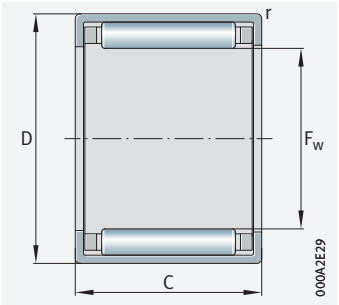
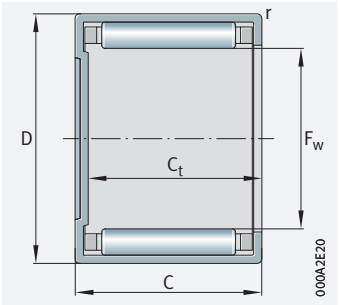
Drawn cup needle roller bearings with open ends

Drawn cup needle roller bearings with closed end

Unsealed



HK



BK with F_w < 25 mm

F_w = 17 – 30 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	
17	23	12	7 900	10 300	1 260	14 700	11 200	12	**HK1712**	–	–
18	24	12	8 100	10 900	1 330	14 000	10 700	13	**HK1812**	15	**BK1812**
	24	16	11 600	17 300	2 180	14 000	10 400	18	**HK1816**	20	**BK1816**
20	26	10	6 400	8 200	1 060	12 700	10 000	12	**HK2010**	–	–
	26	12	8 600	12 100	1 480	12 700	9 700	14	**HK2012**	–	–
	26	16	12 700	20 100	2 550	12 700	9 300	19	**HK2016**	22	**BK2016**
	26	20	15 700	26 000	3 600	12 700	9 300	24	**HK2020**	27	**BK2020**
	26	30	21 800	40 000	5 100	12 700	9 200	35	**HK2030-ZW**	–	–
22	28	10	7 500	10 500	1 390	11 700	9 000	13	**HK2210**	–	–
	28	12	9 100	13 400	1 630	11 700	8 900	15	**HK2212**	18	**BK2212**
	28	16	13 400	22 100	2 850	11 700	8 500	21	**HK2216**	24	**BK2216**
	28	20	16 500	29 000	3 950	11 700	8 500	26	**HK2220**	–	–
25	32	12	11 000	15 200	2 030	10 200	7 800	20	**HK2512**	–	–
	32	16	15 600	24 000	3 200	10 200	7 500	27	**HK2516**	32	**BK2516**
	32	20	19 900	33 000	4 300	10 200	7 400	33	**HK2520**	38	**BK2520**
	32	26	25 500	45 000	6 300	10 200	7 300	44	**HK2526**	48	**BK2526**
	32	38	34 000	66 000	8 600	10 200	7 300	64	**HK2538-ZW**	68	**BK2538-ZW**
28	35	16	16 400	26 500	3 500	9 200	6 800	29	**HK2816**	–	–
	35	20	20 900	36 000	4 700	9 200	6 700	36	**HK2820**	–	–
30	37	12	12 100	18 200	2 440	8 600	6 600	23	**HK3012**	28	**BK3012**
	37	16	17 200	29 000	3 850	8 600	6 400	31	**HK3016**	38	**BK3016**
	37	20	22 000	39 500	5 100	8 600	6 300	39	**HK3020**	47	**BK3020**
	37	22	24 800	46 000	6 200	8 600	6 200	42	**HK3022**	–	–
	37	26	28 000	54 000	7 600	8 600	6 200	51	**HK3026**	58	**BK3026**
	37	38	37 500	79 000	10 300	8 600	6 200	76	**HK3038-ZW**	84	**BK3038-ZW**

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

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