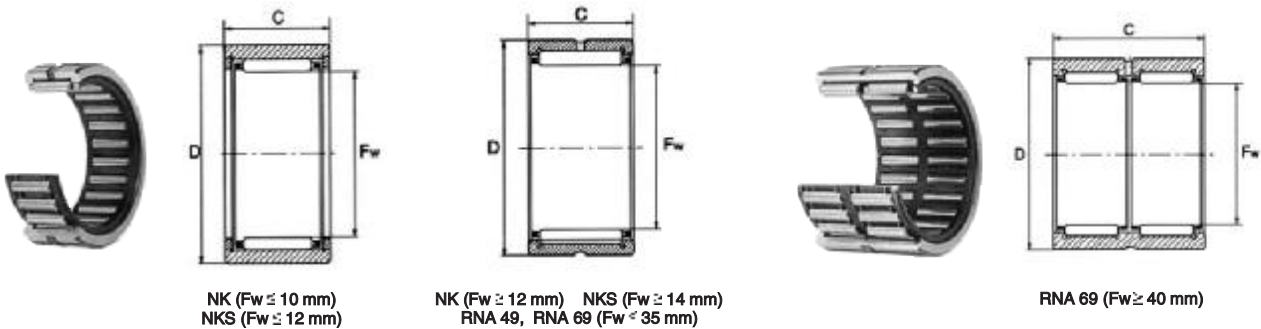




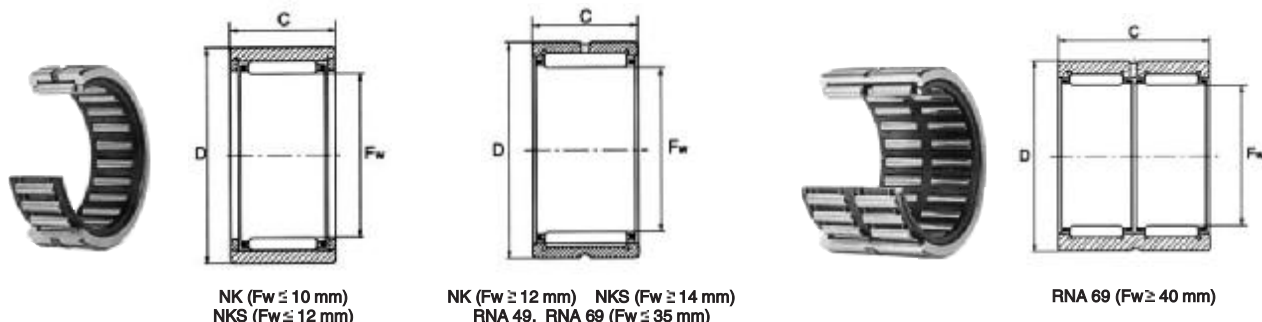
Cuscinetti a rullini senza anello interno (serie NK • NKS • RNA 49/48 • RNA 69) Needle roller bearing without inner ring (NK • NKS • RNA 49/48 • RNA 69 series)



Diametro albero (mm) Shaft diameter (mm)	Sigla Designation				Peso (g) Weight (g)	Dimensioni (mm) Dimensions (mm)			Coefficienti di carico (N) Basic load capacity (N)		Velocità limite Limiting Speed
	NK	NKS	RNA49/48	RNA69		Fw	D	C	Dinamico C Dynamic C	Statico C ₀ Static C ₀	
5	• NK 5/10 TN	-	-	-	2.9	5	10	10	2 230	1 820	35 150
	• NK 5/12 TN	-	-	-	3.7	5	10	12	2 850	2 520	35 150
6	• NK 6/10 TN	-	-	-	4.7	6	12	10	2 470	2 170	31 350
	• NK 6/12 TN	-	-	-	5.7	6	12	12	3 180	2 990	31 350
7	• NK 7/10 TN	-	-	-	6.9	7	14	10	2 710	2 520	29 450
	• NK 7/12 TN	-	-	-	8.2	7	14	12	3 470	3 420	29 450
8	• NK 8/12 TN	-	-	-	8.3	8	15	12	3 750	3 900	27 550
	• NK 8/16 TN	-	-	-	12	8	15	16	4 850	5 500	27 550
	-	• NKS 8 TN	-	-	11	8	16	13	4 750	4 465	27 000
9	NK 9/12 TN	-	-	-	10.3	9	16	12	4 280	4 750	26 600
	NK 9/16 TN	-	-	-	12.8	9	16	16	5 600	6 750	26 600
10	NK 10/12 TN	-	-	-	10	10	17	12	4 550	5 230	25 650
	NK 10/16 TN	-	-	-	13.3	10	17	16	5 890	7 400	25 650
	-	• NKS 10 TN	-	-	15	10	19	13	5 500	5 700	24 000
12	NK 12/12	-	-	-	11.8	12	19	12	6 080	6 750	23 750
	NK 12/16	-	-	-	16.8	12	19	16	8 550	10 450	23 750
	-	• NKS 12 TN	-	-	23	12	22	16	9 100	9 850	22 000
14	NK 14/16	-	-	-	20.8	14	22	16	9 600	10 900	22 800
	NK 14/20	-	-	-	25.5	14	22	20	12 160	14 820	23 000
	-	NKS 14	-	-	27	14	25	16	13 600	13 000	21 850
	-	-	RNA 4900	-	24.4	14	22	13	8 060	9 000	23 750
	-	-	-	RNA 6900	29.1	14	22	22	8 281	11 612	18 322
15	NK 15/12	-	-	-	18.5	15	23	12	8 600	10 070	21 004
	-	-	RNA 152815	-	31.7	15	28	15	13 600	17 200	10 031
	NK 15/16	-	-	-	21.8	15	23	16	10 200	12 065	21 850
	NK 15/20	-	-	-	26.6	15	23	20	12 820	16 530	21 850
	-	NKS 15	-	-	30	15	26	16	13 800	13 400	21 000
16	NK 16/16	-	-	-	20.8	16	24	16	10 700	13 200	20 900
	NK 16/20	-	-	-	23.9	16	24	20	13 680	17 860	20 900
	-	-	RNA 4901	-	16.6	16	24	13	8 930	10 350	22 800
	-	-	-	RNA 6901	28.7	16	24	22	15 200	20 500	20 900
