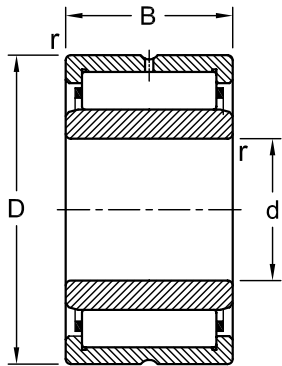
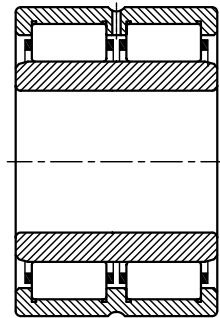


# Needle Roller Bearings

## Metric Series



NA 49/NKI/NKIS



NA 69

Dimensions mm				Load Rating kN		Designation
d	D	B	r	Dynamic (C)	Static (C <sub>0</sub> )	
10	22	14	0.3	8.5	13.9	<b>NA 4900</b>
	22	16	0.3	10.1	11.5	<b>NKI 10/16</b>
	22	20	0.3	12.8	15.6	<b>NKI 10/20</b>
	28	16	0.6	15.7	15.8	<b>NKIS 10</b>
12	24	13	0.3	9.4	10.9	<b>NA 4901</b>
	24	16	0.3	11.3	13.9	<b>NKI 12/16</b>
	24	20	0.3	14.4	18.8	<b>NKI 12/20</b>
	24	22	0.3	16.0	21.6	<b>NA 6901</b>
	30	16	0.6	16.8	17.7	<b>NKIS 12</b>
15	27	16	0.3	13.0	17.4	<b>NKI 15/16</b>
	27	20	0.3	16.5	23.6	<b>NKI 15/20</b>
	28	13	0.3	10.6	13.6	<b>NA 4902</b>
	28	23	0.3	17.3	25.5	<b>NA 6902</b>
	35	20	0.6	24.5	28.0	<b>NKIS 15</b>
17	29	16	0.3	13.5	18.7	<b>NKI 17/16</b>
	29	20	0.3	17.1	25.5	<b>NKI 17/20</b>
	30	13	0.3	11.0	14.6	<b>NA 4903</b>
	30	23	0.3	18.6	29.0	<b>NA 6903</b>
	37	20	0.6	26.0	31.0	<b>NKIS 17</b>
20	32	16	0.3	15.0	22.3	<b>NKI 20/16</b>
	32	20	0.3	19.0	30.5	<b>NKI 20/20</b>

	Dimensions			Load Rating		Designation
	mm			kN		
d	D	B	r	Dynamic (C)	Static (C <sub>0</sub> )	
	37	17	0.3	21.0	25.5	<b>NA 4904</b>
	37	30	0.3	36.0	51.0	<b>NA 6904</b>
	42	20	0.6	28.5	36.5	<b>NKIS 20</b>
22	34	16	0.3	15.3	23.6	<b>NKI 22/16</b>
	34	20	0.3	19.4	32.0	<b>NKI 22/20</b>
25	38	20	0.3	21.9	34.0	<b>NKI 25/20</b>
	38	30	0.3	32.5	57.0	<b>NKI 25/30</b>
	42	17	0.3	23.6	31.5	<b>NA 4905</b>
	42	30	0.3	39.0	59.0	<b>NA 6905</b>
	47	22	0.6	33.5	43.5	<b>NKIS 25</b>
28	42	20	0.3	23.1	37.5	<b>NKI 28/20</b>
	42	30	0.3	34.5	63.0	<b>NKI 28/30</b>
30	45	20	0.3	24.3	41.5	<b>NKI 30/20</b>
	45	30	0.3	36.5	69.0	<b>NKI 30/30</b>
	47	17	0.3	25.0	35.5	<b>NA 4906</b>
	47	17	0.3	43.5	71.0	<b>NA 6906</b>
	52	22	0.6	36.5	50.0	<b>NKIS 30</b>
32	47	20	0.3	24.9	43.5	<b>NKI 32/20</b>
	47	30	0.3	37.0	73.0	<b>NKI 32/30</b>
35	50	20	0.3	26.0	47.0	<b>NKI 35/20</b>
	50	30	0.3	39.0	79.0	<b>NKI 35/30</b>
	55	20	0.6	31.5	50.0	<b>NA 4907</b>
	55	36	0.6	48.0	86.0	<b>NA 6907</b>
	58	22	0.6	39.0	57.0	<b>NKIS 35</b>
38	53	20	0.3	27.0	51.0	<b>NKI 38/20</b>
	53	30	0.3	40.5	85.0	<b>NKI 38/30</b>
40	55	20	0.3	27.5	53.0	<b>NKI 40/20</b>
	55	30	0.3	41.0	88.0	<b>NKI 40/30</b>
	62	22	0.6	43.0	67.0	<b>NA 4908</b>
	62	40	0.6	66.0	116.0	<b>NA 6908</b>
	65	22	1.0	42.5	67.0	<b>NKIS 40</b>
42	57	20	0.3	28.5	56.0	<b>NKI 42/20</b>
	57	30	0.3	43.0	94.0	<b>NKI 42/30</b>
45	62	25	0.6	38.0	74.0	<b>NKI 45/25</b>
	62	35	0.6	50.0	106.0	<b>NKI 45/35</b>

