BX6

WITH REMOVABLE CONICAL CLAMPING RING HUB 10 - 100 KNm

ABOUT

FEATURES

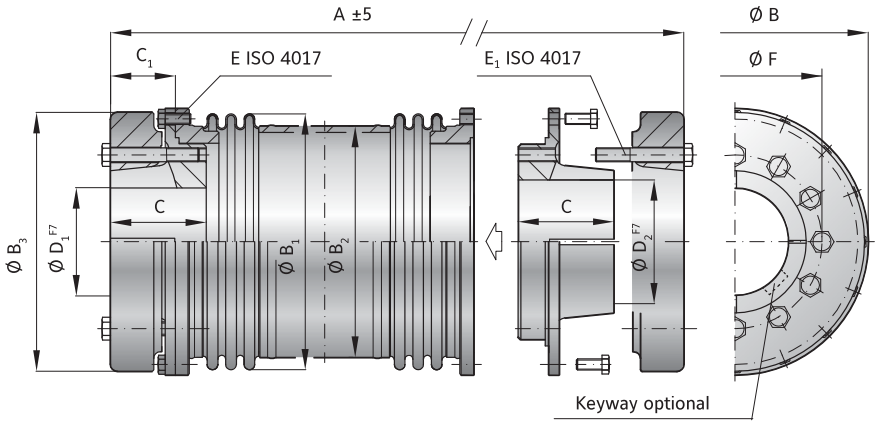
- **c**ompact, simple design
- high misalignment compensation
- integral support (size 25 and up)

MATERIAL

- **Hubs:** steel
- **Bellows:** highly flexible high grade stainless steel

DESIGN

Both sides with removable clamping hubs including conical clamping ring system.
Spacer between bellows
(optional variable length)
(size 10 without spacer)
welded bellows-hub connection



MODEL BX6

SIZE			10	25	50	75	100
Rated torque	(KNm)	T_{KN}	10	25	50	75	100
Maximum torque	(KNm)	T_{Kmax}	15	38	75	113	150
Overall length	(mm)	$A_{\pm 5}$	235	530	650	840	940
Outside diameter of flange	(mm)	B	310	336	398	449	545
Outside diameter of bellows ±2	(mm)	B_1	300	323	370	412	520
Outside diameter of tube	(mm)	B_2	–	273	324	360	460
Diameter of clamping ring	(mm)	B_3	300	310	380	420	530
Fit length	(mm)	C	90	110	140	170	200
Length	(mm)	C_1	55	74	99	130	150
Inside diameter possible from Ø to Ø F7	(mm)	D_1/D_2	70 - 170	80 - 170	100 - 200	130 - 230	150 - 280
Fastening screw ISO 4017 for mounting flange	(mm)	E	20 x M12	24 x M16	24 x M20	20 x M24	24 x M24
Tightening torque	(Nm)		120	300	580	1000	1000
Fastening screw ISO 4017 for conical clamping ring	(mm)	E_1	8 x M16	12 x M16	12 x M20	16 x M20	12 x M24
Tightening torque	(Nm)		200	250	300	350	600
Bolt circle diameter ±0.4	(mm)	F	210	220	250	290	360
Moment of inertia	(10^{-3} kgm²)	$J_{ges.}$	828	1535	3799	8277	24876
Approximate weight	(kg)		60	93	168	280	550
Axial	± (mm)	Max. value	3	5	6	7	8
Lateral	± (mm)		0,4	2,2	2,5	3	3,5
Angular	± (degree)		1,5	1	1	1	1
Torsional stiffness coupling	(10^3 Nm/rad)		20.000	9.000	15.500	23.000	35.000

ORDERING EXAMPLE	BX4 | BX6	50	120	200	XX
Model	●				Special designation only (e.g. stainless steel hubs)
Size / torque rating (KNm)		●			
Bore D1 F7			●		
Bore D2 F7				●	

For custom features place an XX at the end of the part number and describe the special requirements (e.g. BX4 / 50 / 117.48 / 127 / XX; XX = 700 mm overall length)