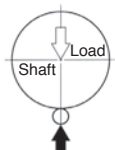
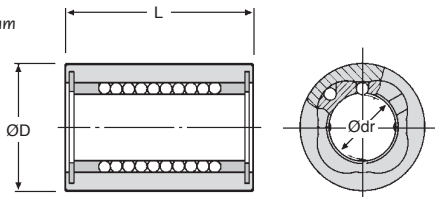


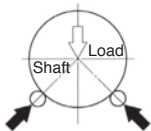
- Miniature slide bearing
- Material: steel

Assembly

- Recommended tolerances:
 - Standard assembly
 - Shaft: $6\mu\text{m}$ / $-14\mu\text{m}$
 - Housing: 0 / $+12\mu\text{m}$
 - Precise assembly
 - Shaft: $-4\mu\text{m}$ / $-9\mu\text{m}$
 - Housing: 0 / $+8\mu\text{m}$
- Depth of hardening: min. 0.8mm
- Surface hardness: HRC 58-64
- Surface roughness: min. Ra 0.8 μm



Load in direction A
Case A



Load in direction B
Case B

DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-10%	On request

Part number	Shaft Ø (mm)	No. of ball tracks	Weight (g)	Max. eccentricity (µm)	Basic dynamic load - C		Basic static load - CO	
					Case A (N)	Case B (N)	Case A (N)	Case B (N)
LBE3M	3	4	1,8	4	18,40	21,20	39,40	55,80
LBE4M	4	4	2,8	4	23,50	27,00	48,60	68,70
LBE5M	5	4	3,8	4	51,30	53,00	108,00	152,00

Part number	Ødr Tolerance (µm)	ØD Tolerance (µm)	L Tolerance (µm)	Stock*	Price each 1 to 5
LBE3M	3 ⁺⁰ ₋₈	7 ⁺⁰ ₋₈	10 ⁺⁰ ₋₁₂₀	✓	33,51 €
LBE4M	4 ⁺⁰ ₋₈	8 ⁺⁰ ₋₈	12 ⁺⁰ ₋₁₂₀	✓	31,34 €
LBE5M	5 ⁺⁰ ₋₈	10 ⁺⁰ ₋₈	15 ⁺⁰ ₋₁₂₀	✓	30,55 €

*Depending on availability - Dimensions in mm

Our other products



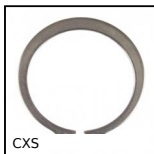
INS_BR
Self tapping brass insert, Brass



GTC
Belt tensioner, For standard applications



TBE12
Economic mini-table with trapezoidal leadscrew, 2kg



CX5
External circlip DIN471, external DIN 471



M0
Worm and wheel set, Hardened steel



NT122
Spur gear coaxial gearbox, from 32 to 85 Nm - In-line



CHMR30
Worm and wheel gear reducer, up to 28 Nm



BDPR
Holding arm, Rigid



PGB
Accessory-holder for aluminium profile,



PW_PWG3
Wheel - precision range, Bronze



PPD
Indexing plunger for sheets, For sheet



DB
Steel bevel gear, 2:1

Complementary products



KB_WW
Closed linear precision bearing, Economy range



KB_UU
Closed linear precision bearing, Precision - steel