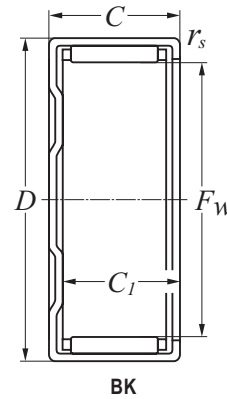
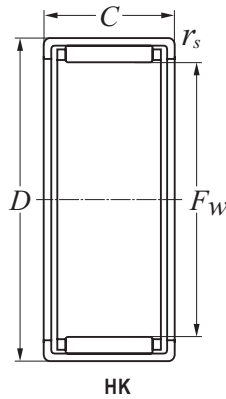


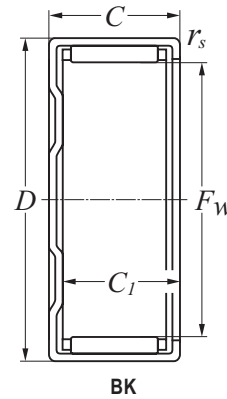
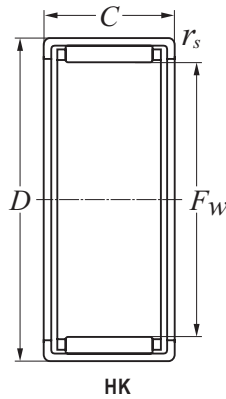


Technical Information



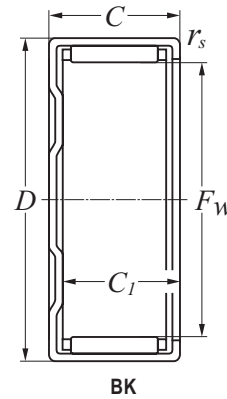
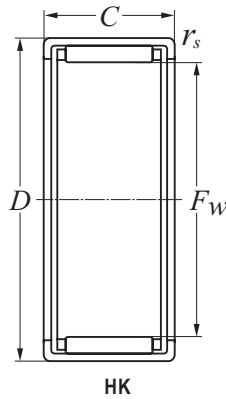
Inner bore F_w mm	Bearing number		Principal dimensions		Basic load ratings		Limiting speed $n_{1grease}$ min ⁻¹	Mass	
	with open end	with closed end	D mm	C mm	dynamic C N	static C_o N		HK g	BK g
3	+HK 0306 TN	+BK 0306 TN	6.5	6	900	600	33600	1.0	1.0
4	+HK 0408 TN	+BK 0408 TN	8	8	1300	1000	30100	1.6	1.8
5	+HK 0509	+BK 0509	9	9	1900	1500	27300	2.0	2.1
6	+HK 0608	-	10	8	1600	1300	25900	2.1	-
6	+HK 0609	+BK 0609	10	9	2200	2000	25900	2.5	2.6
7	HK 0709	BK 0709	11	9	2400	2300	23100	2.6	2.9
8	HK 0808	BK 0808	12	8	2200	2000	20300	2.7	3.0
8	HK 0810	BK 0810	12	10	3000	3100	20300	3.0	3.4
9	HK 0908	-	13	8	3000	3300	18900	3.0	-
9	HK 0910	BK 0910	13	10	3400	3700	18900	4.0	4.3
9	HK 0912	BK 0912	13	12	4200	5000	18900	4.6	4.9
10	HK 1010	BK 1010	14	10	3500	4000	16800	4.1	4.3
10	HK 1012	BK 1012	14	12	4400	5400	16800	4.8	5.0
10	HK 1015	BK 1015	14	15	5400	7000	16800	6.0	6.2
12	HK 1210	BK 1210	16	10	3900	4900	14700	4.6	5.2
12	HK 1212	BK 1212	18	12	5200	5800	14000	9.1	10.3
13	HK 1312	BK 1312	19	123	5400	6300	13300	9.5	11.2
14	HK 1412	BK 1412	20	12	5600	6800	12600	10.5	12.1
15	HK 1512	BK 1512	21	12	6300	7500	11200	11.1	12.7
15	HK 1516	BK 1516	21	16	8400	11500	11200	15.0	16.5
15	°HK 1522	°BK 1522	21	22	10700	15600	11200	20.4	22.0
16	HK 1612	BK 1612	22	12	6000	7700	11200	11.7	13.8
16	HK 1616	BK 1616	22	16	8700	12200	11200	15.8	17.6
16	HK 1622	°BK 1622	22	22	10400	15500	11200	21.7	23.4
17	HK 1712	BK 1712	23	12	6300	8200	10500	12.2	14.5
18	HK 1812	BK 1812	24	12	6400	8700	9800	13.1	14.9
18	HK 1816	BK 1816	24	16	9200	13800	9800	17.5	19.9
20	HK 2010	-	26	10	5100	6500	9100	11.8	-
20	HK 2012	BK 2012	26	12	6800	9600	9100	14.1	16.7
20	HK 2016	BK 2016	26	16	10100	16000	9100	19.3	22.3
