

MFB/MFBS Flexible Couplings - Bellows Type

[WEB Selection Tool](#)
[WEB CAD Download](#)
[Zero Backlash](#)
[SUS Stainless steel](#)

Structure

• Set Screw Type

MFB Aluminum alloy hub → P.xxxx



MFBS Made of all stainless steel → P.xxxx



• Clamping Type

MFB-C Aluminum alloy hub → P.xxxx



MFBS-C Made of all stainless steel → P.xxxx



• Recommended Applicable Motor

	MFB	MFBS
Servomotor	●	●
Stepping Motor	○	○
General-purpose Motor	●	●

○: Excellent ○: Very good ●: Available

• Property

	MFB	MFBS
Zero Backlash	◎	◎
Allowable Misalignment	○	○
Corrosion Resistance (All S.S.)	—	◎

◎: Excellent ○: Very good

- This is a bellows type flexible coupling.
- The bellows allows eccentricity, angular misalignment, and end-play.
- Even if there is misalignment, the constant revolution is performed.
- There are two types of bellows: phosphor bronze type and stainless steel type.

• Application

Encoder

• Material/Finish

RoHS2 Compliant

	MFB / MFB-C	MFBS / MFBS-C
Hub	A2017 Anodized	SUS303
Bellows	C5191	SUS316L
Hex Socket Set Screw	SCM435 Ferrosoferric Oxide Film (Black)	SUSXM7
Hex Socket Head Cap Screw	SCM435 Ferrosoferric Oxide Film (Black)	SUSXM7

• Part number specification

MFB-20C-6-8

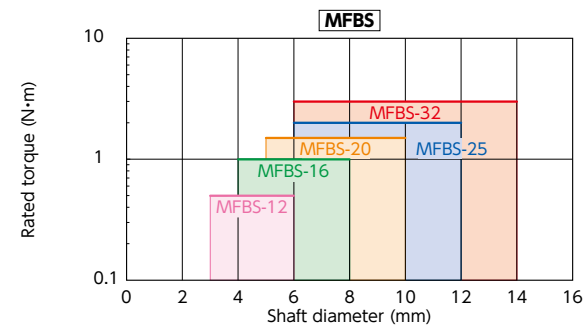
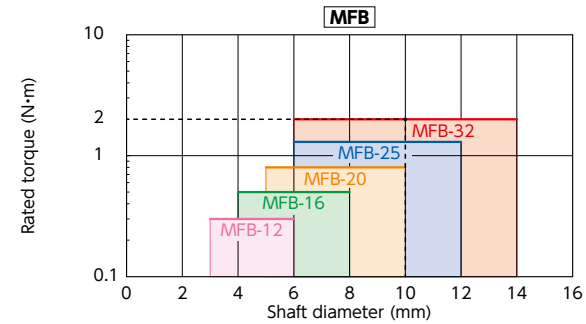
Product Code Size Bore Diameter

Please refer to dimensional table for part number specification.

Selection

• Selection Based on Shaft Diameter and Rated Torque

The area bounded by the shaft diameter and rated torque indicates the selection size.



• Selection Example

In case of selected parameters of shaft diameter of ϕ 10 and load torque of 2 N·m, the selected size for **MFB** **MFB-32**.



[Additional Keyway at Shaft Hole → P.xxxx](#)
 [Cleanroom Wash & Packaging → P.xxxx](#)
 [SUS Change to Stainless Steel Screw → P.xxxx](#)
 Available / Add'l charge Not Available Please feel free to contact us