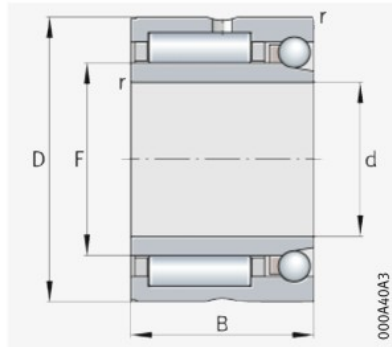


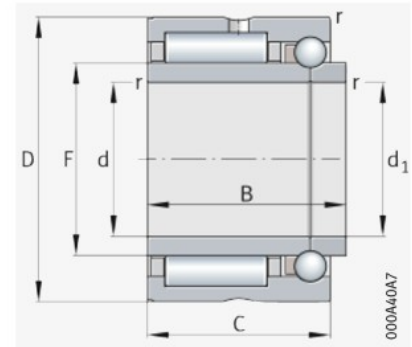


Needle roller/angular contact ball bearings

With inner ring



NKIA
Single direction



NKIB
Double direction

d = 12 – 70 mm

Main dimensions			Basic load ratings				Fatigue limit load		Limiting speed	Speed rating	Mass	Designation ▶ 975 2.12 ▶ 975 2.13 X-life ▶ 968
d	D	B	radial		axial		C _{ur}	C _{ua}	n _G	n _{∂r}	m	
			dyn. C _r	stat. C _{0r}	dyn. C _a	stat. C _{0a}						
12	24	16	8 600	8 300	2 700	3 450	1 630	152	23 600	21 000	40	NKIA5901-XL
	24	17,5	8 600	8 300	2 700	3 450	1 630	152	23 600	21 000	43	NKIB5901-XL
15	28	18	12 000	13 600	2 900	4 200	2 430	186	21 600	17 000	50	NKIA5902-XL
	28	20	12 000	13 600	2 900	4 200	2 430	186	21 600	17 000	52	NKIB5902-XL
17	30	18	12 400	14 600	3 150	4 900	2 600	216	20 600	15 000	56	NKIA5903-XL
	30	20	12 400	14 600	3 150	4 900	2 600	216	20 600	15 000	58	NKIB5903-XL
20	37	23	23 700	25 500	4 900	7 400	4 600	330	17 200	14 000	103	NKIA5904-XL
	37	25	23 700	25 500	4 900	7 400	4 600	330	17 200	14 000	107	NKIB5904-XL
22	39	23	26 000	29 500	5 300	8 600	5 300	380	16 100	12 000	118	NKIA59/22-XL
	39	25	26 000	29 500	5 300	8 600	5 300	380	16 100	12 000	122	NKIB59/22-XL
25	42	23	26 500	31 500	5 400	9 300	5 700	410	14 600	12 000	130	NKIA5905-XL
	42	25	26 500	31 500	5 400	9 300	5 700	410	14 600	12 000	134	NKIB5905-XL
30	47	23	28 500	35 500	5 900	11 200	6 400	495	12 700	10 000	147	NKIA5906-XL
	47	25	28 500	35 500	5 900	11 200	6 400	495	12 700	10 000	151	NKIB5906-XL
35	55	27	35 500	50 000	7 400	14 900	9 400	660	10 900	9 000	243	NKIA5907-XL
	55	30	35 500	50 000	7 400	14 900	9 400	660	10 900	9 000	247	NKIB5907-XL
40	62	30	48 500	67 000	9 200	19 400	11 500	860	9 600	7 500	315	NKIA5908-XL
	62	34	48 500	67 000	9 200	19 400	11 500	860	9 600	7 500	320	NKIB5908-XL
45	68	30	51 000	73 000	9 600	21 400	12 600	950	8 700	7 000	375	NKIA5909-XL
	68	34	51 000	73 000	9 600	21 400	12 600	950	8 700	7 000	380	NKIB5909-XL
50	72	30	53 000	80 000	10 100	24 300	13 800	1 080	8 000	6 500	380	NKIA5910-XL
	72	34	53 000	80 000	10 100	24 300	13 800	1 080	8 000	6 500	385	NKIB5910-XL
55	80	34	65 000	100 000	12 100	29 500	17 300	1 300	7 300	6 000	550	NKIA5911-XL
	80	38	65 000	100 000	12 100	29 500	17 300	1 300	7 300	6 000	555	NKIB5911-XL
60	85	34	68 000	108 000	12 400	32 000	18 800	1 410	6 800	5 500	590	NKIA5912-XL
	85	38	68 000	108 000	12 400	32 000	18 800	1 410	6 800	5 500	595	NKIB5912-XL
65	90	34	69 000	112 000	12 800	34 000	19 500	1 510	6 300	5 500	635	NKIA5913-XL
	90	38	69 000	112 000	12 800	34 000	19 500	1 510	6 300	5 500	640	NKIB5913-XL
70	100	40	95 000	156 000	16 800	44 500	27 500	1 970	5 800	4 900	980	NKIA5914-XL
	100	45	95 000	156 000	16 800	44 500	27 500	1 970	5 800	4 900	985	NKIB5914-XL

medias ▶ <https://www.schaeffler.de/std/1E42>