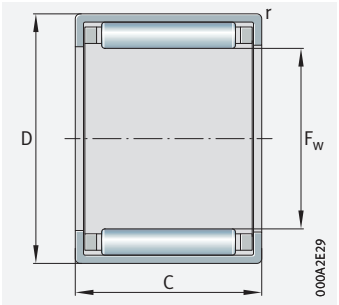
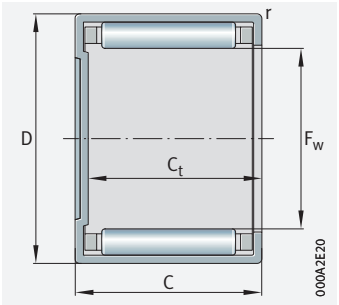
Drawn cup needle roller bearings with open ends

Drawn cup needle roller bearings with closed end

Unsealed



HK



BK

F_w = 2 – 16 mm

Main dimensions			Basic load ratings		Fatigue limit load	Limiting speed	Speed rating	Drawn cup needle roller bearings with open ends		Drawn cup needle roller bearings with closed end	
F_w	D	C	dyn. C_r	stat. C_{0r}	C_{ur}	n_G	$n_{\vartheta r}$	Mass m	Designation ➤*904|1.12* ➤*904|1.13*	Mass m	Designation ➤*904|1.12* ➤*904|1.13*
		–0,3	N	N	N	min^{-1}	min^{-1}	≈ g		≈ g	
2	4,6	5	465	265	45,5	58 000	93 000	0,3	**HK0205-TV**[1]	–	–
3	6,5	6	1 230	840	145	48 000	57 000	1	**HK0306-TV**[1]	1	**BK0306-TV**[1]
4	8	8	1 780	1 310	147	42 500	44 500	1,5	**HK0408**[1]	1,6	**BK0408**[1]
5	9	9	2 400	1 990	243	39 000	36 500	2	**HK0509**[1]	2,1	**BK0509**[1]
6	10	6	1 610	1 220	212	36 500	31 500	1,5	**HK0606**[1]	–	–
	10	8	2 030	1 650	187	36 500	31 500	2,1	**HK0608**[1]	–	–
	10	9	2 850	2 600	320	36 500	30 500	2,5	**HK0609**	2,6	**BK0609**
7	11	9	3 100	2 950	360	33 000	26 500	2,6	**HK0709**	2,9	**BK0709**
8	12	8	2 750	2 600	300	29 500	23 800	2,7	**HK0808**	3	**BK0808**
	12	10	3 800	3 950	510	29 500	23 200	3	**HK0810**	3,4	**BK0810**
9	13	8	3 550	3 750	450	26 500	20 600	3	**HK0908**	–	–
	13	10	4 250	4 650	610	26 500	20 600	4	**HK0910**	4,3	**BK0910**
	13	12	5 300	6 300	870	26 500	20 200	4,6	**HK0912**	4,9	**BK0912**
10	14	10	4 400	5 100	670	24 300	18 700	4,1	**HK1010**	4,3	**BK1010**
	14	12	5 500	6 800	950	24 300	18 400	4,8	**HK1012**	5	**BK1012**
	14	15	6 800	8 800	1 230	24 300	18 200	6	**HK1015**	6,2	**BK1015**
12	16	10	4 950	6 200	820	20 700	15 700	4,6	**HK1210**	5,2	**BK1210**
	18	12	6 500	7 300	880	20 000	15 500	9	**HK1212**	10	**BK1212**
	18	16	9 300	11 500	1 450	20 000	15 100	13	**HK1216**	–	–
13	19	12	6 800	7 900	960	18 700	14 400	10	**HK1312**	11	**BK1312**
14	20	12	7 100	8 500	1 030	17 500	13 500	10,5	**HK1412**	12	**BK1412**
15	21	12	7 900	9 400	1 170	16 300	12 300	11	**HK1512**	13	**BK1512**
	21	16	10 500	14 400	1 810	16 500	12 300	15	**HK1516**	17	**BK1516**
	21	22	13 400	19 500	2 420	16 500	12 300	20	**HK1522-ZW**	–	–
16	22	12	7 600	9 700	1 180	15 600	11 900	12	**HK1612**	14	**BK1612**
	22	16	10 900	15 300	1 940	15 600	11 600	16	**HK1616**	18	**BK1616**
	22	22	13 100	19 400	2 360	15 600	11 700	22	**HK1622-ZW**	24	**BK1622-ZW**

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

1) Not available with lubrication hole.

2) For unsealed drawn cup needle roller bearings, dimensionally matched sealing rings of series G or SD can be used to provide protection against contamination.