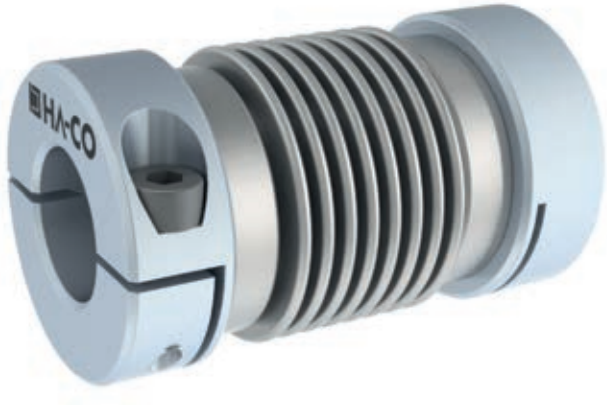
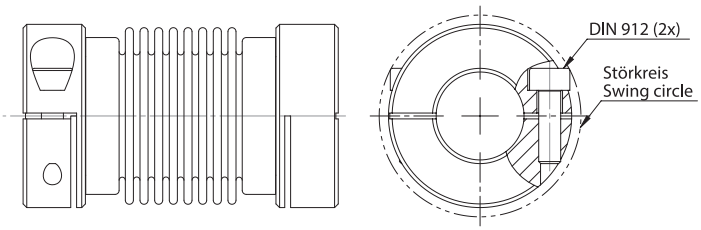
Metallbalgkupplung MKJ
mit Klemmnabe

Metal bellow coupling MKJ
with clamping hub





Merkmale
- Spielfreie Drehmomentübertragung
- Kleiner Einbauraum
- Hohe Temperaturbeständigkeit
- Niedriges Massenträgheitsmoment
- Ideal für Servomotoren
- Kleinste Rückstellkräfte auf die Lagerstellen
- Wartungsfrei

Werkstoff der Naben:	Aluminium
Werkstoff des Metallbalges:	Edelstahl
Verbindung Balg-Nabe:	eingerollt (MKJ-7 und 14 geklebt)

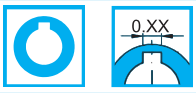
Bestellbezeichnung / Beispiel:
MKJ-50 - 6H7 - 12H7
Typ+Größe | Bohrung D1 | Bohrung D2

Characteristics
- Backlash-free torque transmission
- A small space for assembly
- High level of thermal stability
- Very low mass moment of inertia
- Ideal for servomotors
- Low restore forces on bearing points
- Maintenance-free

Material of hubs:	aluminium
Material of bellows:	stainless steel
Connection of bellow to hub:	rolled up (MKJ-7 and 14 glued)

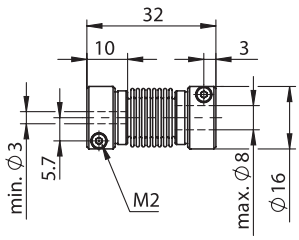
Order description / example:
MKJ-50 - 6H7 - 12H7
Type+Size | Bore D1 | Bore D2

Standard Optionen / Standardized options

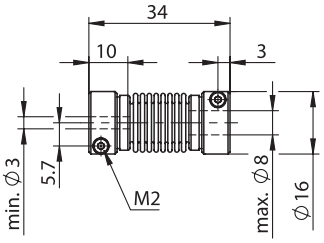


Gewünschte Optionen müssen im Bestelltext angegeben werden (Legende Symbole S. 7).
Desired options have to be mentioned in the order text (key symbols p. 7).

