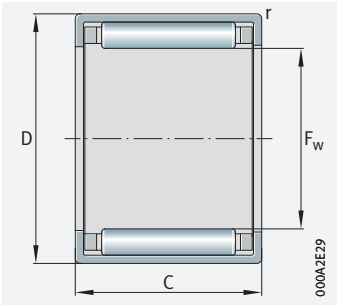
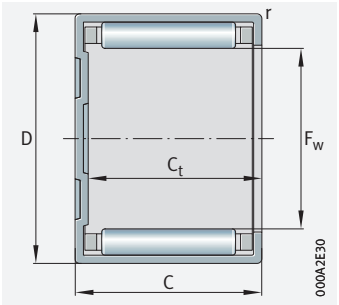
Drawn cup needle roller bearings with open ends

Drawn cup needle roller bearings with closed end

Unsealed



HK



BK

F_w = 32 – 60 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	
32	39	20	23 000	42 500	5 600	8 100	5 900	40,6	**HK3220**	–	–
	39	24	27 500	54 000	7 500	8 100	5 900	49	**HK3224**	–	–
35	42	12	13 100	21 300	2 850	7 500	5 800	27	**HK3512**	–	–
	42	16	18 700	33 500	4 450	7 500	5 600	36	**HK3516**	–	–
	42	20	23 800	46 000	6 000	7 500	5 500	44	**HK3520**	53	**BK3520**
40	47	12	14 000	24 300	3 250	6 600	5 200	30	**HK4012**	–	–
	47	16	20 000	38 500	5 100	6 600	5 000	39	**HK4016**	–	–
	47	20	25 500	52 000	6 900	6 600	4 900	54	**HK4020**	62	**BK4020**
45	52	12	14 900	27 500	3 650	5 900	4 650	33	**HK4512**	–	–
	52	16	21 300	43 000	5 800	5 900	4 550	46	**HK4516**	–	–
	52	20	27 000	59 000	7 700	5 900	4 450	56	**HK4520**	72	**BK4520**
50	58	20	31 000	63 000	8 400	5 300	4 050	70	**HK5020**	–	–
	58	25	38 500	84 000	11 900	5 300	4 000	90	**HK5025**	109	**BK5025**
55	63	20	31 500	67 000	8 900	4 850	3 800	74	**HK5520**	–	–
	63	28	44 000	103 000	14 900	4 850	3 700	105	**HK5528**	–	–
60	68	12	17 400	32 000	4 350	4 450	3 750	49	**HK6012**	–	–
	68	20	33 500	75 000	9 900	4 450	3 500	81	**HK6020**	–	–
	68	32	53 000	135 000	20 000	4 450	3 400	136	**HK6032**	–	–

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.