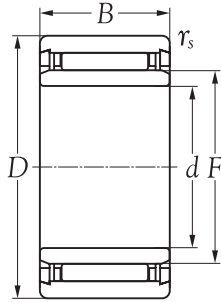
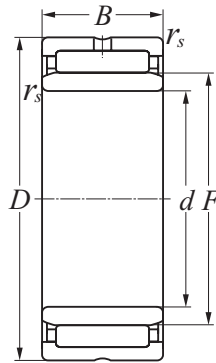
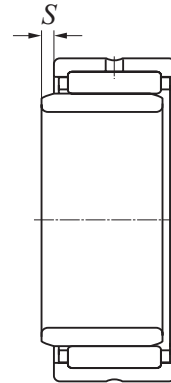
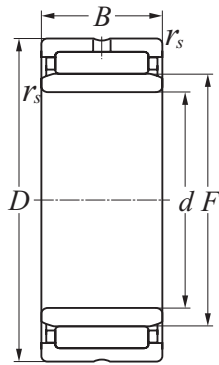
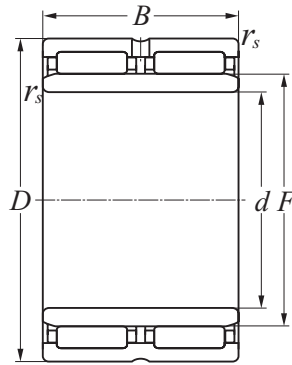
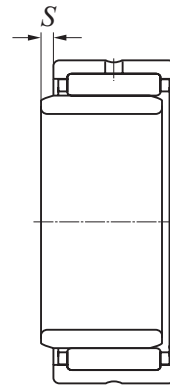


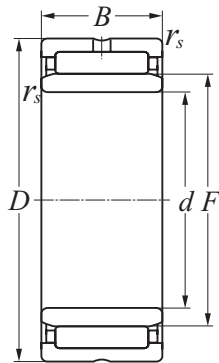
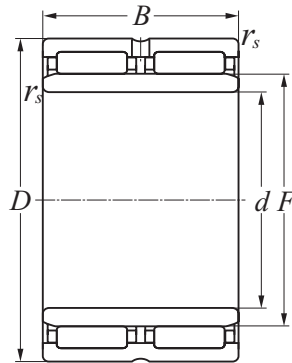
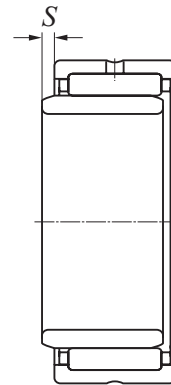
Technical Information

 NKI ($d \leq 9\text{mm}$), NKIS ($d \leq 8\text{mm}$)

 NKI ($d > 9\text{mm}$), NKIS ($d > 8\text{mm}$)
NA 49, NA 69 ($d \leq 30\text{mm}$)


