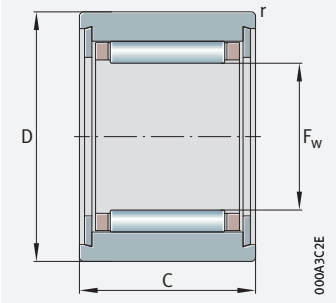
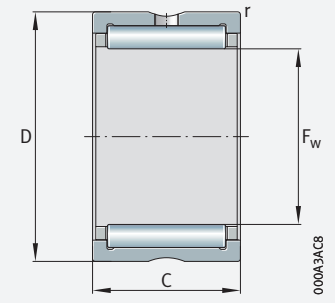
Needle roller bearings with ribs

Without inner ring
Open



NK (F_w ≦ 10 mm)



NK (F_w ≧ 12 mm), RNA49, RNA69

F_w = 5 – 19 mm

Main dimensions			Basic load ratings		Fatigue limit load	Limiting speed	Speed rating	Mass	Designation
F_w	D	C	dyn. C_r	stat. C_{0r}	C_{ur}	n_G	$n_{\vartheta r}$	m	➤*936* | *1.12* ➤*937* | *1.13* X-life ➤*930*
			N	N	N	min^{-1}	min^{-1}	≈ g	
5	10	10	2 650	1 920	300	39 000	55 000	3,1	**NK5/10-TV-XL**[2]
	10	12	3 400	2 650	440	39 000	54 000	3,7	**NK5/12-TV-XL**[2]
6	12	10	2 950	2 280	360	36 500	48 500	4,7	**NK6/10-TV-XL**[2]
	12	12	3 800	3 150	530	36 500	47 500	5,7	**NK6/12-TV-XL**[2]
7	14	10	3 250	2 650	420	34 500	43 000	6,9	**NK7/10-TV-XL**[2]
	14	12	4 150	3 600	610	34 500	42 000	8,2	**NK7/12-TV-XL**[2]
8	15	12	4 450	4 100	700	32 500	37 000	8,7	**NK8/12-TV-XL**[2]
	15	16	5 800	5 800	990	32 500	36 500	12	**NK8/16-TV-XL**[2]
9	16	12	5 100	5 000	860	31 000	32 000	10,3	**NK9/12-TV-XL**[2]
	16	16	6 600	7 100	1 210	31 000	32 000	12,8	**NK9/16-TV-XL**[2]
10	17	12	5 300	5 500	940	29 500	29 000	10,1	**NK10/12-TV-XL**[2]
	17	16	7 000	7 800	1 330	29 500	28 500	13,3	**NK10/16-TV-XL**[2]
12	19	12	7 200	7 100	1 310	26 500	22 400	12,1	**NK12/12-XL**
	19	16	10 100	11 000	1 950	26 500	21 600	15,9	**NK12/16-XL**
14	22	16	15 400	17 100	2 900	24 600	16 800	21,4	**NK14/16-D-XL**
	22	16	11 400	11 500	2 140	24 600	18 600	20,7	**NK14/16-XL**
	22	20	14 500	15 600	2 750	24 600	18 300	25,5	**NK14/20-XL**
	22	13	9 600	9 200	1 660	24 600	17 800	16,5	**RNA4900-XL**
15	23	16	12 100	12 700	2 360	23 900	17 300	21,8	**NK15/16-XL**
	23	20	15 400	17 200	3 050	23 900	17 000	26,6	**NK15/20-XL**
16	24	16	12 800	13 900	2 600	23 200	16 200	22,4	**NK16/16-XL**
	24	20	16 300	18 800	3 350	23 200	15 900	28,4	**NK16/20-XL**
	24	13	10 600	10 900	1 970	23 200	15 300	17,4	**RNA4901-XL**
	24	22	18 100	21 600	3 850	23 200	14 300	31	**RNA6901-XL**
17	25	16	13 500	15 000	2 800	22 600	15 300	23,7	**NK17/16-XL**
	25	20	17 100	20 400	3 600	22 600	15 000	29,8	**NK17/20-XL**
18	26	16	14 100	16 200	3 050	22 100	14 400	24,9	**NK18/16-XL**
	26	20	17 900	22 000	3 900	22 100	14 100	31,4	**NK18/20-XL**
19	27	16	14 700	17 400	3 250	21 600	13 700	26,1	**NK19/16-XL**
	27	20	18 700	23 600	4 200	21 600	13 400	32,2	**NK19/20-XL**

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

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

[2] With closing rings, without lubrication hole and groove.