

# Datasheet

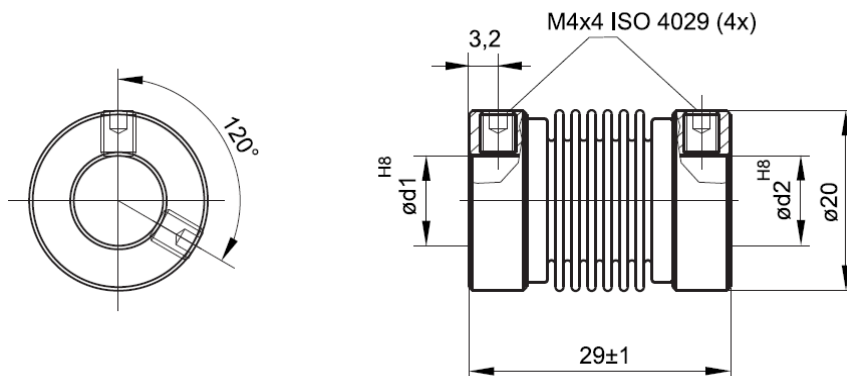
- Bellows Coupling - stainless steel bellows
- With hubs and set screws
- Backlash-free and angularly aligned transmission of rotary motions
- Optimum compensation of misalignments
- High torsional stiffness
- Low restoring forces
- Vibration-damping effect



## Mechanical Data

|                            |                   |                                                                   |
|----------------------------|-------------------|-------------------------------------------------------------------|
| Material                   | Flange<br>Bellows | aluminium anodised<br>stainless steel                             |
| Weight                     |                   | ~ 15 g                                                            |
| Speed                      |                   | < 10.000 min <sup>-1</sup>                                        |
| Torque                     |                   | < 120 Ncm                                                         |
| Offset of Shafts           |                   | radial      ±0,25 mm<br>axial        ±0,4 mm<br>angular      ±4 ° |
| Torsion Spring Stiffness   |                   | 150 Nm/rad                                                        |
| Radial Spring Stiffness    |                   | 25 N/mm                                                           |
| Moment of Inertia          |                   | 8 gcm <sup>2</sup>                                                |
| 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  | <b>X</b> | X  | X  | X  | <b>BKXS-2029-63-08</b> |
| 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