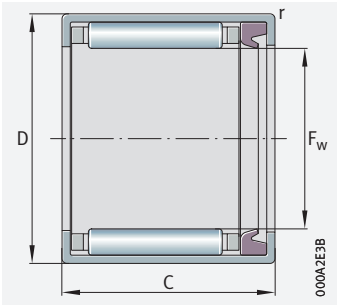
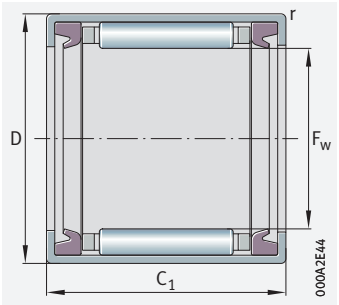
Drawn cup needle roller bearings with open ends

Drawn cup needle roller bearings with closed end

Sealed



HK..-RS



HK..-2RS

F_w = 8 – 50 mm

Main dimensions				Basic load ratings		Fatigue limit load	Limiting speed	Drawn cup needle roller bearings with open ends			
								Sealed on one side		Sealed on both sides	
F_w	D	C 0 −0,3	C_1 0 −0,3	dyn. C_r N	stat. C_{0r} N	C_{ur} N	n_G grease min^{-1}	Mass m ≈ g	Designation ➤*904|1.12* ➤*904|1.13*	Mass m ≈ g	Designation ➤*904|1.12* ➤*904|1.13*
8	12	–	10	2 180	1 930	270	17 700	–	–	3,2	**HK0810-2RS**
	12	10	12	2 750	2 600	300	17 700	3	**HK0810-RS**	3,3	**HK0812-2RS**
	12	12	–	3 800	3 950	510	17 700	3,1	**HK0812-RS**	–	–
10	14	–	10	2 410	2 330	405	14 600	–	–	4	**HK1010-2RS**
	14	12	12	3 200	3 350	385	14 600	–	–	4,3	**HK1012-2RS**
	14	12	14	4 400	5 100	670	14 600	4,2	**HK1012-RS**	4,6	**HK1014-2RS**
12	16	–	14	4 950	6 200	820	12 400	–	–	11	**HK1214-2RS**
	18	14	16	6 500	7 300	880	12 000	10	**HK1214-RS**	11	**HK1216-2RS**
14	20	14	16	7 100	8 500	1 030	10 500	12	**HK1414-RS**	13	**HK1416-2RS**
15	21	14	16	7 800	9 800	1 210	9 900	12	**HK1514-RS**	15	**HK1516-2RS**
	21	18	20	10 500	14 400	1 810	9 900	16	**HK1518-RS**	18	**HK1520-2RS**
16	22	14	16	7 600	9 700	1 180	9 300	13	**HK1614-RS**	14	**HK1616-2RS**
	22	–	20	10 900	15 300	1 940	9 300	–	–	18	**HK1620-2RS**
18	24	14	16	8 100	10 900	1 330	8 400	14	**HK1814-RS**	15	**HK1816-2RS**
20	26	–	16	8 600	12 100	1 480	7 600	–	–	18	**HK2016-2RS**
	26	18	20	12 700	20 100	2 550	7 600	21	**HK2018-RS**	23	**HK2020-2RS**
22	28	14	16	9 100	13 400	1 630	7 000	16	**HK2214-RS**	18	**HK2216-2RS**
	28	18	20	13 400	22 100	2 850	7 000	24	**HK2218-RS**	26	**HK2220-2RS**
25	32	–	16	11 000	15 200	2 030	6 100		–	27	**HK2516-2RS**
	32	18	20	15 600	24 000	3 200	6 100	29	**HK2518-RS**	31	**HK2520-2RS**
	32	–	24	19 900	33 000	4 300	6 100	–	–	40	**HK2524-2RS**
	32	–	30	25 500	45 000	6 300	6 100	–	–	47	**HK2530-2RS**
28	35	18	20	16 400	26 500	3 500	5 500	31	**HK2818-RS**	34	**HK2820-2RS**
30	37	–	16	12 100	18 200	2 440	5 200	–	–	31	**HK3016-2RS**
	37	18	20	17 200	29 000	3 850	5 200	37	**HK3018-RS**	36	**HK3020-2RS**
	37	–	24	22 000	39 500	5 100	5 200	–	–	44	**HK3024-2RS**
35	42	–	16	13 100	21 300	2 850	4 500	–	–	32	**HK3516-2RS**
	42	18	20	18 700	33 500	4 450	4 500	39	**HK3518-RS**	41	**HK3520-2RS**
40	47	–	16	14 000	24 300	3 250	3 950	–	–	37	**HK4016-2RS**
	47	18	20	20 000	38 500	5 100	3 950	45	**HK4018-RS**	48	**HK4020-2RS**
45	52	18	20	21 300	43 000	5 800	3 550	50	**HK4518-RS**	54	**HK4520-2RS**
50	58	22	24	31 000	63 000	8 400	3 150	76	**HK5022-RS**	81	**HK5024-2RS**

medias *https://www.schaeffler.de/std/1F9A*