Inner bore <i>d</i> mm	Bearing number	Principal dimensions					Basic load ratings		Limiting speed $n_{1\text{grease}}$ min ⁻¹	Mass g
		<i>F</i>	<i>D</i>	<i>B</i> mm	r_s min	<i>S</i> ¹⁾	dynamic <i>C</i> r/min	static <i>C</i> ₀		
5	+NKI 5/2 TN	8	15	12	0.3	1.5	3100	3200	22400	11.5
5	+NKI 5/16 TN	8	15	16	0.3	2.0	4000	4600	22400	15.3
6	+NKI 6/12 TN	9	16	12	0.3	1.5	3600	4000	21700	13.5
6	+NKI 6/16 TN	9	16	16	0.3	2.0	4700	5600	21700	17.4
6	+NKIS 6 TN	10	19	13	0.3		4600	4800	20300	19.9
7	+NKI 7/12 TN	10	17	12	0.3	1.5	3800	4400	20300	13.7
7	+NKI 7/16 TN	10	17	16	0.3	2.0	4900	6200	20300	18.2
7	+NKIS 7 TN	12	22	16	0.6		7600	8300	18200	34.6
8	NKIS 8	14	25	16	0.6		11500	11000	16800	47.1
9	NKI 9/12	12	19	12	0.3	1.5	5100	5600	18900	16.6
9	NKI 9/16	12	19	16	0.3	2.0	7200	8800	18900	21.9
9	NKIS 9	15	26	16	0.6		11500	11200	16100	41.4
10	NKI 10/16	14	22	16	0.3	0.5	8000	9200	17500	29.4
10	NKI 10/20	14	22	20	0.3	0.5	10200	12400	17500	37.1
10	NKIS 10	16	28	16	0.6		12500	12600	15400	54.0
10	NA 4900	14	22	13	0.3	0.5	6800	7300	17500	23.0
12	NKI 12/16	16	24	16	0.3	0.5	9000	11100	16100	33.3
12	NKI 12/20	16	24	20	0.3	0.5	11500	15000	16100	41.9
12	NKIS 12	18	30	16	0.6		13400	14100	14700	60.0
12	NA 4901	16	24	13	0.3	0.5	7500	8700	16100	26.0
12	NA 6901	16	24	22	0.3	1.0	12800	17200	16100	46.0
15	NKI 15/16	19	27	16	0.3	0.5	10400	13900	15400	38.8
15	NKI 15/20	19	27	20	0.3	0.5	13200	18800	15400	48.7
15	NKIS 15	22	35	20	0.6		19600	22400	12600	92.0
15	NA 4902	20	28	13	0.3	0.5	8400	10800	14700	34.0
15	NA 6902	20	28	23	0.3	1.0	13800	20400	14700	63.6
17	NKI 17/16	21	29	16	0.3	0.5	10800	14900	14700	42.4
17	NKI 17/20	21	29	20	0.3	0.5	13600	20400	14700	53.4
17	NKIS 17	24	37	20	0.6	0.5	20800	24800	11900	98.0
17	NA 4903	22	30	13	0.3	0.5	8800	11600	14000	37.0
17	NA 6903	22	30	23	0.3	1.0	14800	23200	14000	72.0

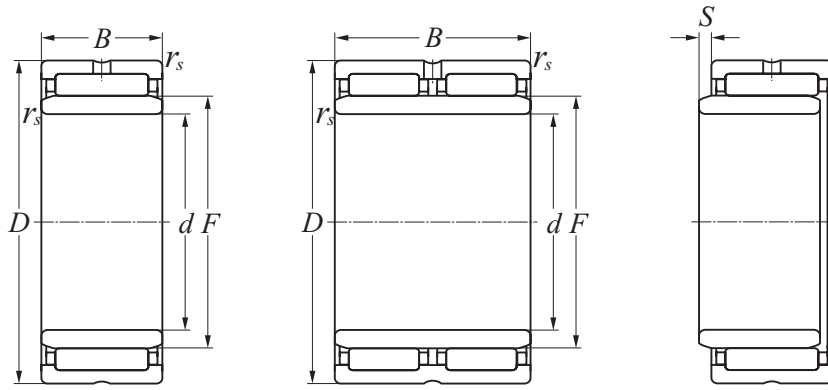



 NKI($d > 9\text{mm}$), NKIS($d > 8\text{mm}$)
NA 49, NA 69($d \leq 30\text{mm}$)

 NA 69($d > 30\text{mm}$)