20	HK 2020	BK 2020	26	20	12500	20800	9100	24.1	27.1
20	°HK 2030	°BK 2030	26	30	17400	32000	9100	34.7	37.4
22	HK 2210	-	28	10	6000	8400	8400	12.3	-
22	HK 2212	BK 2212	28	12	7200	10700	8400	15.0	18.1





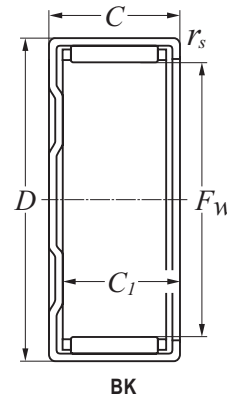
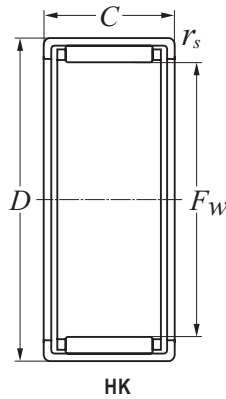
Inner bore F_w mm	Bearing number		Dimensions		Suitable inner rings (order separately)		
	Standard sizes		$C_{l\ min}$ mm	r_s mm	LR	mm	IR
3	+HK 0306 TN	+BK 0306 TN	5.2	0.3	-		-
4	+HK 0408 TN	+BK 0408 TN	6.4	0.3	-		-
5	+HK 0509	+BK 0509	7.4	0.4	-		-
6	+HK 0608	-	-	0.4	-		-
6	+HK 0609	+BK 0609	7.4	0.4	-		-
7	HK 0709	BK 0709	7.4	0.4	-		-
8	HK 0808	BK 0808	6.4	0.4	-		-
8	HK 0810	BK 0810	8.4	0.4	-		IR 5 x 8 x 12.0
9	HK 0908	-	-	0.4	-		-
9	HK 0910	BK 0910	8.4	0.4	-		-
9	HK 0912	BK 0912	10.4	0.4	-		IR 6 x 9 x 12.0
10	HK 1010	BK 1010	8.4	0.4	LR 7 x 10 x 10.5		IR 7 x 10 x 10.5
10	HK 1012	BK 1012	10.4	0.4	-		IR 7 x 10 x 12.0
10	HK 1015	BK 1015	13.4	0.4	-		IR 7 x 10 x 16.0
12	HK 1210	BK 1210	8.4	0.4	LR 8 x 12 x 10.5		IR 8 x 12 x 10.5
12	HK 1212	BK 1212	9.3	0.8	LR 8 x 12 x 12.5		IR 8 x 12 x 12.5
13	HK 1312	BK 1312	9.3	0.8	LR 10 x 13 x 12.5		IR 10 x 13 x 12.5
14	HK 1412	BK 1412	9.3	0.8	-		IR 10 x 14 x 13.0
15	HK 1512	BK 1512	9.3	0.8	LR 12 x 15 x 12.5		IR 12 x 15 x 12.5
15	HK 1516	BK 1516	13.3	0.8	LR 12 x 15 x 16.5		IR 12 x 15 x 16.5
15	°HK 1522	°BK 1522	19.3	0.8	LR 12 x 15 x 22.5		IR 12 x 15 x 22.5
16	HK 1612	BK 1612	9.3	0.8	-		IR 12 x 16 x 13.0
16	HK 1616	BK 1616	13.3	0.8	-		IR 12 x 16 x 16.0
16	HK 1622	°BK 1622	19.3	0.8	-		IR 12 x 16 x 22.0
17	HK 1712	BK 1712	9.3	0.8	-		-
18	HK 1812	BK 1812	9.3	0.8	LR 15 x 18 x 12.5		-
18	HK 1816	BK 1816	13.3	0.8	LR 15 x 18 x 16.5		IR 15 x 18 x 16.5
20	HK 2010	-	-	0.8	-		-
20	HK 2012	BK 2012	9.3	0.8	-		IR 15 x 20 x 13.0
20	HK 2016	BK 2016	13.3	0.8	LR 17 x 20 x 16.5		IR 17 x 20 x 16.5
20	HK 2020	BK 2020	17.3	0.8	LR 17 x 20 x 20.5		IR 17 x 20 x 20.5
20	°HK 2030	°BK 2030	27.3	0.8	LR 17 x 20 x 30.5		IR 17 x 20 x 30.5
