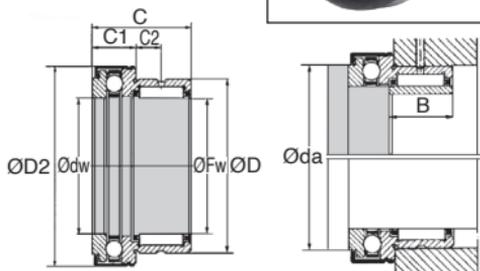


# Combined bearing without internal ring

## NKX

### With needles and thrust ball bearing

- Combined bearing to support radial and axial loads
- Supplied without internal ring: the shaft will be used as a bearing race, and will therefore have to be hardened and rectified.
- Bearing with protective cap
- Materials:  
Steel



Mounting dimensions

### Info.

- In the case of grease lubrication, maximum speed equivalent to 60% of the values in the table.

<sup>(1)</sup>Axial load  $F_a$  from 1 to 2 % of the dynamic load coefficient C (axial)

### DISCOUNTS

Qty	1+	4+	8+
Disc.	List	-15%	On request

Part number	Ød	Radial load (N)		Axial load <sup>(1)</sup> (N)		Speed (rpm) lubrication oil	Weight (g)
		Dynamic (C)	Static (Co)	Dynamic (C)	Static (Co)		
NKX12Z	12	8500	10500	10000	15000	11000	40
NKX15Z	15	10000	12000	10000	16000	9500	47
NKX17Z	17	11000	14500	10500	17900	8500	55
NKX20Z	20	15000	2500	13500	23000	7500	90
NKX25Z	25	17000	30000	18000	35000	6000	132
NKX30Z	30	21000	34000	19000	39500	5000	148
NKX35Z	35	23000	40000	20500	44650	4600	168
NKX40Z	40	25000	45000	26000	60000	4000	208
NKX45Z	45	26500	51000	27000	67000	3600	265
NKX50Z	50	36000	72000	28000	72000	3300	300

Part number	ØFw	ØD	ØD2 max	C -0,25	C1 -0,2	C2	Ødw	Øda	Stock*	Price each
										1 to 3
NKX12Z	12	21	27,2	23	9	6,5	12	21,7	✓	33,63 €
NKX15Z	15	24	29,2	23	9	6,5	15	23,7	-	34,46 €
NKX17Z	17	26	31,2	25	9	8,0	17	25,7	-	36,46 €
NKX20Z	20	30	36,2	30	10	10,5	20	30,7	✓	42,38 €
NKX25Z	25	37	43,2	30	11	9,5	25	37,7	-	48,15 €
NKX30Z	30	42	48,2	30	11	9,5	30	42,7	-	61,64 €
NKX35Z	35	47	53,2	30	12	9,0	35	47,7	-	71,79 €
NKX40Z	40	52	61,2	32	13	10,0	40	55,7	-	78,39 €
NKX45Z	45	58	66,5	32	14	9,0	45	60,5	-	90,60 €
NKX50Z	50	62	71,5	35	14	10,0	50	65,5	-	98,76 €

\*Depending on availability - Dimensions in mm

# Combined bearing without internal ring

## With needles and cylindrical roller thrust bearing

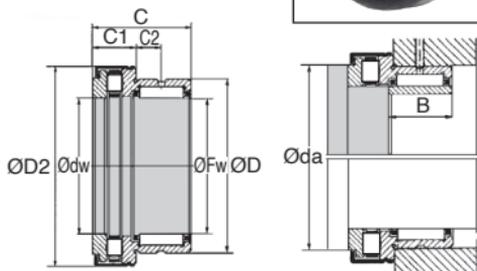
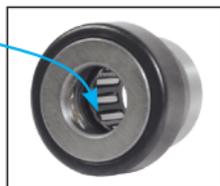
NKXR

- Combined bearing to support radial and axial loads
- Supplied without internal ring: the shaft will be used as a bearing race, and will therefore have to be hardened and rectified.
- Bearing with protective cap
- Materials:  
Steel  
Plastic stopper

### Info.

- In the case of grease lubrication, maximum speed equivalent to 60% of the values in the table.
- <sup>(1)</sup>Axial load  $F_a$  from 1 to 2 % of the dynamic load coefficient  $C$  (axial)

Without internal ring



Mounting dimensions

### DISCOUNTS

Qty	1+	4+	8+
Disc.	List	-15%	On request

Part number	Ød	Radial load (N)		Axial load <sup>(1)</sup> (N)		Speed (rpm)	Weight (g)
		Dynamic (C)	Static (Co)	Dynamic (C)	Static (Co)		
NKXR15Z	15	10500	11500	13500	27500	12350	45
NKXR17Z	17	11000	14000	15000	32500	11400	53
NKXR20Z	20	15000	23000	23500	52500	9500	84
NKXR25Z	25	17000	29000	32000	75000	8100	125
NKXR30Z	30	21000	34000	34500	85000	7100	141
NKXR35Z	35	23500	40000	38000	98000	6200	165
NKXR40Z	40	25000	45000	54000	143000	5700	214
NKXR45Z	45	26500	51000	57000	162000	4750	260
NKXR50Z	50	36000	72000	60500	169000	4560	288
NKX50Z	50	36000	72000	28000	72000	3300	300

