STATS GROUP
Managing Pressure, Minimising Risk

Subsea Mechanical Pipe Connector

STATS range of subsea mechanical Connectors are used for the tie-in or repair of pipelines and risers. The slipover design and mechanical locking assembly provides a flanged connection without the need for hyperbaric welding, available from 2" up to 48".

The connector features a dual seal design with independent activation of seals and taper locks for efficient installation and seal testing. STATS Connectors have an extensive track record spanning over 15 years, with 100% leak-free service. Designed in accordance with recognised industry standards and guidelines, the Connector components are compatible with a wide range of fluid types and flow conditions. All Connector components are coated to provide protection for use in hostile operating environments.

Connector Configurations

- Flanged outlet for connecting plain end pipe to a pre-flanged termination, mis-alignment flange interface available
- Coupling for connecting plain-end pipe to plain-end pipe
- End Cap for capping plain-end redundant pipe work

Connector Applications

- Subsea pipeline section repairs
- Valve installation
- Pipeline modification and rerouting
- Pipeline abandonment

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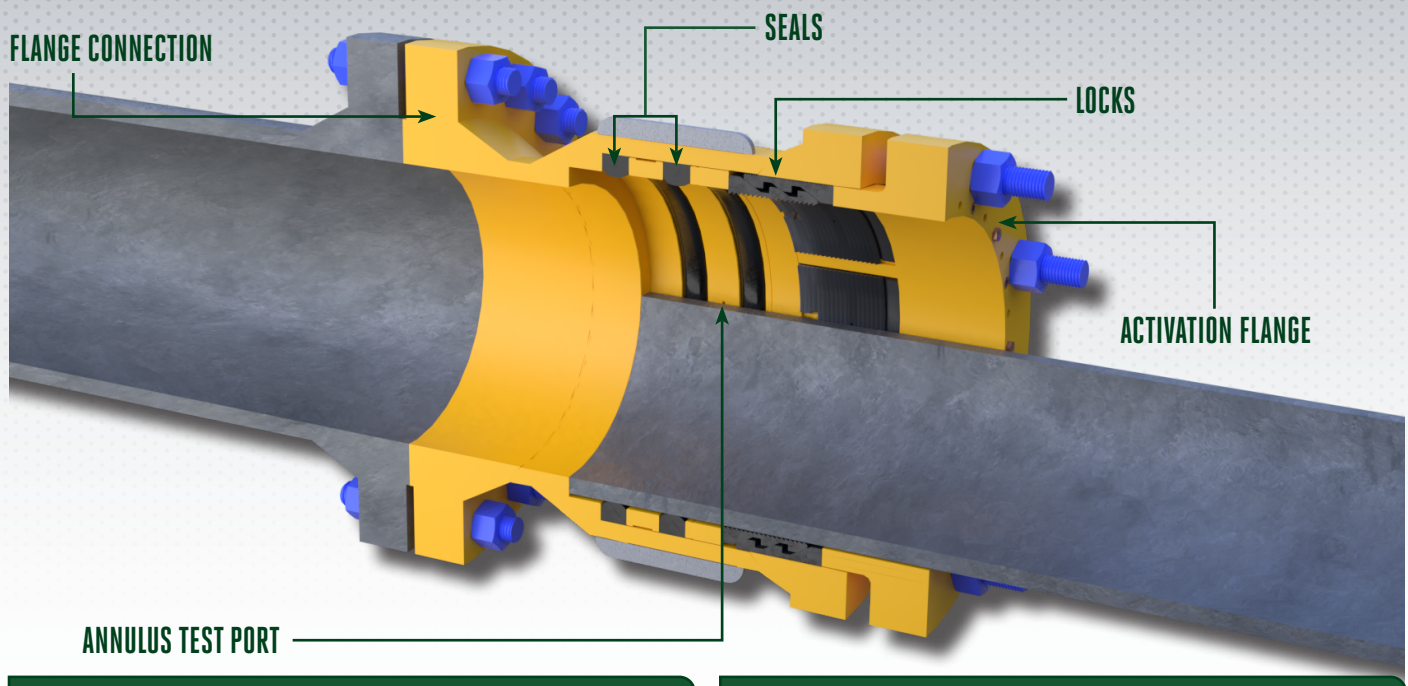

Key Features

- Dual seal design, independent activation of seals and locks
- Hydrogenated Nitrile Butadiene Rubber (HNBR) seal supplied as standard, alternative sealing material available upon request
- DNV GL Type Approved design up to #300, design pressure 2500# (or above) available upon request
- DNV Pipeline Component Product Certificate, in accordance with DNVGL-SE-0499 available upon request (optional item)
- Annulus test port allows a pressure test between the two seals
- Designed for compatibility with a wide range of pipe materials including carbon steel and stainless steel as standard, duplex available on request
- Materials rated suitable for Sour service
- External grip assembly applies an even circumferential grip load around the host pipe, eliminating excessive stress and unacceptable strain of the pipeline
- Easily installed and commissioned by divers with basic training, ROV or remote tooling installation option is available.
- External grip lock and seal assembly eliminates possible flow disturbance and turbulence
- Suitable for installation in horizontal, vertical, inclined piping and where space is restricted
- Forged body or fabricated options available

Applicable Standards and Specifications

- DNVGL-ST-F101 Submarine Pipeline Systems
- ASME Boiler and Pressure Vessel Code, Section VIII, Div 2
- API 5L, Specification for Line Pipe
- ASME B16.5, Pipe Flanges and Flanged Fittings
- ASME B31.8, Gas Transmission and Distribution Systems
- ASME B31.4 Pipeline Transportation Systems for Liquid Hydrocarbons
- API 6H, Specification on End Closures, Connectors and Swivels
- External coated in accordance with Norsok M501 System 7