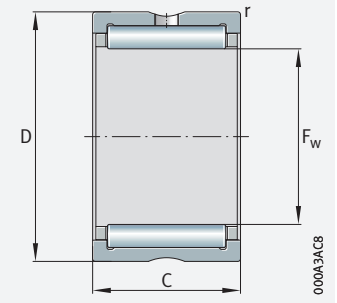
Needle roller bearings with ribs

Without inner ring
Open



NK, NKS, RNA49, RNA69

F_w = 20 – 29 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	
20	28	16	18 500	23 900	4 100	21 100	12 100	28,4	**NK20/16-D-XL**
	28	16	14 600	17 500	3 300	21 100	13 200	27	**NK20/16-XL**
	28	20	18 600	23 800	4 200	21 100	12 900	33,9	**NK20/20-XL**
	28	13	12 000	13 600	2 470	21 100	12 000	21,7	**RNA4902-XL**
	28	23	19 500	25 500	4 550	21 100	11 700	39,7	**RNA6902-XL**
	32	20	26 000	25 000	4 500	20 000	11 800	48,7	**NKS20-XL**
21	29	16	15 200	18 700	3 500	20 600	12 600	28,1	**NK21/16-XL**
	29	20	19 300	25 500	4 500	20 600	12 300	35,2	**NK21/20-XL**
22	30	16	15 800	19 900	3 750	20 000	12 000	30	**NK22/16-XL**
	30	20	20 000	27 000	4 800	20 000	11 700	37	**NK22/20-XL**
	30	13	12 400	14 600	2 650	20 000	10 900	22,2	**RNA4903-XL**
	30	23	21 100	29 000	5 200	20 000	10 500	42,4	**RNA6903-XL**
	35	20	27 500	28 000	5 000	18 500	10 900	61,5	**NKS22-XL**
24	32	16	16 900	22 300	4 200	18 500	11 000	31,9	**NK24/16-XL**
	32	20	21 400	30 500	5 400	18 500	10 700	40	**NK24/20-XL**
	37	20	29 500	31 000	5 500	17 200	10 100	65,5	**NKS24-XL**
25	33	16	16 800	22 400	4 200	17 800	10 700	32,6	**NK25/16-XL**
	33	20	21 300	30 500	5 400	17 800	10 400	42	**NK25/20-XL**
	37	17	23 700	25 500	4 700	16 900	9 900	52,3	**RNA4904-XL**
	37	30	40 500	51 000	9 200	16 900	9 500	100	**RNA6904-XL**
	38	20	31 000	33 500	5 900	16 600	9 700	68,1	**NKS25-XL**
26	34	16	17 300	23 600	4 450	17 200	10 300	34	**NK26/16-XL**
	34	20	22 000	32 000	5 700	17 200	10 100	42	**NK26/20-XL**
28	37	20	29 000	41 500	7 500	15 800	8 800	58	**NK28/20-D-XL**
	37	20	24 800	34 000	6 000	15 800	9 300	52,2	**NK28/20-XL**
	37	30	37 000	57 000	10 700	15 800	9 000	82	**NK28/30-XL**
	39	17	26 000	29 500	5 400	15 300	8 600	50,2	**RNA49/22-XL**
	39	30	42 000	55 000	10 000	15 300	8 400	98	**RNA69/22-XL**
	42	20	32 500	36 500	6 500	15 100	8 900	83,6	**NKS28-XL**
29	38	20	27 500	39 000	7 000	15 300	8 700	50	**NK29/20-TV-XL**
	38	30	37 000	57 000	10 700	15 300	8 800	84,3	**NK29/30-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.