22	HK 2210	-	-	0.8	-		-
22	HK 2212	BK 2212	9.3	0.8	-		IR 17 x 22 x 13.0





Inner bore F_w mm	Bearing number		Principal dimensions		Basic load ratings		Limiting speed $n_{1grease}$ min ⁻¹	Mass	
	with open end	with closed end	D mm	C mm	dynamic C N	static C_o N		HK g	BK g
22	HK 2216	BK 2216	28	16.0	10700	17600	8400	20.9	24.3
22	HK 2220	+BK 0306 TN	28	20.0	1300	23200	8400	26.2	29.9
22	-	-	28	7.5	4600	6000	8400	8.8	-
24	-	-	30	7.5	4800	6500	7700	10.6	-
25	HK 2512	BK 2512	32	12.0	8800	12100	7000	20.0	23.2
25	HK 2516	BK 2516	32	16.0	12400	19200	7000	27.3	31.0
25	HK 2520	BK 2520	32	20.0	15900	26400	7000	34.1	38.7
25	HK 2526	BK 2526	32	26.0	20400	36000	7000	44.8	49.0
25	[°] HK 2538	[°] BK 2538	32	38.0	27200	52800	7000	64.7	69.0
28	HK 2816	BK 2816	35	16.0	13100	21200	6300	30.1	34.1
28	HK 2820	BK 2820	35	20.0	16700	28800	6300	37.6	43.0
30	HK 3012	BK 3012	37	12.0	9600	14500	5900	24.0	27.9
30	HK 3016	BK 3016	37	16.0	13700	23200	5900	32.0	37.1
30	HK 3020	BK 3020	37	20.0	17600	23600	5900	40.1	46.5
30	HK 3026	BK 3026	37	26.0	22400	43200	5900	52.9	59.4
30	[°] HK 3038	[°] BK 3038	37	38.0	30000	63200	5900	76.1	82.5
32	-	-	39	24.0	22000	43200	5600	50.7	-
35	HK 3512	BK 3512	42	12.0	10400	17000	5200	27.7	32.9
35	HK 3516	BK 3516	42	16.0	14900	26800	5200	36.9	43.8
35	HK 3520	BK 3520	42	20.0	19000	36800	5200	46.1	54.8
40	HK 4012	BK 4012	47	12.0	11200	19400	4500	31.1	38.2
40	HK 4016	BK 4016	47	16.0	16000	30800	4500	41.4	51.0
40	HK 4020	BK 4020	47	20.0	20400	42100	4500	51.8	62.0
45	HK 4512	-	52	12.0	11920	22000	4200	34.8	-
45	HK 4516	BK 4516	52	16.0	17000	34400	4200	46.2	56.0
45	HK 4520	BK 4520	52	20.0	21600	47200	4200	57.8	70.9
50	HK 5020	BK 5020	58	20.0	24800	50400	3800	72.0	87.3
50	HK 5025	BK 5025	58	25.0	30800	67200	3800	90.1	109.0
50	-	-	57	16.0	14500	29200	3800	51.2	-
55	HK 5520	BK 5520	63	20.0	25200	53600	3300	78.0	93.8
55	HK 5528	BK 5528	63	28.0	35200	82400	3300	111.0	132.0
