

## High load capacity

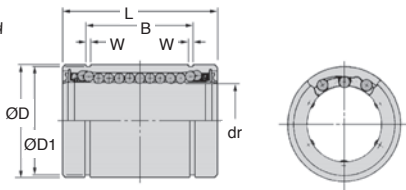
- Bearing with solid external ring
- Closed construction
- Radial backlash cannot be adjusted
- Easy to install
- Very good guiding accuracy
- Integral seals
- Working temperature:  
steel/polyamide: -20°C to +80°C  
steel/steel: -20°C to +140°C
- Materials:  
Cylinder: Stainless steel  
Balls: Stainless steel  
Track: Stainless steel or polyamide



### Info.

- Should be used with a Z-B hardened and ground shaft

**For hostile environments**



### DISCOUNTS

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

Part number	dr	ØD	L	B	W	D1	Loads		Price each 1 to 4
							Dynamic C (N)	Static Co (N)	
<b>With stainless steel track</b>									
KBS-12-UU	12 <sup>0</sup> <sub>+0,008</sub>	22 <sup>0</sup> <sub>-0,009</sub>	32 <sup>0</sup> <sub>-0,2</sub>	22,9 <sup>0</sup> <sub>-0,2</sub>	1,30	21,00	510	784	✓ 72,38 €
KBS-16-UU	16 <sup>-0,001</sup> <sub>+0,009</sub>	26 <sup>0</sup> <sub>-0,009</sub>	36 <sup>0</sup> <sub>-0,2</sub>	24,9 <sup>0</sup> <sub>-0,2</sub>	1,30	24,90	578	892	✓ 87,58 €
KBS-20-UU	20 <sup>-0,001</sup> <sub>+0,009</sub>	32 <sup>0</sup> <sub>-0,011</sub>	45 <sup>0</sup> <sub>-0,2</sub>	31,5 <sup>0</sup> <sub>-0,2</sub>	1,60	30,30	862	1370	✓ 99,26 €
KBS-25-UU	25 <sup>-0,001</sup> <sub>+0,011</sub>	40 <sup>0</sup> <sub>-0,011</sub>	58 <sup>0</sup> <sub>-0,3</sub>	44,1 <sup>0</sup> <sub>-0,3</sub>	1,85	37,50	980	1570	- 140,15 €
KBS-30-UU	30 <sup>-0,001</sup> <sub>+0,011</sub>	47 <sup>0</sup> <sub>-0,011</sub>	68 <sup>0</sup> <sub>-0,3</sub>	52,1 <sup>0</sup> <sub>-0,3</sub>	1,85	44,50	1570	2740	- 181,03 €
KBS-40-UU	40 <sup>-0,002</sup> <sub>+0,013</sub>	62 <sup>0</sup> <sub>-0,013</sub>	80 <sup>0</sup> <sub>-0,3</sub>	60,6 <sup>0</sup> <sub>-0,3</sub>	2,15	59,00	2160	4020	- 292,06 €
KBS-50-UU	50 <sup>-0,002</sup> <sub>+0,013</sub>	75 <sup>0</sup> <sub>-0,013</sub>	100 <sup>0</sup> <sub>-0,3</sub>	77,6 <sup>0</sup> <sub>-0,3</sub>	2,65	72,00	3820	7940	- 408,87 €
<b>With polyamide track</b>									
KBS-12-UUG	12 <sup>0</sup> <sub>+0,008</sub>	22 <sup>0</sup> <sub>-0,009</sub>	32 <sup>0</sup> <sub>-0,2</sub>	22,9 <sup>0</sup> <sub>-0,2</sub>	1,30	21,00	510	784	✓ 49,04 €
KBS-16-UUG	16 <sup>-0,001</sup> <sub>+0,009</sub>	26 <sup>0</sup> <sub>-0,009</sub>	36 <sup>0</sup> <sub>-0,2</sub>	24,9 <sup>0</sup> <sub>-0,2</sub>	1,30	24,90	578	892	✓ 58,36 €
KBS-20-UUG	20 <sup>-0,001</sup> <sub>+0,009</sub>	32 <sup>0</sup> <sub>-0,011</sub>	45 <sup>0</sup> <sub>-0,2</sub>	31,5 <sup>0</sup> <sub>-0,2</sub>	1,60	30,30	862	1370	✓ 75,88 €
KBS-25-UUG	25 <sup>-0,001</sup> <sub>+0,011</sub>	40 <sup>0</sup> <sub>-0,011</sub>	58 <sup>0</sup> <sub>-0,3</sub>	44,1 <sup>0</sup> <sub>-0,3</sub>	1,85	37,50	980	1570	✓ 102,78 €
KBS-30-UUG	30 <sup>-0,001</sup> <sub>+0,011</sub>	47 <sup>0</sup> <sub>-0,011</sub>	68 <sup>0</sup> <sub>-0,3</sub>	52,1 <sup>0</sup> <sub>-0,3</sub>	1,85	44,50	1570	2740	- 140,15 €
KBS-40-UUG	40 <sup>-0,002</sup> <sub>+0,013</sub>	62 <sup>0</sup> <sub>-0,013</sub>	80 <sup>0</sup> <sub>-0,3</sub>	60,6 <sup>0</sup> <sub>-0,3</sub>	2,15	59,00	2160	4020	- 216,10 €
KBS-50-UUG	50 <sup>-0,002</sup> <sub>+0,013</sub>	75 <sup>0</sup> <sub>-0,013</sub>	100 <sup>0</sup> <sub>-0,3</sub>	77,6 <sup>0</sup> <sub>-0,3</sub>	2,65	72,00	3820	7940	- 315,41 €

\*Depending on availability - Dimensions in mm

## Our other products



ZG3

Plastic spur gear,  
Machined plastic  
(delrin)



KKP-AR

Linear bearing with  
inclined ball tracks,  
Heavy loads / -20°  
+200°



CHTRB

Single and dual  
output gearboxes, Up  
to 87,3 Nm



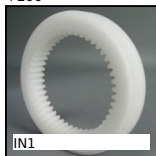
HW\_HT

Half-rail guide, Rail



SER

Magnetic doorstop for  
aluminium profile,  
Magnetic doorstop



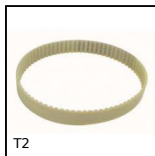
IN1

Internal gear,  
Machined plastic  
(delrin)



MFBC

Flexible Bellows  
coupling, Aluminium  
and Bronze - with  
clamping jaw



T2

T type timing belt,  
T2.5 Steel cored  
polyurethane



CLQassortment

Assorted feeler strips,  
Assorted feeler strips



PRF\_JL2

Lip seal for panel,  
Door seal - Ø 2mm



NSKB

Drylin® Rail end cap,  
Rail end cap



CLSCLP\_SS

Clevis components,  
short version,  
Stainless steel - short  
range

## Complementary products



ZB

Shaft for linear  
guides, Hardened  
ground stainless steel



ZA

Shaft for linear  
guides, Hardened  
ground steel