MKJ-7

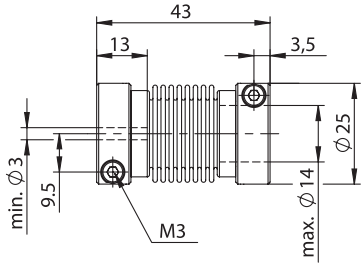


MKJ-14

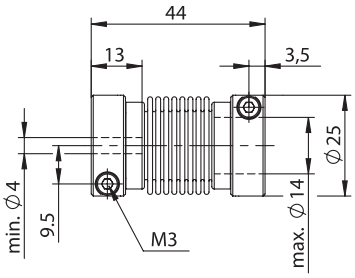


0.7 [Nm]	Nennmoment Nominal torque	1.4 [Nm]
190 [Nm/rad]	Torsionssteife Torsional stiffness	390 [Nm/rad]
18 [N/mm]	Laterale Federsteife Lateral spring stiffness	31 [N/mm]
10 [N/mm]	Axiale Federsteife Axial spring stiffness	21 [N/mm]
±0.1 [mm]	Max. lateraler Wellenversatz Max. lateral shaft misalignment	±0.1 [mm]
±0.3 [mm]	Max. axialer Wellenversatz Max. axial shaft misalignment	±0.3 [mm]
±1 [Grad] [Degree]	Max. angularer Wellenversatz Max. angular shaft misalignment	±1 [Grad] [Degree]
0.35 [10^{-6} kgm²]	Trägheitsmoment Interia torque	0.35 [10^{-6} kgm²]
10 [g]	Masse Mass	11 [g]
0.70 M_A[Nm]	Anzugsmoment der Schrauben Tightening torque of screws	0.70 M_A[Nm]
17.4 [ø mm]	Störkreis Swing circle	17.4 [ø mm]

MKJ-20

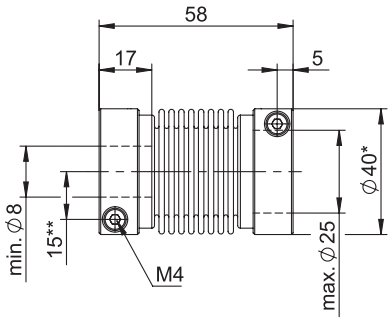


MKJ-50

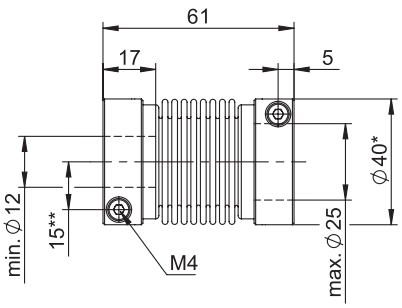


2.0 [Nm]	Nennmoment Nominal torque	5.0 [Nm]
600 [Nm/rad]	Torsionssteife Torsional stiffness	1220 [Nm/rad]
16 [N/mm]	Laterale Federsteife Lateral spring stiffness	26 [N/mm]
7.50 [N/mm]	Axiale Federsteife Axial spring stiffness	16 [N/mm]
±0.15 [mm]	Max. lateraler Wellenversatz Max. lateral shaft misalignment	±0.15 [mm]
±0.5 [mm]	Max. axialer Wellenversatz Max. axial shaft misalignment	±0.5 [mm]
±1 [Grad] [Degree]	Max. angularer Wellenversatz Max. angular shaft misalignment	±1 [Grad] [Degree]
6 [10^{-6} kgm²]	Trägheitsmoment Interia torque	7 [10^{-6} kgm²]
95 [g]	Masse Mass	95 [g]
2.00 M_A[Nm]	Anzugsmoment der Schrauben Tightening torque of screws	2.00 M_A[Nm]
27.5 [ø mm]	Störkreis Swing circle	27.5 [ø mm]

MKJ-100



MKJ-150



10.0 [Nm]	Nennmoment Nominal torque	15.0 [Nm]
2590 [Nm/rad]	Torsionssteife Torsional stiffness	5210 [Nm/rad]
17 [N/mm]	Laterale Federsteife Lateral spring stiffness	29 [N/mm]
8 [N/mm]	Axiale Federsteife Axial spring stiffness	17 [N/mm]
±0.2 [mm]	Max. lateraler Wellenversatz Max. lateral shaft misalignment	±0.25 [mm]
±0.7 [mm]	Max. axialer Wellenversatz Max. axial shaft misalignment	±0.7 [mm]
±1 [Grad] [Degree]	Max. angularer Wellenversatz Max. angular shaft misalignment	±1 [Grad] [Degree]
23 [10^{-6} kgm²]	Trägheitsmoment Interia torque	27 [10^{-6} kgm²]
110 [g]	Masse Mass	120 [g]
5 M_A[Nm]	Anzugsmoment der Schrauben Tightening torque of screws	5 M_A[Nm]
41.1 [ø mm]	Störkreis bei Bohrungs-Ø ≤ 20 Swing circle with bore-Ø ≤ 20	41.1 [ø mm]

Bei Bohrungs-Ø > 20 / with bore-Ø > 20
*Ø46 // **17

Bei Bohrungs-Ø > 20 / with bore-Ø > 20
*Ø46 // **17