60	HK 6012	BK 6012	68	12.0	13900	25600	3000	49.2	77.0
60	HK 6020	BK 6020	68	20.0	26800	60000	3000	86.0	105.0
60	HK 6032	BK 6032	68	32.0	42400	108000	3000	136.0	164





Inner bore F_w mm	Bearing number		Dimensions		Suitable inner rings (order separately)	
	Standard sizes		$C_{l\ min}$ mm	r_s mm	LR mm	IR
22	HK 2216	BK 2216	13.3	0.8	-	IR 17 x 22 x 16.0
22	HK 2220	+BK 0306 TN	17.3	0.8	-	-
22	-	-	-	0.8	-	-
24	-	-	-	0.8	-	-
25	HK 2512	BK 2512	9.3	0.8	LR 20 x 25 x 12.5	-
25	HK 2516	BK 2516	13.3	0.8	LR 20 x 25 x 16.5	IR 20 x 25 x 17.0
25	HK 2520	BK 2520	17.3	0.8	LR 20 x 25 x 20.5	IR 20 x 25 x 20.5
25	HK 2526	BK 2526	23.3	0.8	LR 20 x 25 x 26.5	IR 20 x 25 x 26.5
25	[°] HK 2538	[°] BK 2538	35.3	0.8	LR 20 x 25 x 38.5	IR 20 x 25 x 38.5
28	HK 2816	BK 2816	13.3	0.8	-	IR 22 x 28 x 17.0
28	HK 2820	BK 2820	17.3	0.8	LR 22 x 28 x 20.5	IR 22 x 28 x 20.5
30	HK 3012	BK 3012	9.3	0.8	LR 25 x 30 x 12.5	-
30	HK 3016	BK 3016	13.3	0.8	LR 25 x 30 x 16.5	IR 25 x 30 x 17.0
30	HK 3020	BK 3020	17.3	0.8	LR 25 x 30 x 20.5	IR 25 x 30 x 20.5
30	HK 3026	BK 3026	23.3	0.8	LR 25 x 30 x 26.5	IR 25 x 30 x 26.5
30	[°] HK 3038	[°] BK 3038	35.3	0.8	LR 25 x 30 x 38.5	IR 25 x 30 x 38.5
32	-	-	-	0.8	-	-
35	HK 3512	BK 3512	9.3	0.8	LR 30 x 35 x 12.5	-
35	HK 3516	BK 3516	13.3	0.8	LR 30 x 35 x 16.5	IR 30 x 35 x 17.0
35	HK 3520	BK 3520	17.3	0.8	LR 30 x 35 x 20.5	IR 30 x 35 x 20.5
40	HK 4012	BK 4012	9.3	0.8	LR 35 x 40 x 12.5	-
40	HK 4016	BK 4016	13.3	0.8	LR 35 x 40 x 16.5	-
40	HK 4020	BK 4020	17.3	0.8	LR 35 x 40 x 20.5	IR 35 x 40 x 20.5
45	HK 4512	-	-	0.8	-	-
45	HK 4516	BK 4516	13.3	0.8	LR 40 x 45 x 16.5	-
45	HK 4520	BK 4520	17.3	0.8	LR 40 x 45 x 20.5	IR 40 x 45 x 20.5
50	HK 5020	BK 5020	17.3	0.8	LR 45 x 50 x 20.5	-
50	HK 5025	BK 5025	22.3	0.8	LR 45 x 50 x 25.5	IR 45 x 50 x 25.5
50	-	-	-	0.8	-	-
55	HK 5520	BK 5520	17.3	0.8	LR 50 x 55 x 20.5	-
55	HK 5528	BK 5528	25.3	0.8	-	-
60	HK 6012	BK 6012	9.3	0.8	-	-
60	HK 6020	BK 6020	17.3	0.8	-	-
60	HK 6032	BK 6032	29.3	0.8	-	-

