



Couplings for servo-motors

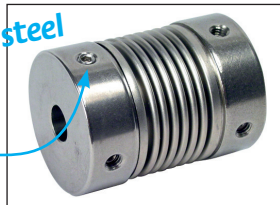
MFBS

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

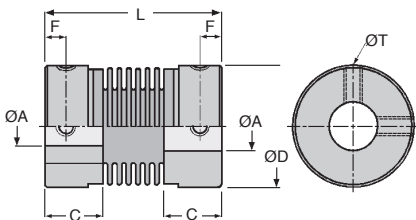


Uses

- 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 €

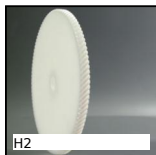
Dimensions in mm

Our other products



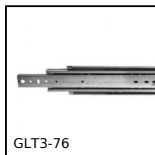
CHTRP

Single and dual output gearboxes, Up to 34,5 Nm



H2

Crossed helical gear crossed axis at 90°, Machined plastic (delrin)



GLT3-76

Telescopic drawer,



PTA50

Articulated levelling foot, pressed base Ø50, Ø 50



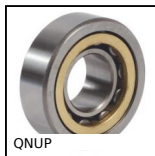
SSDB

Stainless steel bevel gear, 2:1



PPS

Lifting ring, Universal threaded



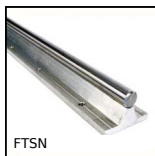
QNUP

Single row cylindrical roller bearing, 1 fixed inner flange and 1 fr...



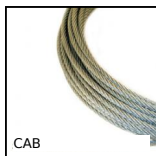
BZY

Cylindrical elastomount, Steel



FTSN

Supported shaft for linear guide, Steel shaft / Aluminium



CAB

Galvanised steel cable, Galvanised steel



INS100

Self tapping inserts-coarse thread, Coarse thread



AT5-16ECO

AT type timing pulley, Economy range - AT5 aluminium

Complementary products



MFB

Flexible bellows coupling, Aluminium and Bronze - With set screw



MFBC

Flexible Bellows coupling, Aluminium and Bronze - with clamping jaw