	21	16	63	24	125	31	0.020
H7001AC/HQ1	25	12.00	28.00	8.00	0.30	0.15	9.00	3.60	1.60	70,000	110,000	34	44	100	62	200	79	0.020
H7002C/HQ1	15	15.00	32.00	9.00	0.30	0.15	8.00	4.40	2.20	75,000	120,000	24	17	72	27	145	34	0.030
H7002AC/HQ1	25	15.00	32.00	9.00	0.30	0.15	10.00	4.20	2.10	67,000	100,000	40	48	120	68	240	86	0.030
H7003C/HQ1	15	17.00	35.00	10.00	0.30	0.15	8.00	5.20	2.50	63,000	95,000	27	19	80	29	160	36	0.040
H7003AC/HQ1	25	17.00	35.00	10.00	0.30	0.15	11.00	5.00	2.40	60,000	90,000	43	52	130	74	260	94	0.040
H7004C/HQ1	15	20.00	42.00	12.00	0.60	0.15	10.00	7.40	3.90	60,000	90,000	40	25	120	38	240	48	0.060
H7004AC/HQ1	25	20.00	42.00	12.00	0.60	0.15	13.00	7.00	3.80	48,000	70,000	65	68	190	97	380	122	0.060
H7005C/HQ1	15	25.00	47.00	12.00	0.60	0.15	11.00	8.40	4.80	48,000	70,000	50	29	150	44	300	55	0.070
H7005AC/HQ1	25	25.00	47.00	12.00	0.60	0.15	14.00	8.00	4.60	43,000	63,000	75	78	210	111	420	140	0.070
H7006C/HQ1	15	30.00	55.00	13.00	1.00	0.30	12.00	9.50	6.20	45,000	67,000	65	32	190	49	380	62	0.110
H7006AC/HQ1	25	30.00	55.00	13.00	1.00	0.30	17.00	9.00	5.90	38,000	56,000	90	87	270	125	540	157	0.110
H7007C/HQ1	15	35.00	62.00	14.00	1.00	0.30	13.00	11.20	7.90	38,000	56,000	65	38	190	58	380	73	0.140
H7007AC/HQ1	25	35.00	62.00	14.00	1.00	0.30	18.00	10.70	7.50	34,000	50,000	100	103	300	147	600	185	0.140
W008C/HQ1	15	40.00	68.00	15.00	1.00	0.30	15.00	12.50	9.10	34,000	50,000	70	41	210	63	420	79	0.180
H7008AC/HQ1	25	40.00	68.00	15.00	1.00	0.30	20.00	11.10	8.60	28,000	43,000	110	113	330	161	660	203	0.180
H7009C/HQ1	15	45.00	75.00	16.00	1.00	0.30	16.00	13.10	10.20	28,000	43,000	80	45	240	69	480	86	0.240
H7009AC/HQ1	25	45.00	75.00	16.00	1.00	0.30	22.00	12.50	9.70	26,000	40,000	125	123	370	176	740	221	0.240
H7010C/HQ1	15	50.00	80.00	16.00	1.00	0.30	17.00	15.40	12.00	24,000	38,000	85	50	250	76	500	95	0.240
H7010AC/HQ1	25	50.00	80.00	16.00	1.00	0.30	23.00	14.70	11.40	20,000	34,000	135	135	400	194	800	244	0.240
H7011C/HQ1	15	55.00	90.00	18.00	1.00	0.30	19.00	17.00	14.50	22,000	36,000	95	54	280	82	560	103	0.380
H7011AC7HQ1	25	55.00	90.00	18.00	1.00	0.30	26.00	16.00	13.70	19,000	32,000	155	146	460	209	920	263	0.380
H7012C/HQ1	15	60.00	95.00	18.00	1.10	0.60	19.00	17.00	15.30	20,000	34,000	100	57	300	87	600	110	0.410
H7012AC/HQ1	25	60.00	95.00	18.00	1.10	0.60	27.00	16.20	14.40	18,000	30,000	160	157	480	225	960	283	0.410
H7013C/HQ1	15	65.00	100.00	18.00	1.10	0.60	20.00	20.20	18.60	19,000	32,000	115	63	340	95	680	120	0.420
