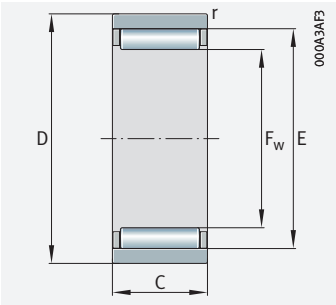
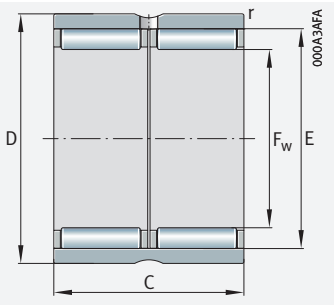
Needle roller bearings without ribs

Without inner ring
Open



RNAO



RNAO..-ZW-ASR1

F_w = 40 – 100 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	
40	50	17	24 200	41 500	6 600	11 500	7 000	74	**RNAO40×50×17-XL**
	50	34	41 500	83 000	13 100	11 500	7 000	152	**RNAO40×50×34-ZW-ASR1-XL**
	55	20	37 000	57 000	9 100	11 300	6 600	145	**RNAO40×55×20-XL**
	55	40	70 000	118 000	19 000	11 100	6 500	275	**RNAO40×55×40-ZW-ASR1-XL**
45	55	17	25 500	46 000	7 300	10 300	6 300	83	**RNAO45×55×17-XL**
	62	40	76 000	135 000	21 900	10 000	5 900	377	**RNAO45×62×40-ZW-ASR1-XL**
50	62	20	30 000	60 000	9 700	9 300	5 800	140	**RNAO50×62×20-XL**
	65	20	40 500	62 000	11 000	9 100	5 600	168	**RNAO50×65×20-XL**
	65	40	69 000	124 000	22 100	9 100	5 600	355	**RNAO50×65×40-ZW-ASR1-XL**
55	68	20	32 000	66 000	10 900	8 500	5 400	166	**RNAO55×68×20-XL**
60	78	20	49 500	85 000	13 900	7 700	4 650	255	**RNAO60×78×20-XL**
	78	40	85 000	171 000	28 000	7 700	4 650	435	**RNAO60×78×40-ZW-ASR1-XL**
65	85	30	64 000	123 000	21 500	7 100	4 550	464	**RNAO65×85×30-XL**
70	90	30	68 000	135 000	23 600	6 600	4 250	499	**RNAO70×90×30-XL**
80	100	30	80 000	176 000	31 500	5 800	3 600	580	**RNAO80×100×30-XL**
90	105	26	69 000	150 000	25 500	5 200	3 350	373	**RNAO90×105×26-XL**
	110	30	76 000	172 000	30 000	5 200	3 450	610	**RNAO90×110×30-XL**
100	120	30	80 000	188 000	32 500	4 700	3 150	694	**RNAO100×120×30-XL**

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