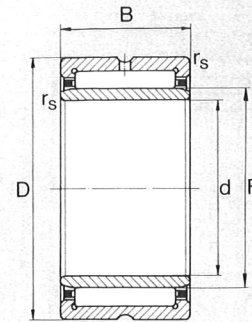


Needle roller bearings

with inner ring
Series NKI, NKIS,
NA 49, NA 48



103 051

NKI, NKIS
NA 49, NA 48

Dimension table (continued) - Dimensions in mm

Shaft diameter	Series				Mass g	Dimensions					Basic load ratings		Limiting speed ²⁾ $n_{1\text{ oil}} \approx$ min ⁻¹	
	NKI Designation	NKIS Designation	NA 49 Designation	NA 48 Designation		d	F	D	B	r_s min.	s ¹⁾	dyn. C N		stat. C ₀ N
100	NKI 100/30	-	-	-	990	100	110	130	30	1,1	1,5	98 000	210 000	4 200
	NKI 100/40	-	-	-	1 330	100	110	130	40	1,1	2	127 000	290 000	4 200
	-	NKIS 100	-	-	1 340	100	115	135	32	1,1	-	91 000	204 000	4 000
	-	-	NA 4920	-	1 900	100	115	140	40	1,1	2	128 000	270 000	4 000
110	△ NKI 110/40	-	-	-	1 460	110	120	140	40	1,1	-	113 000	275 000	3 900
	-	-	NA 4922	-	2 070	110	125	150	40	1,1	2	132 000	290 000	3 700
	-	-	-	NA 4822	1 080	110	120	140	30	1	0,8	94 000	216 000	3 900
120	-	-	NA 4924	-	2 860	120	135	165	45	1,1	2	181 000	390 000	3 400
	-	-	-	NA 4824	1 170	120	130	150	30	1	0,8	99 000	239 000	3 600
130	-	-	NA 4926	-	3 900	130	150	180	50	1,5	1,5	203 000	470 000	3 100
	-	-	-	NA 4826	1 810	130	145	165	35	1,1	1	118 000	310 000	3 200
140	△ NKI 140/32	-	-	-	2 050	140	155	180	32	1,5	-	114 000	260 000	3 000
	-	-	NA 4928	-	4 150	140	160	190	50	1,5	1,5	209 000	500 000	2 900
	-	-	-	NA 4828	1 920	140	155	175	35	1,1	1	120 000	325 000	3 000
150	-	-	-	NA 4830	2 720	150	165	190	40	1,1	1,5	152 000	400 000	2 800
160	-	-	-	NA 4832	2 890	160	175	200	40	1,1	1,5	160 000	435 000	2 700
170	-	-	-	NA 4834	3 960	170	185	215	45	1,1	1,5	185 000	510 000	2 500
180	-	-	-	NA 4836	4 200	180	195	225	45	1,1	1,5	194 000	550 000	2 400
190	-	-	-	NA 4838	5 610	190	210	240	50	1,5	1,5	227 000	690 000	2 300

△ Not to be used for new designs. Production being phased out.

1) Permissible axial displacement of the inner ring in relation to the outer ring.

2) With grease lubrication, 60% of the values given in the tables are permissible.