BIBBY SERIES III GEAR COUPLING

Flexible Couplings
Series FD - High Torque

SIZES 15-70

FLANGED SLEEVE — DOUBLE-ENGAGEMENT TYPE

Application: Meets requirements of all standard applications for shaft sizes up to 265 mm. Compensates for both angular misalignment and parallel offset.

Description: Series FD Flexible Coupling is designed with bolted center flanges to facilitate installation and alignment. Optimum separation of gear meshes permits high parallel offset capacity. Flanged-sleeve design makes possible minimum distance between bearing housings to facilitate shaft alignment. The coupling is optimized for the greatest torque capacity.

Contact the factory for additional details, modifications and variations. Combined angular and parallel offset should not exceed + 3/4° per gear mesh.

Bibby Series III Couplings – Fully-Crowned Teeth for Higher Torque, Higher Speed, Higher Misalignment Capacity

ALL SERIES FD COUPLINGS INCORPORATE THE FOLLOWING ENGINEERED FEATURES:

- ±3/4° angular misalignment capacity per gear mesh.
- Accurately machined medium carbon steel hubs and sleeves.
- Torque ratings at full misalignment - in excess of normal requirements for average applications.
- Positive-type 0-ring seals keep lubricant in...contaminants out. Seals enshrouded to prevent damage.

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www.bibbyturboflex.com
BIBBY SERIES III GEAR COUPLING

Flexible Couplings
Series FS - High Torque

SIZES 15-70

FLANGED SLEEVE — SINGLE-ENGAGEMENT TYPE

Application: Used primarily in tandem pairs, connected by intermediate floating shafts or as individual unit in conjunction with a driver or driven shaft having self-aligning support bearing. When used singly, compensates for angular misalignment only.

Description: Series FS Flexible Coupling consists of one standard flexible half coupling and one rigid half. The bolted center flanges facilitate installation and alignment.

<table>
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<tr>
<th>FS Size</th>
<th>Maximum Hub Bore (mm)</th>
<th>Torque Nm</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>C1</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>F1</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>J1</th>
<th>Mass kg</th>
<th>MR² Inertia kgm²</th>
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Contact the factory for additional details, modifications and variations. Combined angular and parallel offset should not exceed + 3/4° per gear mesh.

Gear Couplings Bore And Keyway Service

ASK ABOUT OUR EXPRESS BORE AND KEYWAY SERVICE:

- Express: 2-3 working days leadtime
- Standard: 5 working days leadtime
Bibby Turboflex Facilities

Europe
Cannon Way, Dewsbury
West Yorkshire WF13 1EH - England
+44(0) 1924 460801
Disc, Gear, Grid Couplings, Overload Clutches

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Unit 11, Middle Park, Cnr. Craig & Dormethi Roads
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