	-	NKS 16	-	-	30	16	28	16	14 900	15 000	20 000
17	NK 17/16	-	-	-	21.5	17	25	16	11 300	14 250	17 100
	NK 17/20	-	-	-	29.8	17	25	20	14 350	19 380	20 900
18	NK 18/16	-	-	-	24.9	18	26	16	11 850	15 390	19 950
	NK 18/20	-	-	-	30.5	18	26	20	15 000	20 900	19 950
	-	NKS 18	-	-	37.9	18	30	16	16 100	17 000	18 000
19	NK 19/16	-	-	-	26.1	19	27	16	12 350	16 530	19 950
	NK 19/20	-	-	-	32.2	19	27	20	15 700	22 400	19 950
20	NK 20/26/16	-	-	-	20.8	20	26	16	9 600	10 800	9 125
	NK 20/26/20	-	-	-	17.2	20	26	20	10 500	11 900	9 125
	NK 20/16	-	-	-	25.7	20	28	16	12 350	16 600	19 000
	NK 20/20	-	-	-	29.3	20	28	20	15 600	22 600	19 000
	-	NKS 20	-	-	46.8	20	32	20	21 850	23 750	18 000
	-	-	RNA 4902	-	20.5	20	28	13	10 800	12 800	20 900
	-	-	-	RNA 6902	35.4	20	28	23	16 400	24 200	19 000



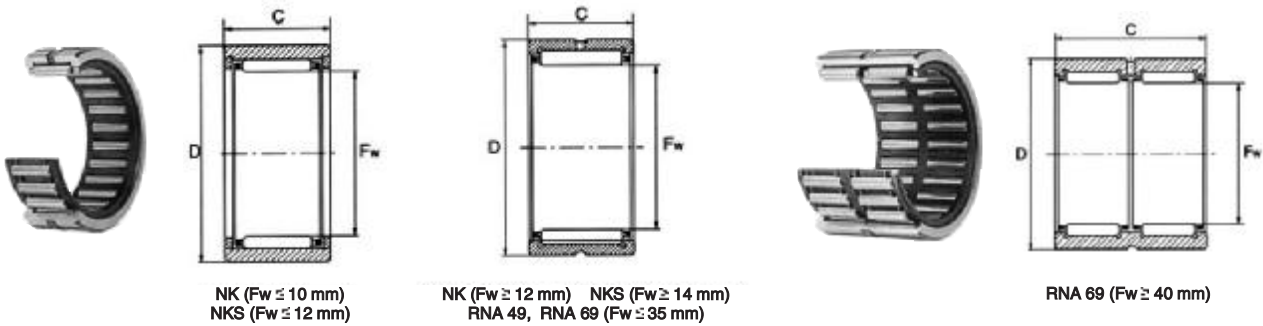
Cuscinetti a rullini senza anello interno (serie NK • NKS • RNA 49/48 • RNA 69)
Needle roller bearing without inner ring (NK • NKS • RNA 49/48 • RNA 69 series)



Diametro albero (mm) Shaft diameter (mm)	Sigla Designation				Peso (g) Weight (g)	Dimensioni (mm) Dimensions (mm)			Coefficienti di carico (N) Basic load ratings (N)			Velocità limite Limiting Speed
	NK	NKS	RNA49/48	RNA69		Fw	D	C	Dinamico C Dynamic C _r	Statico C ₀ Static C ₀	Olio (N. giri max) Oil (N. rev. max)	
21	NK 21/16	-	-	-	28.1	21	29	16	12 800	17 750	19 000	
	NK 21/20	-	-	-	35.2	21	29	20	16 250	24 220	19 000	
22	NK 22/16	-	-	-	29.2	22	30	16	13 300	18 900	18 000	
	NK 22/20	-	-	-	37	22	30	20	16 800	25 650	18 000	
	-	NKS 22	-	-	60.2	22	35	20	23 275	26 600	17 000	
	-	-	RNA 4903	-	20.7	22	30	13	10 450	13 870	19 950	
	-	-	-	RNA 6903	39.8	22	30	23	17 650	27 550	18 000	
24	NK 24/16	-	-	-	31.9	24	32	16	14 250	21 200	17 000	
	NK 24/20	-	-	-	40	24	32	20	18 050	29 000	17 000	
	-	NKS 24	-	-	65.5	24	37	20	25 500	30 400	15 200	
25	NK 25/16	-	-	-	30	25	33	16	14 150	21 280	16 150	
	NK 25/20	-	-	-	38.4	25	33	20	17 860	29 000	16 150	
	-	-	RNA 4904	-	50.8	25	37	17	19 950	24 200	16 150	
	-	-	-	RNA 6904	97.7	25	37	30	34 200	48 450	15 200	
	-	NKS 25	-	-	65	25	38	20	26 100	31 800	15 200	
26	NK 26/16	-	-	-	30	26	34	16	14 550	22 400	15 200	
