



Stainless steel flexible bellows coupling

Couplings for servo-motors

MFBSc

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

clamp hub

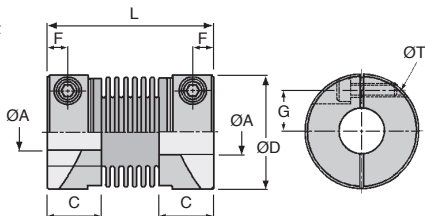


Uses

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

Info

- We are unable to modify these parts



Part number	Misalignment			Torque	
	Radial (mm)	Axial (mm)	Angular	Nominal (Nm)	Max. (Nm)
MFBS-12C	0,10	+0,40 -1,20	1,5°	0,5	1
MFBS-16C	0,10	+0,40 -1,20	1,5°	1,0	2
MFBS-20C	0,15	+0,60 -1,80	2,0°	1,5	3
MFBS-25C	0,15	+0,60 -1,80	2,0°	2,0	4
MFBS-32C	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 ØA	Max. bore ØA	ØD	L	C	ØT	F	G	Moment of inertia (kg·m ²)	Torsional stiffness (Nm/Rad)	Max. rotational speed (rpm)	Stock*	Price each
													Standard Bore
MFBS-12C	4 x 4	5,00	12	23,5	7,5	M2	2,25	4,0	2,1 x 10 ⁻⁷	100	52 000	✓	177,70 €
MFBS-16C	5 x 5	6,35	16	26,5	9,0	M2,5	3,00	5,0	8,1 x 10 ⁻⁷	150	39 000	✓	178,36 €
MFBS-20C	6 x 6	8,00	20	32,0	10,0	M2,5	3,50	6,5	2,3 x 10 ⁻⁶	220	31 000	✓	220,16 €
MFBS-25C	8 x 8	10,0	25	36,5	12,0	M3	4,50	9,0	6,9 x 10 ⁻⁶	330	25 000	✓	228,02 €
MFBS-32C	8 x 8	14,0	32	42,0	13,5	M4	5,00	11,0	2,1 x 10 ⁻⁵	490	19 000	✓	259,42 €

*Depending on availability - Dimensions in mm

Our other products



B3PAN

Panamech, Multi-Beam stainless steel, Stainless steel - with clamping...



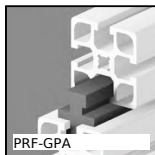
BAP

Plastic clamping collar, Ø10 - Ø20



SLHHlok

Horizontal toggle clamp, Horizontal toggle clamp / horizontal foot



PRF-GPA

Guide for aluminium profile, Parallel rails



PRF_ART

Articulated bracket for use with aluminium profile, With clamping ha...



CHAFR-MINI

Miniature friction hinge, Friction



MDR

Dee shackle with eye bolt, Steel



M1

Worm and wheel set, Non hardened steel



G0

Steel spur gear, Steel 20NCD2



GE

Toggle latches, Miniature



VB

Small 6 lobe threaded handle - female, Duroplast - Stainless steel



SEH

Horizontal stirrup toggle clamp, Horizontal Latch clamp - stainless ...

Complementary products



MFBC

Flexible Bellows coupling, Aluminium and Bronze - with clamping jaw



MFBS

Stainless steel flexible bellows coupling, Stainless steel - with se...