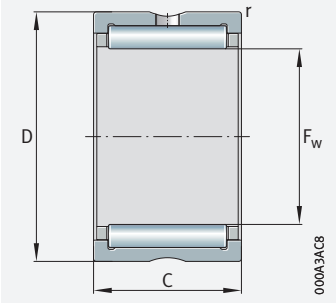
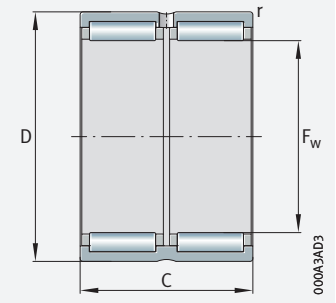
Needle roller bearings with ribs

Without inner ring
Open



NK, NKS, RNA49, RNA69



RNA69..-ZW

F_w = 30 – 42 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	
30	40	20	27 500	35 500	7 400	14 800	8 900	61	**NK30/20-TW-XL**
	40	20	28 000	41 000	7 300	14 800	8 500	61	**NK30/20-TV-XL**
	40	30	42 000	69 000	12 900	14 800	8 200	92,4	**NK30/30-TV-XL**
	42	17	26 500	31 500	5 800	14 400	8 100	61	**RNA4905-XL**
	42	30	44 000	59 000	10 800	14 400	7 900	112	**RNA6905-XL**
	45	22	36 500	40 000	7 000	14 000	8 500	104	**NKS30-XL**
32	42	20	29 500	44 500	8 000	14 000	8 000	64	**NK32/20-TV-XL**
	42	30	39 000	63 000	11 900	14 000	8 200	102	**NK32/30-XL**
	45	17	27 500	33 500	6 200	13 600	7 600	73,2	**RNA49/28-XL**
	45	30	45 500	63 000	11 600	13 600	7 400	135	**RNA69/28-XL**
	47	22	38 000	43 500	7 600	13 200	8 000	110	**NKS32-XL**
35	45	20	31 000	48 500	8 600	12 900	7 400	69,4	**NK35/20-TV-XL**
	45	30	46 000	81 000	15 300	12 900	7 100	106	**NK35/30-TV-XL**
	47	17	28 500	35 500	6 600	12 600	6 900	69,4	**RNA4906-XL**
	47	30	49 000	71 000	13 100	12 600	6 600	126	**RNA6906-XL**
	50	22	39 500	47 000	8 200	12 300	7 400	118	**NKS35-XL**
37	47	20	34 000	56 000	10 000	12 300	6 800	83	**NK37/20-D-XL**
	47	20	28 000	43 500	7 800	12 300	7 400	77	**NK37/20-XL**
	47	30	42 000	73 000	13 700	12 300	7 200	113	**NK37/30-XL**
	52	22	41 500	50 000	8 800	11 700	7 100	123	**NKS37-XL**
38	48	20	29 000	45 000	8 100	12 000	7 200	79,4	**NK38/20-XL**
	48	30	43 000	76 000	14 300	12 000	7 000	116	**NK38/30-XL**
40	50	20	33 500	56 000	10 000	11 400	6 500	78	**NK40/20-TV-XL**
	50	30	44 000	79 000	14 900	11 400	6 700	125	**NK40/30-XL**
	52	20	34 500	47 500	9 100	11 100	6 400	89,1	**RNA49/32-XL**
	52	36	53 000	82 000	15 400	11 100	6 500	162	**RNA69/32-ZW-XL**
	55	22	42 500	54 000	9 400	10 900	6 600	129	**NKS40-XL**
42	52	20	30 000	49 000	8 800	10 900	6 600	85,8	**NK42/20-XL**
	52	30	44 500	82 000	15 500	10 900	6 400	130	**NK42/30-XL**
	55	20	35 500	50 000	9 600	10 700	6 100	107	**RNA4907-XL**
	55	36	54 000	86 000	16 200	10 700	6 200	193	**RNA6907-ZW-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.