	NK 26/20	-	-	-	40	26	34	20	18 450	30 400	15 200	
28	NK 28/20	-	-	-	52.2	28	37	20	20 900	32 300	14 250	
	NK 28/30	-	-	-	82	28	37	30	31 350	54 150	14 250	
	-	-	RNA 283833	-	99.8	28	38	33	33 000	57 000	12 000	
	-	NKS 28	-	-	80	28	42	20	27 100	34 650	13 300	
	-	-	RNA 49/22	-	50.2	28	39	17	21 660	28 000	15 200	
	-	-	-	RNA 69/22	98	28	39	30	37 000	54 500	13 000	
29	NK 29/20	-	-	-	53.7	29	38	20	20 800	32 300	14 250	
	NK 29/30	-	-	-	84.3	29	38	30	30 900	54 150	14 250	
30	NK 30/20	-	-	-	57.9	30	40	20	21 470	34 200	13 300	
	NK 30/30	-	-	-	95	30	40	30	31 800	57 000	13 300	
	-	NKS 30	-	-	104	30	45	22	31 500	39 500	11 000	
	-	-	RNA 4905	-	57	30	42	17	22 420	29 900	14 250	
	-	-	-	RNA 6905	106.5	30	42	30	37 000	56 000	13 300	
32	NK 32/20	-	-	-	75.4	32	42	20	21 950	35 600	12 350	
	NK 32/30	-	-	-	102	32	42	30	34 000	62 500	12 350	
	-	-	RNA 49/28	-	80	32	45	17	23 180	31 800	12 350	
	-	NKS 32	-	-	100	32	47	22	31 800	41 300	11 400	
	-	-	-	RNA 69/28	125	32	45	30	39 500	61 300	13 000	
35	NK 35/20	-	-	-	70	35	45	20	23 000	39 400	11 400	
	NK 35/30	-	-	-	112	35	45	30	36 000	68 500	11 400	
	-	NKS 35	-	-	118	35	50	22	34 500	46 500	10 000	
	-	-	RNA 4906	-	62.8	35	47	17	23 750	33 700	12 350	
	-	-	-	RNA 6906	116	35	47	30	41 300	67 450	11 400	
37	NK 37/20	-	-	-	77	37	47	20	24 300	43 000	11 400	
	NK 37/30	-	-	-	113	37	47	30	36 300	72 500	11 400	
	-	NKS 37	-	-	123	37	52	22	34 700	47 500	10 450	



Cuscinetti a rullini senza anello interno (serie NK • NKS • RNA 49/48 • RNA 69)
Needle roller bearing without inner ring (NK • NKS • RNA 49/48 • RNA 69 series)



Diametro albero (mm) Shaft diameter (mm)	Sigla (Designation)				Peso (g) Weight (g)	Dimensioni (mm) Dimensions (mm)			Coefficienti di carico (N) Basic load capacity (N)		Velocità limite Limiting speed
	NK	NKS	RNA49/48	RNA69		Fw	D	C	Dinamico C _d Dynamic C _d	Statico C _s Static C _s	
38	NK 38/20	-	-	-	79.4	38	48	20	25 000	44 500	10 450
	NK 38/30	-	-	-	116	38	48	30	37 000	75 000	10 450
40	NK 40/20	-	-	-	78.9	40	50	20	24 700	44 650	10 450
	NK 40/30	-	-	-	120	40	50	30	37 000	75 000	10 450
	-	NKS 40	-	-	129	40	55	22	37 200	53 500	8 500
