

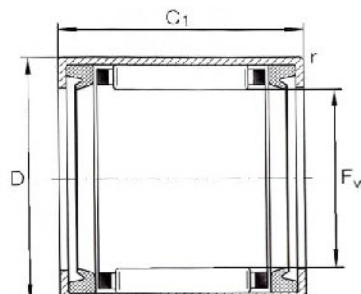
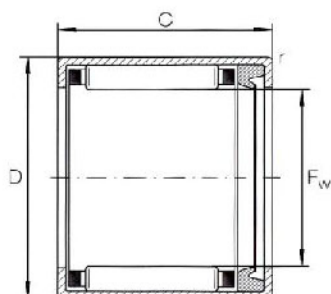


Drawn cup needle roller bearings



Dimension table . Dimensions in mm

Shaft diameter	Drawn cup needle roller bearing sealed on one side Designation	Mass ≈ g	Drawn cup needle roller bearing sealed on one side Designation	Mass ≈ g	Drawn cup needle roller bearing sealed on one side Designation	Mass ≈ g	Dimensions			
							F _w	D	C -0.3	C ₁ -0.3
8	HK 0810 RS	3	HK 0812 2RS	3.3	-	-	8	12	10	12
10	HK 1012 RS	4.2	HK 1014 2RS	4.6	-	-	10	14	12	14
12	HK 1214 RS	10	HK 1216 2RS	11	-	-	12	18	14	16
14	HK 1414 RS	12	HK 1416 2RS	13	BK 1414 RS	13	14	20	14	16
15	HK 1514 RS	12	HK 1516 2RS	15	-	-	15	21	14	16
	HK 1518 RS	16	HK 1520 2RS	18	-	-	15	21	18	20
16	HK 1614 RS	13	HK 1616 2RS	14	BK 1614 RS	15	16	22	14	16
	-	-	HK 1620 2RS	18	-	-	16	22	-	20
18	HK 1814 RS	14	HK 1816 2RS	15	-	-	18	24	14	16
20	-	-	HK 2016 2RS	18	-	-	20	26	-	16
	HK 2018 RS	21	HK 2020 2RS	23	BK 2018 RS	24	20	26	18	20
22	HK 2214 RS	16	HK 2216 2RS	18	-	-	22	28	14	16
	HK 2218 RS	24	HK 2220 2RS	26	-	-	22	28	18	20
25	-	-	HK 2516 2RS	27	-	-	25	32	-	16
	HK 2518 RS	29	HK 2520 2RS	31	BK 2518 RS	34	25	32	18	20
	-	-	HK 2524 2RS	40	-	-	25	32	-	24
	-	-	HK 2530 2RS	47	-	-	25	32	-	30
28	HK 2818 RS	31	HK 2820 2RS	34	-	-	28	35	18	20
30	-	-	HK 3016 2RS	31	-	-	30	37	-	16
	HK 3018 RS	37	HK 3020 2RS	36	-	-	30	37	18	20
	-	-	HK 3024 2RS	44	-	-	30	37	-	24
35	-	-	HK 3516 2RS	32	-	-	35	42	-	16
	HK 3518 RS	39	HK 3520 2RS	41	-	-	35	42	18	20
40	-	-	HK 4016 2RS	37	-	-	40	47	-	16
	HK 4018 RS	45	HK 4020 2RS	48	-	-	40	47	18	20
45	HK 4518 RS	50	HK 4520 2RS	54	-	-	45	52	18	20
50	HK 5022 RS	76	HK 5024 2RS	81	-	-	50	58	22	24



Dimension table . Dimensions in mm

C _t	r	Basic load ratings		Fatigue load P _u	Limiting speed ¹⁾ n _G grease	Suitable inner rings ²⁾			Shaft diameter
		dynamic C _o N	static C _o N			The following items must be ordered separately: for HK..RS and HK..2RS		for BK..RS	
min	min			N	min ⁻¹	LR Designation	IR Designation	LR, IR Designation	
-	0.4	2 612	2 470	270	19 000	-	-	-	8
-	0.4	4 180	4 845	598	16 150	-	-	-	10
-	0.8	6 175	6 935	807	13 300	-	-	-	12
-	0.8	6 745	8 075	940	11 400	-	-	-	14
-	0.8	7 410	9 310	1 092	10 450	LR 12X15X16.5	IR 12X15X16.5	LR 12X15X12.5	15
-	0.8	9 975	13 680	1 662	10 450	-	-	-	16
-	0.8	7 220	9 215	1 073	10 450	-	IR 12X16X20	IR 12X16X13	16
-	0.8	10 355	14 535	1 776	10 450	-	-	-	18
-	0.8	7 695	10 355	1 206	9 025	LR 15X18X16.5	IR 15X18X16.5	-	18
-	0.8	8 170	11 495	1 339	8 075	LR 17X20X16.5	IR 17X20X16.5	-	20
-	0.8	12 065	19 095	2 346	8 075	LR 17X20X20.5	IR 17X20X20.5	LR 17X20X16.5	20
-	0.8	8 645	12 730	1 482	7 600	-	IR 17X22X16	-	22
-	0.8	12 730	20 995	2 565	7 600	-	IR 17X22X23	-	22
-	0.8	10 450	14 440	1 719	6 650	LR 20X25X16.5	IR 20X25X17	-	25
-	0.8	14 820	22 800	2 802	6 650	LR 20X25X20.5	IR 20X25X20.5	LR 20X25X16.5	25
-	0.8	18 905	31 350	3 705	6 650	-	-	-	25
-	0.8	24 225	42 750	5 415	6 650	-	IR 20X25X30	-	25
-	0.8	15 580	25 175	3 087	5 700	LR 22X28X20.5	IR 22X28X20.5	-	28
-	0.8	11 495	17 290	2 061	5 700	LR 25X30X16.5	IR 25X30X17	-	30
-	0.8	16 340	27 550	3 325	5 700	LR 25X30X20.5	IR 25X30X20.5	-	30
-	0.8	20 900	37 525	4 465	5 700	-	-	-	30
-	0.8	12 445	20 235	2 422	4 750	LR 30X35X16.5	IR 30X35X17	-	35
-	0.8	17 765	31 825	3 895	4 750	LR 30X35X20.5	IR 30X35X20.5	-	35
-	0.8	13 300	23 085	2 755	4 275	LR 35X40X16.5	IR 35X40X17	-	40
-	0.8	19 000	36 575	4 465	4 275	LR 35X40X20.5	IR 35X40X20.5	-	40
-	0.8	20 235	40 850	5 035	3 800	LR 40X45X20.5	IR 40X45X20.5	-	45
-	0.8	29 450	59 850	7 220	3 420	LR 45X50X25.5	IR 45X50X25.5	-	50