

Datasheet

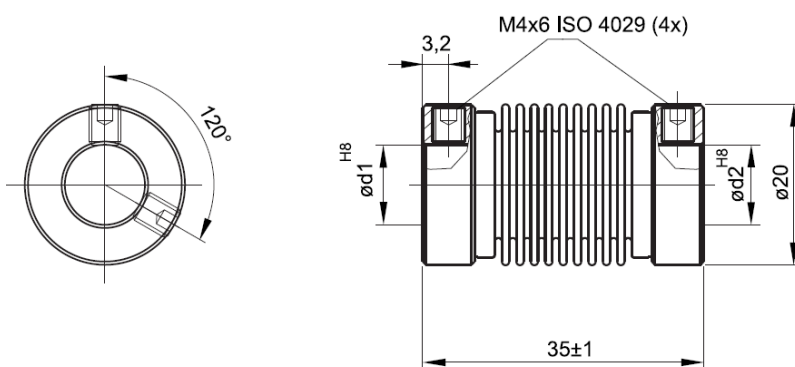
- Bellows Coupling - stainless steel bellows
- With hubs and set screws
- Backlash-free and angularly aligned transmission of rotary motions
- Optimum compensation of misalignments
- High torsional stiffness
- Low restoring forces
- Vibration-damping effect



Mechanical Data

Material	Flange Bellows	aluminium anodised stainless steel
Weight		~ 16 g
Speed		< 10.000 min ⁻¹
Torque		< 100 Ncm
Offset of Shafts		radial ±0,3 mm axial ±0,5 mm angular ±4 °
Torsion Spring Stiffness		140 Nm/rad
Radial Spring Stiffness		10 N/mm
Moment of Inertia		9 gcm ²
Tightening Torque of Screw		< 150 Ncm
Temperature Range		-30 °C ... +120°C

Dimensions



	Ø d2								Ordering Example
Ø d1	4	5	6	63	8	95	10	12	
4	X	X	X	X	X	X	X	X	
5		X	X	X	X	X	X	X	
6			X	X	X	X	X	X	
63				X	X	X	X	X	BKXS-2035-63-08
8					X	X	X	X	
95						X	X	X	
10							X	X	
12								X	

Ø63 ≙ Ø6,35 mm ≙ Ø1/4 inch
Ø95 ≙ Ø9,52 mm ≙ Ø1/8 inch