	-	-	RNA 49/32	-	89.1	40	52	20	30 000	46 800	10 500
	-	-	-	RNA 69/32	147	40	52	36	44 650	77 900	10 450
	-	-	-	-	-	-	-	-	-	-	-
42	NK 42/20	-	-	-	83	42	52	20	25 200	46 550	9 500
	NK 42/30	-	-	-	125	42	52	30	37 500	77 900	9 500
	-	-	RNA 4907	-	99.3	42	55	20	29 900	47 500	10 450
	-	-	-	RNA 6907	193	42	55	36	45 600	81 700	9 500
43	NK 43/20	-	-	-	84	43	53	20	25 700	49 000	9 500
	NK 43/30	-	-	-	126	43	53	30	38 500	80 750	9 500
	-	NKS 43	-	-	139	43	58	22	37 000	54 150	9 000
	-	-	-	-	-	-	-	-	-	-	-
45	NK 45/20	-	-	-	91	45	55	20	26 100	50 350	9 500
	NK 45/30	-	-	-	139	45	55	30	40 000	87 000	9 500
	-	NKS 45	-	-	145	45	60	22	38 500	57 000	9 000
47	NK 47/20	-	-	-	94.5	47	57	20	28 000	55 000	9 000
	NK 47/30	-	-	-	142	47	57	30	42 500	93 500	9 000
48	-	-	RNA 4908	-	132	48	62	22	40 850	63 650	9 000
	-	-	-	RNA 6908	255	48	62	40	64 000	112 000	8 120
50	NK 50/25	-	-	-	167	50	62	25	36 100	70 300	8 550
	NK 50/35	-	-	-	236	50	62	35	47 500	100 700	8 550
	-	NKS 50	-	-	157	50	65	22	41 800	66 500	7 000
52	-	-	RNA 4909	-	182	52	68	22	42 750	69 350	8 100
	-	-	-	RNA 6909	338	52	68	40	65 500	120 650	7 600
55	NK 55/25	-	-	-	167	55	68	25	38 000	77 900	7 600
	NK 55/35	-	-	-	250	55	68	35	52 500	117 000	7 600
	-	NKS 55	-	-	221	55	72	22	44 000	73 000	6 000
58	-	-	RNA 4910	-	161	58	72	22	44 650	76 000	7 600
	-	-	-	RNA 6910	296	58	72	40	69 400	132 000	7 200
60	NK 60/25	-	-	-	185	60	72	25	39 900	85 500	7 100
	NK 60/35	-	-	-	258	60	72	35	55 000	130 000	7 100
	-	NKS 60	-	-	335	60	80	28	62 500	97 500	6 000
63	-	-	RNA 4911	-	241	63	80	25	55 100	95 000	7 100
	-	-	-	RNA 6911	470	63	80	45	85 500	167 200	6 650
65	NK 65/25	-	-	-	221	65	78	25	43 500	97 000	6 650
	NK 65/35	-	-	-	310	65	78	35	58 200	141 300	6 650
	-	NKS 65	-	-	356	65	85	28	65 800	106 700	6 100
68	NK 68/25	-	-	-	241	68	82	25	43 000	88 000	6 100
	NK 68/35	-	-	-	338	68	82	35	61 000	138 000	6 100
	-	-	RNA 4912	-	275	68	85	25	57 000	102 600	6 600
	-	-	-	RNA 6912	488	68	85	45	89 300	181 450	6 200
70	NK 70/25	-	-	-	260	70	85	25	44 000	91 000	6 100
	NK 70/35	-	-	-	370	70	85	35	62 000	143 000	6 100
	-	NKS 70	-	-	380	70	90	28	66 500	112 000	4 500