Inner bore d mm	Bearing number	Principal dimensions					Basic load ratings		Limiting speed $n_{1\text{grease}}$ min^{-1}	Mass g
		F	D	B mm	r_s min	S^1	dynamic C r/min	static C_0		
20	NKI 20/16	24	32	16	0.3	0.5	12000	17800	12600	49.0
20	NKI 20/20	24	32	20	0.3	0.5	15200	24400	12600	61.0
20	NKIS 20	28	42	20	0.6	0.5	22800	29200	10500	129.0
20	NA 4904	25	37	17	0.3	0.8	16800	20400	11900	75.2
20	NA 6904	25	37	30	0.3	1.0	28800	4000	11900	141.0
22	NKI 22/16	26	34	16	0.3	0.5	12200	18800	11900	52.0
22	NKI 22/20	26	34	20	0.3	0.5	15500	2500	11900	65.4
22	NA 49/22	28	39	17	0.3	0.8	18200	23600	10500	80.0
22	NA 69/22	28	39	30	0.3	0.5	30000	44000	10500	150.0
25	NKI 25/20	29	38	20	0.3	1.0	17500	27200	10500	79.4
25	NKI 25/30	29	38	30	0.3	1.5	26000	45600	10500	124.0
25	NKIS 25	32	47	22	0.6	1.0	26800	34800	9100	162.0
25	NA 4905	30	42	17	0.3	0.8	18800	25200	9800	88.0
25	NA 6905	30	42	30	0.3	1.0	31200	47200	9800	161.0
28	NKI 28/20	32	42	20	0.3	1.0	18400	30000	9800	96.5
28	NKI 28/30	32	42	30	0.3	1.5	27600	50400	9800	146.0
28	NA 49/28	32	45	17	0.3	0.8	19500	26800	9800	97.7
28	NA 69/28	32	45	30	0.3	1.0	32400	50400	9800	182.0
30	NKI 30/20	35	45	20	0.3	0.5	19400	33200	9100	112.0
30	NKI 30/30	35	45	30	0.3	1.0	29200	55200	9100	170.0
30	NKIS 30	37	52	22	0.6	1.0	29200	40000	8400	184.0
30	NA 4906	35	47	17	0.3	0.8	20000	28400	9100	101.0
30	NA 6906	35	47	30	0.3	1.0	34800	56800	9100	192.0
32	NKI 32/20	37	47	20	0.3	0.5	19900	34800	8400	118.0
32	NKI 32/30	37	47	30	0.3	1.0	29600	58400	8400	180.0
32	NA 49/32	40	52	20	0.6	0.8	24400	38000	7700	158.0
32	NA 69/32	40	52	35	0.6	0.5	37600	65600	7700	288.0
35	NKI 35/20	40	50	20	0.3	0.5	20800	3700	7700	127.0
35	NKI 35/30	40	50	30	0.3	1.0	31200	63200	7700	193.0
35	NKIS 35	43	58	22	0.6	0.5	31200	45600	7000	220.0
35	NA 4907	42	55	20	0.6	0.8	25200	40000	7700	170.0
35	NA 6907	42	55	36	0.6	0.5	38400	68800	7700	310.0


 NKI($d > 9\text{mm}$), NKIS($d > 8\text{mm}$)
NA 49, NA 69($d \leq 30\text{mm}$)

 NA 69($d > 30\text{mm}$)


Inner bore d mm	Bearing number	Principal dimensions					Basic load ratings		Limiting speed $n_{1\text{grease}}$ min^{-1}	Mass g
		F	D	B mm	r_s min	S^1	dynamic C r/min	static C_0		
38	NKI 38/20	43	53	20	0.3	0.5	21600	40800	7700	136
38	NKI 38/30	43	53	30	0.3	1.0	32400	68000	7700	207
40	NKI 40/20	45	55	20	0.3	0.5	22000	50400	7000	142
40	NKI 40/30	45	55	30	0.3	1.0	32800	70400	7000	216
40	NKIS 40	50	65	22	1.0	0.5	34000	53600	6300	281
40	NA 4908	48	62	22	0.6	1.0	34400	53600	6300	230
40	NA 6908	48	62	40	0.6	0.5	52800	92800	6300	430
42	NKI 42/20	47	57	20	0.3	0.5	22800	44800	7000	148
42	NKI 42/30	47	57	30	0.3	1.0	34400	75200	7000	222
45	NKI 45/25	50	62	25	0.6	1.5	30400	59200	6300	229
45	NKI 45/35	50	62	35	0.6	2.0	40000	84800	6300	322
45	NKIS 45	55	72	22	1.0	0.5	36000	59200	5600	336
45	NA 4909	52	68	22	0.6	1.0	36000	58400	5900	271
45	NA 6909	52	68	40	0.6	0.5	55200	101600	5900	495
50	NKI 50/25	55	68	25	0.6	1.5	32000	65600	5900	270
50	NKI 50/35	55	68	35	0.6	2.0	42400	94400	5900	379
50	NKIS 50	60	80	28	1.0	2.0	50400	78400	5200	518
50	NA 4910	58	72	22	1.0	1.0	37600	64000	5600	274
50	NA 6910	58	72	40	0.6	0.5	58400	111200	5600	515
55	NKI 55/25	60	72	25	0.6	1.5	33600	72000	5200	272
55	NKI 55/35	60	72	35	0.6	2.0	44800	104000	5200	379
55	NKIS 55	65	85	28	0.6	2.0	53600	86400	4900	558
55	NA 4911	63	80	25	1.1	1.5	46400	80000	4900	393
55	NA 6911	63	80	45	1.0	1.5	72000	140800	4900	780
60	NKI 60/25	68	82	25	1.0	1.0	34800	71200	4900	394
60	NKI 60/35	68	82	35	0.6	1.0	49600	1151200	4900	553
60	NKIS 60	70	90	28	0.6	2.0	54400	90400	4500	560
60	NA 4912	68	85	25	1.1	1.5	48000	86400	4500	426
60	NA 6912	68	85	45	1.0	1.5	75200	152800	4500	808
65	NKI 65/25	73	90	25	1.0	1.0	42400	80000	4500	467
65	NKI 65/35	73	90	35	1.0	1.0	60000	124800	4500	659
65	NKIS 65	75	95	28	1.1	2.0	56800	98400	4200	641
65	NA 4913	72	90	25	1.0	1.5	48800	89600	4500	456
65	NA 6913	72	90	45	1.0	1.5	76000	158400	4500	833


