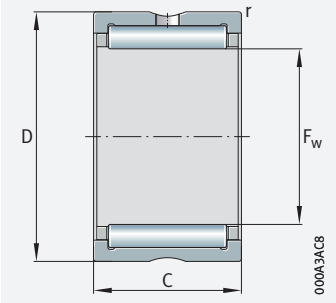
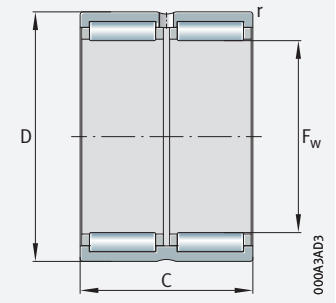
Needle roller bearings with ribs

Without inner ring
Open



NK, NKS, RNA49



RNA69..-ZW

F_w = 43 – 65 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	
43	53	20	30 500	51 000	9 100	10 700	6 500	86	**NK43/20-XL**
	53	30	45 500	85 000	16 100	10 700	6 300	133	**NK43/30-XL**
	58	22	44 000	57 000	10 000	10 200	6 200	139	**NKS43-XL**
45	55	20	35 000	62 000	11 000	10 200	5 900	85,3	**NK45/20-TV-XL**
	55	30	52 000	103 000	19 500	10 200	5 700	132	**NK45/30-TV-XL**
	60	22	45 500	60 000	10 600	9 800	6 000	145	**NKS45-XL**
47	57	20	32 500	56 000	10 100	9 800	6 000	94,5	**NK47/20-XL**
	57	30	48 500	94 000	17 800	9 800	5 800	142	**NK47/30-XL**
48	62	22	48 500	67 000	11 700	9 200	5 300	140	**RNA4908-XL**
	62	40	74 000	116 000	19 800	9 200	5 400	256	**RNA6908-ZW-XL**
50	62	25	48 500	87 000	15 000	9 200	5 400	146	**NK50/25-TV-XL**
	62	35	67 000	132 000	24 300	9 200	5 200	207	**NK50/35-TV-XL**
	65	22	48 000	67 000	11 800	8 900	5 500	157	**NKS50-XL**
52	68	22	51 000	73 000	12 900	8 600	4 900	182	**RNA4909-XL**
	68	40	79 000	127 000	21 800	8 600	4 950	338	**RNA6909-ZW-XL**
55	68	25	57 000	111 000	19 700	8 400	4 700	195	**NK55/25-D-XL**
	68	25	45 500	82 000	14 300	8 400	5 200	180	**NK55/25-XL**
	68	35	60 000	118 000	21 600	8 400	5 200	250	**NK55/35-XL**
	72	22	51 000	74 000	13 000	8 200	5 100	221	**NKS55-XL**
58	72	22	53 000	80 000	14 100	7 800	4 350	163	**RNA4910-XL**
	72	40	82 000	139 000	23 800	7 800	4 400	310	**RNA6910-ZW-XL**
60	72	25	53 000	103 000	17 800	7 700	4 600	170	**NK60/25-TV-XL**
	72	35	63 000	130 000	23 900	7 700	4 800	258	**NK60/35-XL**
	80	28	71 000	98 000	17 600	7 400	4 750	335	**NKS60-XL**
63	80	25	65 000	100 000	17 600	7 200	4 150	255	**RNA4911-XL**
	80	45	102 000	176 000	30 500	7 200	4 200	470	**RNA6911-ZW-XL**
65	78	25	50 000	98 000	17 000	7 200	4 500	221	**NK65/25-XL**
	78	35	66 000	142 000	26 000	7 200	4 450	310	**NK65/35-XL**
	85	28	75 000	108 000	19 400	6 900	4 400	356	**NKS65-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.