



F_w 10~16mm

Boundary dimensions	Basic load ratings				Limiting speeds		Bearing numbers		Mass kg (approx.)	Appropriate ¹⁾ inner ring (as a reference)			
	mm				r/min		open end design	closed end design					
	F_w	D	C 0 -0.2	C_1 max	dynamic N	static kgf					grease	oil	
				C_r	C_{or}	C_r	C_{or}						
10	17	15	—	7 400	6 950	755	710	16 000	24 000	HMK1015	—	0.0120	IR 7×10×16
	17	20	—	10 200	10 500	1 040	1 070	16 000	24 000	HMK1020	—	0.0160	—
12	16	10	—	5 050	6 250	515	635	13 000	20 000	HK1210	—	0.0046	IR 8×12×10.5
	16	10	1.6	5 050	6 250	515	635	13 000	20 000	—	BK1210	0.0052	IR 8×12×10.5
	18	12	—	6 600	7 300	675	745	13 000	20 000	HK1212	—	0.0091	IR 8×12×12.5
	18	12	2.7	6 600	7 300	675	745	13 000	20 000	—	BK1212	0.0100	IR 8×12×12.5
	19	12	—	7 100	6 900	725	705	13 000	20 000	HMK1212	—	0.0110	IR 8×12×12.5
	19	15	—	9 400	9 900	955	1 010	13 000	20 000	HMK1215	—	0.0140	IR 9×12×16
	19	20	—	12 300	14 000	1 260	1 430	13 000	20 000	HMK1220	—	0.0180	—
13	19	25	—	15 300	18 600	1 560	1 890	13 000	20 000	HMK1225	—	0.0230	—
	19	12	—	6 950	7 900	705	805	12 000	18 000	HK1312	—	0.0100	IR10×13×12.5
14	19	12	2.7	6 950	7 900	705	805	12 000	18 000	—	BK1312	0.0110	IR10×13×12.5
	20	12	—	7 200	8 500	735	865	11 000	17 000	HK1412	—	0.0110	IR10×14×13
	20	12	2.7	7 200	8 500	735	865	11 000	17 000	—	BK1412	0.0120	IR10×14×13
	20	16	—	10 700	14 000	1 090	1 430	11 000	17 000	HK1416	—	0.0150	—
	20	16	2.7	10 700	14 000	1 090	1 430	11 000	17 000	—	BK1416	0.0160	—
	22	16	—	11 500	12 000	1 180	1 220	11 000	17 000	HMK1416	—	0.0190	IR10×14×20
15	22	20	—	14 600	16 200	1 490	1 650	11 000	17 000	HMK1420	—	0.0240	—
	21	12	—	7 500	9 100	765	930	11 000	16 000	HK1512	—	0.0110	IR12×15×12.5
	21	12	2.7	7 500	9 100	765	930	11 000	16 000	—	BK1512	0.0130	IR12×15×12.5
	21	16	—	10 700	14 400	1 090	1 470	11 000	16 000	HK1516	—	0.0150	IR12×15×16.5
	21	16	2.7	10 700	14 400	1 090	1 470	11 000	16 000	—	BK1516	0.0170	IR12×15×16.5
	21	22	—	12 900	18 200	1 310	1 860	11 000	16 000	HK1522ZWD	—	0.0200	IR12×15×22.5
	21	22	2.7	12 900	18 200	1 310	1 860	11 000	16 000	—	BK1522ZWD	0.0220	IR12×15×22.5
	22	10	—	6 100	6 000	620	610	11 000	16 000	HMK1510	—	0.0110	IR10×15×12.5
	22	12	—	7 950	8 450	810	860	11 000	16 000	HMK1512	—	0.0130	IR12×15×12.5
	22	15	—	10 900	12 700	1 120	1 300	11 000	16 000	HMK1515	—	0.0160	IR12×15×16
16	22	20	—	14 900	18 900	1 510	1 920	11 000	16 000	HMK1520	—	0.0220	IR12×15×22.5
	22	25	—	18 500	25 000	1 880	2 550	11 000	16 000	HMK1525	—	0.0270	—
	22	12	—	7 750	9 700	795	990	10 000	15 000	HK1612	—	0.0120	IR12×16×13

Note 1) Bearing with inner ring is represented by HK+IR. (Refer to "Inner Ring Dimensions Table" on page B-117, B118.)
EX. HK1312 + IR10×13×12.5