

Flexible Engineered Solutions

Bend Stiffener Latching Mechanism

Flexible Engineered Solutions have built up a reputation for satisfying client's needs with a range of Bend Stiffener Latching Mechanisms / Connector by means of high quality and short lead-time. The range is enhanced by the design capability to engineer solutions that meet the client requirements.

The Bend Stiffener Latching Mechanisms / Connector has been developed over a number of projects and is used to enable a diver-less installation of the Bend Stiffeners, therefore increasing safety during these operations.



Design

FES utilise highly qualified technical personnel for all design phases associated with Bend Stiffener Latching Mechanism and all ancillary equipment.

Sophisticated computer software and the latest FEA programmes are utilised to achieve and satisfy the necessary design parameters

Substantial engineering experience and vast industrial knowledge enable FES to provide a first class engineering solution.

Manufacture & Testing

All systems designed by FES are manufactured in-house therefore maintaining client confidentiality and quality.

In-house assembly and testing facilities ensure all test procedures and inspection & testing plans are strictly adhered to.

Quality

Working in accordance with the requirements of ISO 9001:2000 quality standard FES can ensure that all Bend Stiffener Latching Mechanism assemblies are supplied with the highest level of quality, service and after sales support providing total customer satisfaction.

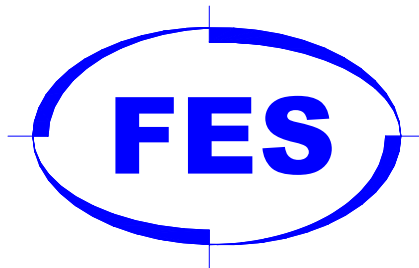


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Component Characteristics

- Automatic to connect during installation
- Hydraulic intervention to disconnect
- Hydraulic disconnect can be via sub sea ROV intervention or topside piping to suit the project requirements.
- Third party approved for systems
- Full material traceability available in accordance with EN 10204 3.1
- BSLM / BSC have been manufactured for use in West Africa, Australia, North Sea, Gulf of Mexico, Mediterranean, Brazil & New Zealand
- BSLM / BSC have been supplied for use on Internal FPSO turrets, external FPSO turrets, tri-pod catenary mooring systems, floating production units and rig to FPSO fluid transfers

Product Range

- 3" to 15" Riser diameters supplied
- 16" to 1m 'I' / 'J' Tube diameters supplied
- Extreme design loadings of 1616kN shear force, 4732kNm bending moment and a water depth of 820m



There are no parameters to the level of commitment given to customer satisfaction. Experience and technical ability gives FES the edge in terms of reliability and above all flexibility; a flexibility that enables FES to provide a first class engineered solution.

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