



Couplings for servo-motors

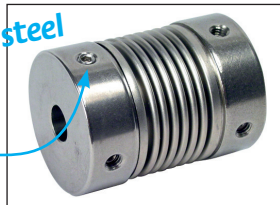
MFBS

Torque: **0.5 to 3Nm**

- High precision
- High torsional stiffness
- Large misalignment
- Identical operation in both clockwise and anti-clockwise directions
- Materials:
Hub: stainless steel 303
Bellows: stainless steel 316L
- Max. working temperature:
+150°C
- Bellows and hub bonded together

stainless steel

set screw fixing

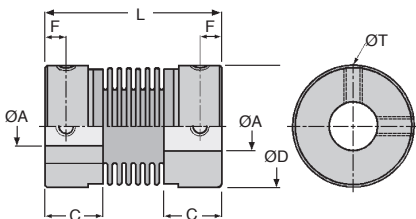


Uses

- Encoders, automated and robotic systems
- Stepper motors that cannot detect start position

Options

- We are unable to modify these parts



STANDARD BORES IN STOCK

Part number	Misalignment			Torque	
	Radial (mm)	Axial (mm)	Angular	Nominal (Nm)	Max. (Nm)
MFBS-12	0,10	+0,40 -1,20	1,5°	0,5	1
MFBS-16	0,10	+0,40 -1,20	1,5°	1,0	2
MFBS-20	0,15	+0,60 -1,80	2,0°	1,5	3
MFBS-25	0,15	+0,60 -1,80	2,0°	2,0	4
MFBS-32	0,20	+0,80 -2,50	2,0°	3,0	6

DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	Standard bore	Max. bore ØA	ØD	L	C	ØT	F	Moment of inertia (kg·m ²)	Torsional stiffness (Nm/Rad)	Weight (g)	Max. rotational speed (rpm)	Price each Standard Bore
MFBS-12	3 x 3	6,35	12	23,5	7,5	M2,5	2,5	2,1 x 10 ⁻⁷	100	9,1	52000	95,04 €
MFBS-16	4 x 4	8	16	26,5	9,0	M3	3,0	8,0 x 10 ⁻⁷	150	20,0	39000	118,27 €
MFBS-20	5 x 5	10	20	32,0	10,0	M3	3,5	2,3 x 10 ⁻⁶	220	37,0	31000	128,08 €
MFBS-25	6 x 6	12	25	36,5	12,0	M4	4,5	7,0 x 10 ⁻⁶	330	73,0	25000	133,43 €
MFBS-32	6 x 6	16	32	42,0	13,5	M4	5,5	2,1 x 10 ⁻⁵	490	130,0	19000	174,41 €

Dimensions in mm

Our other products



NIN

Self-locking nut, A2
Stainless steel



M0

Worm and wheel set,
Non hardened steel



PRF_SDD_1820

Support for Ø18 or
Ø20mm Prox
detector, Ø18 and
Ø20



PC5375S

Chain sprocket -
Stainless steel, 9.525
(DIN 06B-1)



TFR

Rigid manual
tensioner, Fixed



VPRA_M

Handwheel with
handle,
Thermosetting plastic
- galvanised steel hub



BS2

Panamech, Multi-
Beam, Aluminium -
with set screw



AC156-157

Strike for toggle latch,
25.5mm



M0

Worm and wheel set,
Hardened steel



DSF

Slip friction clutch, 4
to 2600 Nm



SDG

Adjustable guide
support bracket,
25.5mm



LVT

Miniatur motorised
actuator 4A, 4 amperes

Complementary products



MFB

Flexible bellows
coupling, Aluminium
and Bronze - With set
screw



MFBC

Flexible Bellows
coupling, Aluminium
and Bronze - with
clamping jaw