Part number	ØFw	ØD	ØD2		C1	C2	Ødw	Øda	Stock*	Price each 1 to 3
			max	-0,25						
NKXR15Z	15	24	29,20	23	9	6,5	15	23,7	✓	47,21 €
NKXR17Z	17	26	31,20	25	9	8,0	17	25,7	-	50,69 €
NKXR20Z	20	30	36,20	30	10	10,5	20	30,7	-	63,00 €
NKXR25Z	25	37	43,20	30	11	9,5	25	37,7	-	68,66 €
NKXR30Z	30	42	48,20	30	11	9,5	30	42,7	-	77,11 €
NKXR35Z	35	47	53,20	30	12	9,0	35	47,7	-	93,10 €
NKXR40Z	40	52	61,20	32	13	10,0	40	55,7	-	107,55 €
NKXR45Z	45	58	66,50	32	14	9,0	45	60,5	-	123,24 €
NKXR50Z	50	62	71,50	35	14	10,0	50	65,5	-	139,54 €

\*Depending on availability - Dimensions in mm

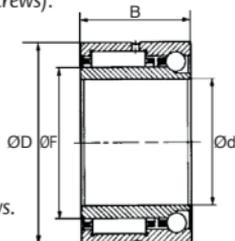
# Combined bearing with inner ring

## NKIA

## Axial load in one direction

- Combined bearing for supporting both radial and axial loads reduced in one direction.
- Supplied with an internal ring for use on an untreated shaft (ex: trapezoidal leadscrews).
- Bearing with protective cap
- Material:
  - Stainless steel
  - Plastic stop
  - Max. operating temperature: +80°C

With ring



### Application

- Supports axial loads of trapezoidal leadscrews.

### DISCOUNTS

Qty	1+	6+	10+
Disc. Price		-15%	On request

Part number	Radial load (N)		Axial load (N)		Speed (RPM)
	Dynamic (C)	Static (Co)	Dynamic (C)	Static (Co)	
NKIA12	7200	7900	2052	2138	22800
NKIA15	10070	12900	2223	2613	20900
NKIA17	10450	13870	2375	3040	19950
NKIA20	19950	24200	3753	4608	16150
NKIA22	21660	28000	4038	5320	15200
NKIA25	22400	29900	4133	5795	14250
NKIA30	23750	33700	4513	6935	12350
NKIA35	29900	47500	5700	9310	10450
NKIA40	40850	63650	7030	12065	9000
NKIA45	42750	69350	7315	13300	8100
NKIA50	44650	76000	7695	15105	7600

Part number	Weight				Price each 1 to 5	
	Ød	ØF	ØD	B (g)		
NKIA12	12	16	24	16	40	19,14 €
NKIA15	15	20	28	18	50	20,43 €
NKIA17	17	22	30	18	56	22,44 €
NKIA20	20	25	37	23	103	24,57 €
NKIA22	22	28	39	23	118	54,33 €
NKIA25	25	30	42	23	130	29,45 €
NKIA30	30	35	47	23	147	33,16 €
NKIA35	35	42	55	27	243	38,28 €
NKIA40	40	48	62	30	315	45,38 €
NKIA45	45	52	68	30	375	59,77 €
NKIA50	50	58	72	30	380	66,94 €

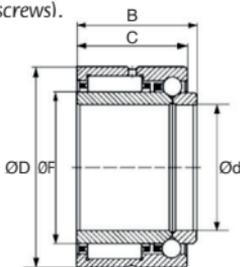
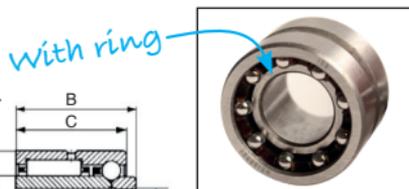
\*Within the limits of available stock - Dimensions in mm

# Combined bearing with inner ring

Axial load in both directions

NKIB

- Combined bearing for supporting both radial and axial loads reduced in 2 directions.
- Supplied with an internal ring for use on an untreated shaft (ex: trapezoidal leadscrews).
- Bearing with protective cap
- Material:
  - Stainless steel
  - Plastic stop
  - Max. operating temperature: +80°C



## Application

- Supports axial loads of trapezoidal leadscrews.

## DISCOUNTS

Qty	1+	6+	10+
Disc. Price	-15%	-15%	On request

Part number	Radial load (N)		Axial load (N)		Speed (RPM)
	Dynamic (C)	Static (Co)	Dynamic (C)	Static (Co)	
NKIB12	7200	7900	2052	2138	22800
NKIB15	10070	12900	2223	2613	20900
NKIB17	10450	13870	2375	3040	19950
NKIB20	19950	24200	3753	4608	16150
NKIB22	21660	28000	4038	5320	15200
NKIB25	22400	29900	4133	5795	14250
NKIB30	23750	33700	4513	6935	12350
NKIB35	29900	47500	5700	9310	10450
NKIB40	40850	63650	7030	12065	9000
NKIB45	42750	69350	7315	13300	8100
NKIB50	44650	76000	7695	15105	7600

Part number	Ød	ØF	ØD	B	C	Weight (g)	Price each
							1 to 5
NKIB12	12	16	24	17.5	16	43	23,83 €
NKIB15	15	20	28	20	18	52	25,50 €
NKIB17	17	22	30	20	18	58	27,48 €
NKIB20	20	25	37	25	23	108	30,68 €
NKIB22	22	28	39	25	23	122	39,95 €
NKIB25	25	30	42	25	23	134	36,30 €
NKIB30	30	35	47	25	23	151	41,49 €
NKIB35	35	42	55	30	27	247	48,56 €
NKIB40	40	48	62	34	30	320	55,08 €
NKIB45	45	52	68	34	30	380	71,63 €
NKIB50	50	58	72	34	30	385	80,52 €

\*Within the limits of available stock - Dimensions in mm