 NKI($d > 9\text{mm}$), NKIS($d > 8\text{mm}$)
NA 49, NA 69($d \leq 30\text{mm}$)

 NA 69($d > 30\text{mm}$)

Inner bore d mm	Bearing number	Principal dimensions					Basic load ratings		Limiting speed \approx $n_{1\text{grease}}$ min^{-1}	Mass g
		F	D	B mm	r_s min	S^l	dynamic C r/min	static C_0		
70	NKI 70/25	80	95	25	1.0	0.8	44800	95200	4200	521
70	NKI 70/35	80	95	35	1.0	0.8	62400	147200	4200	737
70	NKIS 70	80	100	28	1.1		60000	106400	3800	680
70	NA 4914	80	100	30	1.0	1.5	67200	124800	3800	728
70	NA 6914	80	100	54	1.0	1.0	102400	212000	3800	1340
75	NKI 75/25	85	105	25	1.0	1.0	55200	98400	3800	641
75	NKI 75/35	85	105	35	1.0	1.0	78400	154400	3800	908
75	NA 4915	85	105	30	1.0	1.5	68800	129600	3800	775
75	NA 6915	85	105	54	1.0	1.0	104000	220000	3800	1450
80	NKI 80/25	90	110	25	1.0	1.0	57600	105600	3500	677
80	NKI 80/35	90	110	35	1.0	1.0	82400	166400	3500	959
80	NA 4916	90	110	30	1.0	1.5	71200	139200	3500	878
80	NA 6916	90	110	54	1.0	1.0	108000	240000	3500	522
85	NKI 85/26	95	115	26	1.0	1.5	58400	109600	3300	743
85	NKI 85/36	95	115	36	1.0	1.5	85600	178400	3300	1040
85	NA 4917	100	120	35	1.1	1.0	88800	189600	3200	1250
85	NA 6917	100	120	63	1.1	1.0	132800	320000	3200	2200
90	NKI 90/26	100	120	26	1.0	1.5	60800	116800	3200	778
90	NKI 90/36	100	120	36	1.0	1.5	88800	189600	3200	1090
90	NA 4918	105	125	35	1.1	1.0	91200	200000	3000	1312
90	NA 6918	105	125	63	1.1	1.0	137600	340000	3000	2310
95	NKI 95/26	105	125	26	1.0	1.5	62400	124000	3000	816
95	NKI 95/36	105	125	36	1.0	1.5	91200	200000	3000	1145
95	NA 4919	110	130	35	1.1	1.0	92800	208000	2900	1371
95	NA 6919	110	130	63	1.1	1.0	139200	352000	2900	2500