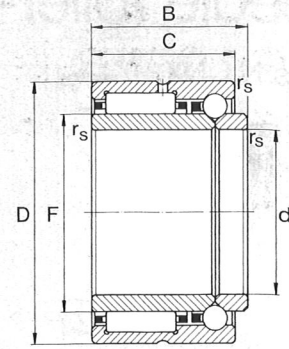


Needle roller-angular contact ball bearings

double direction
Series NKIB



NKIB

107 044

Dimension table · Dimensions in mm

Shaft diameter	Designation	Mass g	Dimensions						Basic load ratings				Limiting speed ¹⁾ $n_{l\text{oil}} \approx$ min ⁻¹
			d	F	D	B	C	r_s min.	radial dyn. C N	stat. C ₀ N	axial dyn. C N	stat. C ₀ N	
12	NKIB 5901	43	12	16	24	17,5	16	0,3	7 600	8 300	2 160	1 940	23 000
15	NKIB 5902	52	15	20	28	20	18	0,3	10 600	13 600	2 340	2 370	21 000
17	NKIB 5903	58	17	22	30	20	18	0,3	11 000	14 600	2 500	2 750	20 000
20	NKIB 5904	107	20	25	37	25	23	0,3	21 000	25 500	3 950	4 200	17 000
22	NKIB 59/22	122	22	28	39	25	23	0,3	22 800	29 500	4 250	4 850	15 000
25	NKIB 5905	134	25	30	42	25	23	0,3	23 600	31 500	4 350	5 200	14 000
30	NKIB 5906	151	30	35	47	25	23	0,3	25 000	35 500	4 750	6 300	13 000
35	NKIB 5907	247	35	42	55	30	27	0,6	31 500	50 000	6 000	8 400	11 000
40	NKIB 5908	320	40	48	62	34	30	0,6	43 000	67 000	7 400	10 900	9 000
45	NKIB 5909 X	380	45	52	68	34	30	0,6	45 000	73 000	7 700	12 000	8 500
50	NKIB 5910 X	385	50	58	72	34	30	0,6	47 000	80 000	8 100	13 700	8 000
55	NKIB 5911	555	55	63	80	38	34	1	58 000	100 000	9 700	16 600	7 000
60	NKIB 5912	595	60	68	85	38	34	1	60 000	108 000	10 000	17 900	6 500
65	NKIB 5913 X	640	65	72	90	38	34	1	61 000	112 000	10 300	19 300	6 500
70	NKIB 5914	985	70	80	100	45	40	1	84 000	156 000	13 500	25 000	5 500

The ball cages are made of plastic, permissible operating temperatures:
120 °C continuously, 150 °C temporarily, 180 °C for short periods

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