



KBOPUU
KBOPUUG

NB

NIPPON BEARING Co.

High load capacity

- Open linear bearing with sold external ring
- For linear guiding
- Use shafts supported at the ends to avoid excessive flexing.
- Integrated seals
- Material:

Housing: Steel 100C6

Balls: Steel 70 HRC +/-2

Raceway: Steel or polyamide

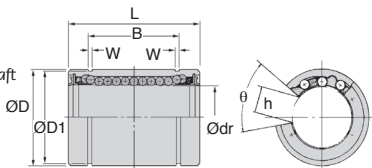


Option

- Stainless steel linear bearing

Info.

- Should be used with a **FSTN** supported shaft



DISCOUNTS

Qty	1+	5+	10+	25+
Disc.	List	-6%	-12%	On request

Part number	Ødr	ØD	L	B	W	ØD1	h	θ	Loads		Stock*	Price each 1 to 4
									Dynamic C (N)	Static Co (N)		
With steel raceway												
KB-12OP-UU	12	22 ^{+0,000/-0,009}	32 ^{+0,000/-0,008}	22,9 ^{+0,0/-0,2}	1,30 ^{+0,0/-0,2}	21,00	7,5	78°	510	784	✓	37,70 €
KB-16OP-UU	16	26 ^{+0,000/-0,009}	36 ^{+0,001/-0,009}	24,9 ^{+0,0/-0,2}	1,30 ^{+0,0/-0,2}	24,90	10,0	78°	578	892	✓	44,96 €
KB-20OP-UU	20	32 ^{+0,000/-0,011}	45 ^{+0,001/-0,009}	31,5 ^{+0,0/-0,3}	1,60 ^{+0,0/-0,2}	30,30	10,0	60°	862	1370	✓	54,40 €
KB-25OP-UU	25	40 ^{+0,000/-0,011}	58 ^{+0,001/-0,011}	44,1 ^{+0,0/-0,3}	1,85 ^{+0,0/-0,3}	37,50	12,5	60°	980	1570	✓	72,38 €
KB-30OP-UU	30	47 ^{+0,000/-0,011}	68 ^{+0,001/-0,011}	52,1 ^{+0,0/-0,3}	1,85 ^{+0,0/-0,3}	44,50	12,5	50°	1570	2740	✓	94,29 €
KB-40OP-UU	40	62 ^{+0,000/-0,013}	80 ^{+0,002/-0,013}	60,6 ^{+0,0/-0,3}	2,15 ^{+0,0/-0,3}	59,00	16,8	50°	2160	4020	✓	155,93 €
KB-50OP-UU	50	75 ^{+0,000/-0,013}	100 ^{+0,002/-0,013}	77,0 ^{+0,0/-0,3}	2,65 ^{+0,0/-0,3}	72,00	21,0	50°	3820	7940	-	On request
KB-60OP-UU	60	90 ^{+0,000/-0,015}	125 ^{+0,002/-0,015}	101,7 ^{+0,0/-0,4}	3,15 ^{+0,0/-0,4}	86,50	27,2	54°	4700	9800	-	341,67 €
KB-80OP-UU	80	120 ^{+0,000/-0,015}	165 ^{+0,004/-0,016}	133,3 ^{+0,0/-0,4}	4,15 ^{+0,0/-0,4}	116,00	36,3	54°	7350	16000	-	609,10 €
With polyamide raceway												
KB-12OP-UUG	12	22 ^{+0,000/-0,009}	32 ^{+0,000/-0,008}	22,9 ^{+0,0/-0,2}	1,30 ^{+0,0/-0,2}	21,00	7,5	78°	510	784	✓	23,11 €
KB-16OP-UUG	16	26 ^{+0,000/-0,009}	36 ^{+0,001/-0,009}	24,9 ^{+0,0/-0,2}	1,30 ^{+0,0/-0,2}	24,90	10,0	78°	578	892	-	29,24 €
KB-20OP-UUG	20	32 ^{+0,000/-0,011}	45 ^{+0,001/-0,009}	31,5 ^{+0,0/-0,3}	1,60 ^{+0,0/-0,2}	30,30	10,0	60°	862	1370	✓	37,82 €
KB-25OP-UUG	25	40 ^{+0,000/-0,011}	58 ^{+0,001/-0,011}	44,1 ^{+0,0/-0,3}	1,85 ^{+0,0/-0,3}	37,50	12,5	60°	980	1570	-	51,26 €
KB-30OP-UUG	30	47 ^{+0,000/-0,011}	68 ^{+0,001/-0,011}	52,1 ^{+0,0/-0,3}	1,85 ^{+0,0/-0,3}	44,50	12,5	50°	1570	2740	-	69,55 €
KB-40OP-UUG	40	62 ^{+0,000/-0,013}	80 ^{+0,002/-0,013}	60,6 ^{+0,0/-0,3}	2,15 ^{+0,0/-0,3}	59,00	16,8	50°	2160	4020	-	108,67 €
KB-50OP-UUG	50	75 ^{+0,000/-0,013}	100 ^{+0,002/-0,013}	77,0 ^{+0,0/-0,3}	2,65 ^{+0,0/-0,3}	72,00	21,0	50°	3820	7940	-	174,65 €
KB-60OP-UUG	60	90 ^{+0,000/-0,015}	125 ^{+0,002/-0,015}	101,7 ^{+0,0/-0,4}	3,15 ^{+0,0/-0,4}	86,50	27,2	54°	4700	9800	-	230,84 €

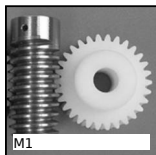
*Depending on availability - Dimensions in mm

Our other products



MSP3815

Masterplate® glueable insert rectangular, rectangular with nut



M1

Worm and wheel set, Machined plastic (delrin)



SHA_PT

Handwheel with handle, Polyamide



CPAS

Stay with safety catch, Opens upward



CHAB

Hinge with stop, Hinge



PW_PWG3

Worm - precision range, Steel



NCT

Square tube connector, Fixed angle



PAMF120

Articulated fixable foot, pressed bolt-down base Ø 120, Ø 120



CHAC4040NP

Square hinge with riveted pin, not drilled, Square with riveted pin,...



FF40

Offset spur gear reducer, from 59 to 210 Nm



NIN

Self-locking nut, Steel



SDB

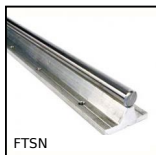
Locking bolt support bracket, Mounting holes at 90° to locating bolt

Complementary products



FTSN

Supported shaft for linear guide, Steel shaft / Aluminium support



FTSN

Supported shaft for linear guide, Steel shaft / Aluminium support