REMOTE CONNECTORS

MORGRIP CLAMPS & CONNECTORS

PRODUCT DESCRIPTION

MORGRIP Subsea Remote Connectors enable subsea pipelines to be joined or terminated in a hub/flange or end cap, in locations that are difficult or impossible to reach by divers. Developed to be installed remotely, our connectors are field proven throughout the world and we are the only supplier with relevant track record having supplied 95% of all in-service units.

A DNV-GL Type Approved Product, the MORGRIP enables a certified permanent repair for a wide range of pipe materials, pressures, diameters and temperatures. The unique gripping and sealing technology ensures a connection that is at least as strong as the pipe itself, outperforming quality welds in fatigue loading.

With over 90 remote units supplied since the 1980’s providing a 100% success during infield operation, MORGRIP holds the industry records for highest pressure, deepest water location, largest pipe diameter and is the only unit deployed in a vertical riser application at 1350mwd.

CAPACITIES

| Pipeline size | 1/2in to 42in |
| Material      | Carbon steels, stainless steels, duplex steels |
| Temperature   | -40degC to 250degC |
| Working Pressure | Up to and including ANSI 2500 rating (638bar test pressure) |

For applications outside of this scope, bespoke engineered solutions are available.

INTERFACES

| Activation                  | Single activation with remote bolt tensioners |
| Gripping Technology         | Collet or ball & taper |
| Seal Material               | Dual graphite |
| Back Seal Pressure Test     | Yes |
| Installation                | Remote installation & activation frames |
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ADDITIONAL INFO

Design code
DNVGL-ST-F101/ F113 Pipeline Repair
ASME BPVC VIII Div.1
ASME B31.3
API SL Linepipe specification
ASME BPVC VIII Div.2 on request

Coating
Jotamastic 87, Interzone 954 or
NORSOK M-501 System 7C & 7B Compliant

Maintenance
Not required post installation

Packing
Steel assembly & shipping frames

Design Life
40 years

TRACK RECORD

Our full remote installation history as of August 2020.

1996 Halten Pipe 2off 16" MORGRIP 190Barg Remote Couplings
1996 YME Pipe 1off 4" MORGRIP 170Barg Remote Coupling
2002 Snorre Vigdis Riser 1off 12" MORGRIP 285Barg Remote Coupling
2009 Kvitebjorn Pipeline 2off 28" MORGRIP 178Barg Remote Couplings
2010 Troll C Manifold 1off 6" MORGRIP 340Barg End Cap (Duplex)
2015 Gullfaks Pipeline 1off 12" MORGRIP 389Barg Remote Coupling (Duplex)
2017 Greater Plutonia Hybrid Riser 2off 4" MORGRIP 334Barg Remote Flange Adaptors
2017 Snorre Vigdis 2off 16" MORGRIP 120Barg Remote Couplings
2017 Snorre Vigdis 1off 12" MORGRIP 251Barg Remote Coupling
2018 Asgard 1off 10" MORGRIP 440Barg Remote Coupling (Duplex)
2018 Snorre A 2off 8" MORGRIP 200Barg Remote Couplings

For more information on this and related products, visit us at:
www.connectorsubsea.com