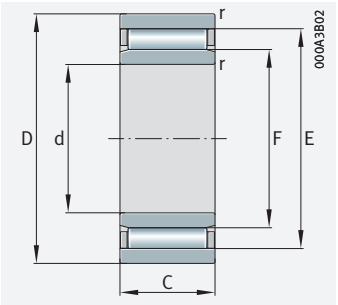
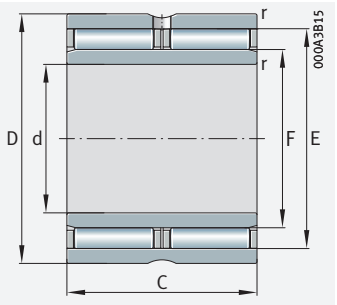
Needle roller bearings without ribs

With inner ring
Open



NAO, NAO..-IS1
(with lubrication hole in inner ring)



NAO..-ZW-ASR1

d = 6 – 90 mm

Main dimensions			Basic load ratings		Fatigue limit load	Limiting speed	Speed rating	Mass	Designation
d	D	B	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	
6	17	10	5 300	5 500	940	29 500	23 800	14	**NAO6×17×10-TV-IS1-XL**
9	22	12	11 300	9 900	1 770	26 000	17 900	23,5	**NAO9×22×12-TV-XL**
12	24	13	10 100	11 800	1 930	23 600	15 000	30	**NAO12×24×13-XL**
	28	12	13 000	12 500	2 250	22 900	14 300	40	**NAO12×28×12-IS1-XL**
15	28	13	11 100	14 300	2 350	21 300	12 100	29	**NAO15×28×13-XL**
	32	12	15 100	16 200	2 900	20 900	11 400	50	**NAO15×32×12-IS1-XL**
17	30	13	11 800	15 900	2 600	20 400	11 100	42	**NAO17×30×13-XL**
	35	16	22 600	25 500	4 250	19 200	10 100	78	**NAO17×35×16-XL**
20	35	17	16 800	26 000	4 300	18 100	10 000	76	**NAO20×35×17-XL**
	37	16	23 500	27 500	4 650	17 200	9 100	82	**NAO20×37×16-XL**
25	40	17	22 100	34 000	5 400	15 100	8 100	88	**NAO25×40×17-XL**
	42	16	26 000	33 500	5 600	14 600	7 800	86	**NAO25×42×16-IS1-XL**
	42	32	45 000	67 000	11 300	14 600	7 800	190	**NAO25×42×32-ZW-ASR1-XL**
30	45	17	23 500	38 500	6 200	13 100	7 100	102	**NAO30×45×17-XL**
	45	26	31 500	56 000	9 100	13 100	7 200	157	**NAO30×45×26-ZW-ASR1-XL**
	47	16	27 500	37 500	6 300	12 700	6 900	109	**NAO30×47×16-XL**
	47	18	31 000	43 000	7 500	12 700	6 900	119	**NAO30×47×18-XL**
35	50	17	24 200	41 500	6 600	11 500	6 500	113	**NAO35×50×17-XL**
	55	20	37 000	57 000	9 100	11 300	6 200	190	**NAO35×55×20-XL**
40	55	17	25 500	46 000	7 300	10 300	5 900	127	**NAO40×55×17-XL**
50	68	20	32 000	66 000	10 900	8 500	5 100	230	**NAO50×68×20-IS1-XL**
70	100	30	80 000	176 000	31 500	5 800	3 350	850	**NAO70×100×30-XL**
80	110	30	76 000	172 000	30 000	5 200	3 200	920	**NAO80×110×30-XL**
90	120	30	80 000	188 000	32 500	4 700	2 950	1 044	**NAO90×120×30-XL**

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