	Dimensions mm			Load Rating kN		Designation	
	d	D	B	r	Dynamic (C)		Static (C <sub>0</sub> )
		68	22	0.6	45.0	73.0	<b>NA 4909</b>
		68	40	0.6	69.0	127.0	<b>NA 6909</b>
		72	22	1.0	45.0	740.0	<b>NKIS 45</b>
50		68	25	0.6	40.0	82.0	<b>NKI 50/25</b>
		68	35	0.6	53.0	118.0	<b>NKI 50/35</b>
50		72	22	0.6	47.0	80.0	<b>NA 4910</b>
		72	40	0.6	73.0	139.0	<b>NA 6910</b>
		80	28	1.1	63.0	98.0	<b>NKIS 50</b>
55		72	25	0.6	42.0	90.0	<b>NKI 55/25</b>
		72	35	0.6	56.0	130.0	<b>NKI 55/35</b>
		80	25	1.0	58.0	100.0	<b>NA 4911</b>
		80	45	1.0	90.0	176.0	<b>NA 6911</b>
		85	28	1.1	67.0	108.0	<b>NKIS 55</b>
60		82	25	0.6	43.5	89.0	<b>NKI 60/25</b>
		82	35	0.6	62.0	139.0	<b>NKI 60/35</b>
		85	25	1.0	60.0	108.0	<b>NA 4912</b>
		85	45	1.0	94.0	191.0	<b>NA 6912</b>
		90	28	1.1	68.0	113.0	<b>NKIS 60</b>
65		90	25	1.0	53.0	100.0	<b>NKI 65/25</b>
		90	25	1.0	61.0	112.0	<b>NA 4913</b>
		90	35	1.0	75.0	156.0	<b>NKI 65/35</b>
65		90	45	1.0	95.0	198.0	<b>NA 6913</b>
		95	28	1.1	71.0	123.0	<b>NKIS 65</b>
70		95	25	1.0	56.0	119.0	<b>NKI 70/25</b>
		95	35	1.0	78.0	184.0	<b>NKI 70/35</b>
		100	30	1.0	84.0	156.0	<b>NA 4914</b>
		100	54	1.0	128.0	265.0	<b>NA 6914</b>
		100	28	1.1	75.0	133.0	<b>NKIS 70</b>
75		105	25	1.0	69.0	123.0	<b>NKI 75/25</b>
		105	30	1.0	86.0	162.0	<b>NA 4915</b>
		105	35	1.0	98.0	193.0	<b>NKI 75/35</b>
		105	54	1.0	130.0	275.0	<b>NA 6915</b>
80		110	25	1.0	72.0	132.0	<b>NKI 80/25</b>
		110	30	1.0	89.0	174.0	<b>NA 4916</b>
		110	35	1.0	103.0	208.0	<b>NKI 80/35</b>
		110	54	1.0	135.0	300.0	<b>NA 6916</b>

	Dimensions mm				Load Rating kN		Designation
	d	D	B	r	Dynamic (C)	Static (C <sub>0</sub> )	
85	115	26	1.0	73.0	137.0	<b>NKI 85/26</b>	
	115	36	1.0	107.0	223.0	<b>NKI 85/36</b>	
	120	35	1.1	111.0	237.0	<b>NA 4917</b>	
	120	63	1.1	166.0	400.0	<b>NA 6917</b>	
90	120	26	1.0	76.0	146.0	<b>NKI 90/26</b>	
	120	36	1.0	111.0	237.0	<b>NKI 90/36</b>	
	125	35	1.1	114.0	250.0	<b>NA 4918</b>	
	125	63	1.1	172.0	425.0	<b>NA 6918</b>	
95	125	26	1.0	78.0	155.0	<b>NKI 95/26</b>	
	125	36	1.0	114.0	250.0	<b>NKI 95/36</b>	
95	130	35	1.1	116.0	260.0	<b>NA 4919</b>	
	130	63	1.1	174.0	440.0	<b>NA 6919</b>	
100	130	30	1.1	98.0	210.0	<b>NKI 100/30</b>	
	130	40	1.1	127.0	290.0	<b>NKI 100/40</b>	
	140	40	1.1	128.0	270.0	<b>NA 4920</b>	
110	140	40	1.1	113.0	275.0	<b>NKI 110/40</b>	
	150	40	1.1	132.0	290.0	<b>NA 4922</b>	
120	165	45	1.1	181.0	390.0	<b>NA 4924</b>	
130	180	50	1.5	203.0	470.0	<b>NA 4926</b>	
140	180	32	1.5	114.0	260.0	<b>NKI 140/32</b>	
	190	50	1.5	209.0	500.0	<b>NA 4928</b>	