



Linear motion

KB

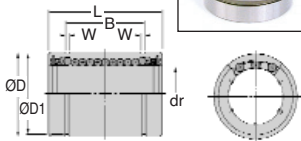
Precision linear bearing High load capacity

NB
NIPPON BEARING Co.

- Bearing with solid external ring
- Closed bearing
- Radial backlash cannot be adjusted
- Easy assembly
- Very good guidance precision
- With incorporated seals
- Materials:

Steel 100C6
Steel balls 70 HRC ±2
Steel or polyamide track

Essential



Options

- Stainless steel cylinder

info.

- Must be used with a Z-A or Z-B hardened ground shaft.

DISCOUNTS

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

PART NUMBER	dr	ØD	L	B	W	D1	Loads		Stock	Price each 1 to 4
							Dynamic C (N)	Static Co (N)		
WITH STEEL TRACK										
KB-5-UU	5 ^{-0.000} / _{+0.008}	12 ^{+0.000} / _{-0.008}	22 ^{+0.0} / _{-0.2}	14.5 ^{+0.0} / _{-0.2}	1,10	11,50	206	265	✓	30,96 €
KB-8-UU	8 ^{-0.000} / _{+0.008}	16 ^{+0.000} / _{-0.008}	25 ^{+0.0} / _{-0.2}	16,5 ^{+0.0} / _{-0.2}	1,10	15,20	265	402	✓	24,06 €
KB-10-UU	10 ^{-0.000} / _{+0.008}	19 ^{+0.000} / _{-0.009}	29 ^{+0.0} / _{-0.2}	22,0 ^{+0.0} / _{-0.2}	1,30	18,00	372	549	✓	26,73 €
KB-12-UU	12 ^{-0.000} / _{+0.008}	22 ^{+0.000} / _{-0.009}	32 ^{+0.0} / _{-0.2}	22,9 ^{+0.0} / _{-0.2}	1,30	21,00	510	784	✓	25,48 €
KB-16-UU	16 ^{-0.001} / _{+0.009}	26 ^{+0.000} / _{-0.009}	36 ^{+0.0} / _{-0.2}	24,9 ^{+0.0} / _{-0.2}	1,30	24,90	578	892	✓	28,66 €
KB-20-UU	20 ^{-0.001} / _{+0.009}	32 ^{+0.000} / _{-0.011}	45 ^{+0.0} / _{-0.2}	31,5 ^{+0.0} / _{-0.2}	1,60	30,30	862	1370	✓	35,84 €
KB-25-UU	25 ^{-0.001} / _{+0.011}	40 ^{+0.000} / _{-0.011}	58 ^{+0.0} / _{-0.3}	44,1 ^{+0.0} / _{-0.3}	1,85	37,50	980	1570	✓	47,79 €
KB-30-UU	30 ^{-0.001} / _{+0.011}	47 ^{+0.000} / _{-0.011}	68 ^{+0.0} / _{-0.3}	52,1 ^{+0.0} / _{-0.3}	1,85	44,50	1570	2740	✓	65,31 €
KB-40-UU	40 ^{-0.002} / _{+0.013}	62 ^{+0.000} / _{-0.013}	80 ^{+0.0} / _{-0.3}	60,6 ^{+0.0} / _{-0.3}	2,15	59,00	2160	4020	-	111,53 €
KB-60-UU	60 ^{-0.002} / _{+0.013}	90 ^{+0.000} / _{-0.015}	125 ^{+0.0} / _{-0.4}	101,7 ^{+0.0} / _{-0.4}	3,15	72,00	4700	9800	-	183,23 €
KB-80-UU	80 ^{-0.002} / _{+0.016}	120 ^{+0.000} / _{-0.015}	165 ^{+0.0} / _{-0.4}	133,7 ^{+0.0} / _{-0.4}	4,15	116,00	7350	16000	-	342,58 €
WITH POLYAMIDE TRACK										
KB-5-UUG	5 ^{-0.000} / _{+0.008}	12 ^{+0.000} / _{-0.008}	22 ^{+0.0} / _{-0.2}	14,5 ^{+0.0} / _{-0.2}	1,10	11,50	206	265	-	18,26 €
KB-8-UUG	8 ^{-0.000} / _{+0.008}	16 ^{+0.000} / _{-0.008}	25 ^{+0.0} / _{-0.2}	16,5 ^{+0.0} / _{-0.2}	1,10	15,20	265	402	✓	15,12 €
KB-10-UUG	10 ^{-0.000} / _{+0.008}	19 ^{+0.000} / _{-0.009}	29 ^{+0.0} / _{-0.2}	22,0 ^{+0.0} / _{-0.2}	1,30	18,00	372	549	-	15,91 €
KB-12-UUG	12 ^{-0.000} / _{+0.008}	22 ^{+0.000} / _{-0.009}	32 ^{+0.0} / _{-0.2}	22,9 ^{+0.0} / _{-0.2}	1,30	21,00	510	784	✓	18,31 €
KB-16-UUG	16 ^{-0.001} / _{+0.009}	26 ^{+0.000} / _{-0.009}	36 ^{+0.0} / _{-0.2}	24,9 ^{+0.0} / _{-0.2}	1,30	24,90	578	892	✓	22,29 €
KB-20-UUG	20 ^{-0.001} / _{+0.009}	32 ^{+0.000} / _{-0.011}	45 ^{+0.0} / _{-0.2}	31,5 ^{+0.0} / _{-0.2}	1,60	30,30	862	1370	✓	27,07 €
KB-25-UUG	25 ^{-0.001} / _{+0.011}	40 ^{+0.000} / _{-0.011}	58 ^{+0.0} / _{-0.3}	44,1 ^{+0.0} / _{-0.3}	1,85	37,50	980	1570	-	39,82 €
KB-30-UUG	30 ^{-0.001} / _{+0.011}	47 ^{+0.000} / _{-0.011}	68 ^{+0.0} / _{-0.3}	52,1 ^{+0.0} / _{-0.3}	1,85	44,50	1570	2740	✓	55,75 €
KB-40-UUG	40 ^{-0.002} / _{+0.013}	62 ^{+0.000} / _{-0.013}	80 ^{+0.0} / _{-0.3}	60,6 ^{+0.0} / _{-0.3}	2,15	59,00	2160	4020	-	80,85 €
KB-50-UUG	50 ^{-0.002} / _{+0.013}	75 ^{+0.000} / _{-0.013}	100 ^{+0.0} / _{-0.3}	77,6 ^{+0.0} / _{-0.3}	2,65	72,00	3820	7940	-	103,56 €
KB-60-UUG	60 ^{-0.002} / _{+0.013}	90 ^{+0.000} / _{-0.015}	125 ^{+0.0} / _{-0.4}	101,7 ^{+0.0} / _{-0.4}	3,15	86,50	4700	9800	-	143,39 €

*Depending on availability