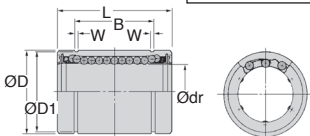


- Bearing with solid external ring
- For linear guiding
- Closed construction
- Radial backlash cannot be adjusted
- Easy to install
- Very good guiding precision
- Integrated seals
- Working temperature:
steel/polyamide: -20°C to +80°C
steel/steel: -20°C/+110°C
- Materials:
Body: Steel 100C6
Balls: Steel 70 HRC ±2
Raceway: Steel or polyamide



Info.

- Should only be used with Z-A or Z-B hardened and ground shafts

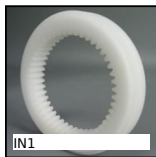
DISCOUNTS

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

Part number	Ødr	ØD	L	B	W	ØD1	Loads		Stock*	Price each 1 to 4
							Dynamic C (N)	Static C (N)		
With steel raceway										
KB-5-UU	5 ^{-0.008} / _{+0.008}	12 ^{+0.000} / _{-0.008}	22 ^{+0.0} / _{-0.2}	14,5 ^{+0.0} / _{-0.2}	1,10	11,50	206	265	✓	44,80 €
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	✓	27,08 €
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	✓	28,75 €
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	✓	30,90 €
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	✓	36,98 €
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	✓	44,55 €
KB-25-UU	25 ^{-0.011} / _{+0.011}	40 ^{+0.000} / _{-0.011}	58 ^{+0.0} / _{-0.3}	44,1 ^{+0.0} / _{-0.3}	1,85	37,50	980	1570	✓	59,32 €
KB-30-UU	30 ^{-0.001} / _{+0.011}	47 ^{+0.000} / _{-0.011}	68 ^{+0.0} / _{-0.3}	52,1 ^{+0.0} / _{-0.3}	2,15	44,50	1570	2740	✓	77,46 €
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	✓	127,83 €
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	-	280,02 €
KB-80-UU	80 ^{-0.004} / _{+0.018}	120 ^{+0.000} / _{-0.015}	165 ^{+0.0} / _{-0.4}	133,7 ^{+0.0} / _{-0.4}	4,15	116,00	7350	16000	-	554,79 €
With polyamide raceway										
KB-5-UUG	5 ^{-0.008} / _{+0.008}	12 ^{+0.000} / _{-0.008}	22 ^{+0.0} / _{-0.2}	14,5 ^{+0.0} / _{-0.2}	1,10	11,50	206	265	✓	19,49 €
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	✓	17,65 €
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	✓	18,27 €
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	✓	18,87 €
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	✓	23,73 €
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	✓	31,08 €
KB-25-UUG	25 ^{-0.011} / _{+0.011}	40 ^{+0.000} / _{-0.011}	58 ^{+0.0} / _{-0.3}	44,1 ^{+0.0} / _{-0.3}	1,85	37,50	980	1570	-	42,07 €
KB-30-UUG	30 ^{-0.001} / _{+0.011}	47 ^{+0.000} / _{-0.011}	68 ^{+0.0} / _{-0.3}	52,1 ^{+0.0} / _{-0.3}	2,15	44,50	1570	2740	✓	56,12 €
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	-	87,87 €
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	-	140,39 €
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	-	185,65 €

*Depending on availability - Dimensions in mm

Our other products



IN1

Internal gear,
Machined plastic
(delrin)



VRC2

Retaining clamp, dual
sided, Dual sided



PCH

Knob for gripping,
Mushroom



PSG15

Spur gear - precision
range, Pre-hardened
Steel 35NCD6



VTHbr

Hexagonal headed
screw VTH - DIN933,
Brass



SC2

2 part rigid shaft
clamp, Clamping jaw



BPPL

Assembly tool for
carrier ball, Mounting
tool



CHTRP

Single and dual
output gearboxes, Up
to 75,7 Nm



CHTRP

Single and dual
output gearboxes, Up
to 75,7 Nm



H1

Crossed helical gear
crossed axis at 90°,
Pre-hardened Steel
35NCD6



BH02

Single housed bearing
assembly, Bearing



PSPT

Flexible tube handle,
PVC

Complementary products



ZB

Shaft for linear
guides, Hardened
ground stainless steel



ZA

Shaft for linear
guides, Hardened
ground steel