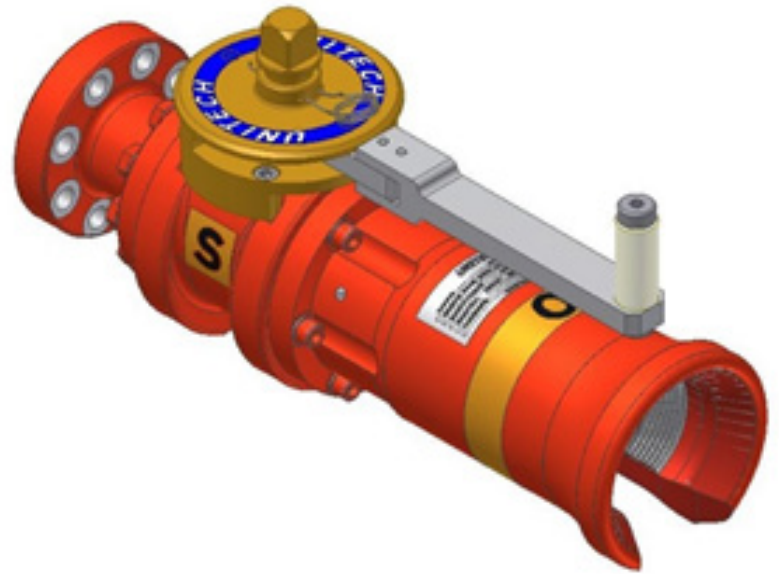


UH-550 MALE ROV OPERATED STAB CONNECTOR W/ INTEGRATED BALL VALVE



UH-550 Male with Integrated Ball Valve
(Fixed Half)

CONNECT RELIABLY WITH INDUSTRY-LEADING STAB CONNECTORS

The UH-550 with Integrated Ball Valve is a High pressure Stab Connector with Metal to Metal & Double resilient sealing with an integrated ROV Manipulator operated Ball Valve for Subsea Production, Gas Lift, Service Lines, Injection & Sample taking. The unique low friction design allows to open & close the valve at full pressure with the ROV manipulator while the ROV and its torque tool remains connected to the ROV interface of the female connector. This allows very fast & safe subsea operation for fluid injection & sample taking.

The connector operation principle is safe and simple with docking and connecting separated in two phases:

- Docking of female unit by ROV torque tool into male unit's guide funnel
- Apply a light torque clockwise when pushing slightly forward. The connector will first lock and then connect hydraulically.
- ROV manipulator moves handle to open / close
- Alignment marking at both positions for visual confirmation if valve is fully opened or closed



Qualified to
API 6A PSL-3G
standards

UH-550 Male Stab Connector with Integrated Ball Valve 10,000 psi - ROV-Operated

FEATURES

- Product fully qualified with third party witness
- Extremely low friction design & therefore operated under full pressure by ROV Manipulator only
- No need for ROV torque tool
- ROV torque tool can remain on female connector while opening closing valve with manipulator
- Low complexity, fixed mounted subsea male connector compact design with integrated ROV operable ball valve
- NACE MR-0175 Compliant
- No need to disconnect Female connector & operate valve with torque tool
- Anti-galling materials

SPECIFICATIONS

Specification	API 6A PSL 3G
Internal Dia. through valve	1.5" - 38.1mm
Materials	Super Duplex for valve body & API flange, Inconel 625/718 available on demand Duplex for guide & locking funnel, Inconel 725 for ball, sealing cartridge & valve stem
Temperature Class	PRSTU (-20°F to 250°F)
Working Pressure	10,000 psi
Test Pressure	15,000 psi
Water Depth, range	10,000 ft (hyperbaric tested)
Connector Interface	2-1/16" 10M Flange per API 6A/ISO 10423 Other interfaces like weld prep are available on demand
Valve Seals	
Ball to body	PEEK & Tungsten Carbide coated Inconel metal seal, spring & pressure loaded w/ peek backup seal
Secondary seal groups	Spring energized Metal to Metal seal, spring energized PTFE & Elast-o-lion
ROV Interface	Standard API 17H Class 4 Bucket Valve operation by ROV torque tool interface also available on demand ROV Manipulator to operate the valve