H7013AC/HQ1	25	65.00	100.00	18.00	1.10	0.60	28.00	19.00	17.60	15,000	24,000	185	171	550	245	1,100	309	0.420
H7014C/HQ1	15	70.00	110.00	20.00	1.10	0.60	22.00	24.10	21.40	18,000	30,000	135	68	400	104	800	131	0.590
H7014AC/HQ1	25	70.00	110.00	20.00	1.10	0.60	31.00	22.60	20.10	15,000	24,000	210	186	630	266	1,260	335	0.590
H7015C/HQ1	15	75.00	115.00	20.00	1.10	0.60	23.00	26.20	25.50	16,000	26,000	140	70	420	107	840	135	0.630
H7015AC/HQ1	25	75.00	115.00	20.00	1.10	0.60	32.00	24.70	24.20	14,000	22,000	225	192	670	275	1,340	346	0.630
H7016C/HQ1	15	80.00	125.00	22.00	1.10	0.60	25.00	34.20	32.70	15,000	24,000	185	79	550	120	1,100	151	0.820
H7016AC/HQ1	25	80.00	125.00	22.00	1.10	0.60	35.00	32.30	31.00	13,000	20,000	290	215	870	308	1,740	388	0.820
H7017C/HQ1	15	85.00	130.00	22.00	1.10	0.60	25.00	35.00	35.20	14,000	22,000	190	81	570	124	1,140	155	0.860
H7017AC/HQ1	25	85.00	130.00	22.00	1.10	0.60	36.00	33.00	33.40	12,000	19,000	300	222	900	318	1,800	400	0.860
H7018C/HQ1	15	90.00	140.00	24.00	1.50	0.60	27.00	36.40	38.10	13,000	20,000	195	86	580	131	1,160	165	1.170
H7018AC/HQ1	25	90.00	140.00	24.00	1.50	0.60	39.00	34.30	36.10	11,000	18,000	310	236	930	338	1,860	426	1.170
H7019C/HQ1	15	95.00	145.00	24.00	1.50	0.60	28.00	44.40	45.20	12,000	19,000	240	92	720	140	1,440	176	1.180
H7019AC/HQ1	25	95.00	145.00	24.00	1.50	0.60	40.00	41.90	42.90	10,000	17,000	390	252	1,170	360	2,340	454	1.180
H7020C/HQ1	15	100.00	150.00	24.00	1.50	0.60	29.00	45.40	48.10	12,000	19,000	245	95	730	144	1,460	182	1.200
H7020AC/HQ1	25	100.00	150.00	24.00	1.50	1.00	41.00	42.70	44.70	10,000	17,000	400	260	1,200	372	2,400	468	1.200
H7021C/HQ1	15	105.00	160.00	26.00	2.00	1.00	31.00	46.10	49.20	11,000	18,000	250	98	750	148	1,500	187	1.580
H7021AC/HQ1	25	105.00	160.00	26.00	2.00	1.00	44.00	43.30	46.60	9,000	15,000	400	267	1,200	383	2,400	482	1.580
H7022C/HQ1	15	110.00	170.00	28.00	2.00	1.00	33.00	47.90	53.90	11,000	18,000	255	103	760	157	1,520	198	2.050
H7022AC/HQ1	25	110.00	170.00	28.00	2.00	1.00	47.00	45.10	51.10	9,000	15,000	410	283	1,230	405	2,460	510	2.050
H7024C/HQ1	15	120.00	180.00	28.00	2.00	1.00	34.00	58.30	64.90	10,000	17,000	315	112	940	171	1,880	215	2.070
H7024AC/HQ1	25	120.00	180.00	28.00	2.00	1.00	49.00	54.80	61.50	9,000	15,000	500	308	1,500	440	3,000	554	2.070
H7026C/HQ1	15	130.00	200.00	33.00	2.00	1.00	39.00	58.60	66.80	9,000	15,000	320	115	960	175	1,900	220	3.370
H7026AC/HQ1	25	130.00	200.00	33.00	2.00	1.00	55.00	55.10	63.20	8,000	13,000	500	315	1,500	451	3,000	567	3.370