Precision open linear bearing Stock ★★★★1

KBOPUU KBOPUUG

NB NIPPON BEARING Co.

High load capacity

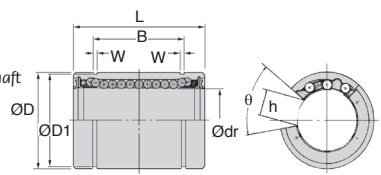
- ***Open linear bearing with sold external ring***
- *For linear guiding*
- *Use shafts supported at the ends to avoid excessive flexing.*
- *Integrated seals*
- *Material:*
  Housing: Steel 100C6
  Balls: Steel 70 HRC +/-2
  Raceway: Steel or polyamide

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 Dynamic C (N)	Loads Static Co (N)	Stock*	Price each 1 to 4
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	$32^{+0,000}_{-0,011}$	$45^{-0,001}_{+0,009}$	$31,5^{+0,0}_{-0,2}$	$1,60^{+0,0}_{-0,2}$	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	$75^{+0,000}_{-0,013}$	$100^{-0,002}_{+0,013}$	$77,6^{+0,0}_{-0,3}$	$2,65^{+0,0}_{-0,3}$	72,00	21,0	50°	3820	7940	-	On request
KB-60OP-UU	60	$90^{+0,000}_{-0,015}$	$125^{-0,002}_{+0,013}$	$101,7^{+0,0}_{-0,4}$	$3,15^{+0,0}_{-0,4}$	86,50	27,2	54°	4700	9800	-	341,67 €
KB-80OP-UU	80	$120^{+0,000}_{-0,015}$	$165^{-0,004}_{+0,016}$	$133,7^{+0,0}_{-0,4}$	$4,15^{+0,0}_{-0,4}$	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	$32^{+0,000}_{-0,011}$	$45^{-0,001}_{+0,009}$	$31,5^{+0,0}_{-0,2}$	$1,60^{+0,0}_{-0,2}$	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	$75^{+0,000}_{-0,013}$	$100^{-0,002}_{+0,013}$	$77,6^{+0,0}_{-0,3}$	$2,65^{+0,0}_{-0,3}$	72,00	21,0	50°	3820	7940	-	174,65 €
KB-60OP-UUG	60	$90^{+0,000}_{-0,015}$	$125^{-0,002}_{+0,013}$	$101,7^{+0,0}_{-0,4}$	$3,15^{+0,0}_{-0,4}$	86,50	27,2	54°	4700	9800	-	230,84 €

**Depending on availability - Dimensions in mm*

Our other products

PT821

Drive sprocket for slat top chain, Ranges 821 and 805

BAN

Angular clamp, Universal

SVG

Adjustable latch clamp with strike plate, Stroke from 82mm to 92mm

CHAPAM

Weld-on hinge with flat end, Steel

CLM

Male clevis end, Stainless steel short

PPS

Lifting ring, Universal threaded

SC2

2 part rigid shaft clamp, Clamping jaw

ACA

Steel splined shaft, Steel

DHX

Dowel pin internal thread, Extractable DIN 7979D

METC

Flanged sintered bronze bush, Self-lubricating sintered

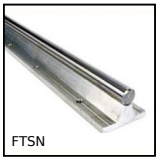
PM2

Worm and wheel set, Non hardened steel

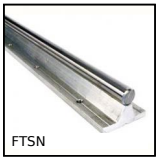
GARQT

Quarter turn lock pin for clamping, Quarter turn

Complementary products


FTSN

Supported shaft for linear guide, Steel shaft / Aluminium support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