

TOPSIDE AND ONSHORE CONNECTORS

PRODUCT GROUP

**MORGRIP CLAMPS
& CONNECTORS**



PRODUCT DESCRIPTION

MORGRIP Onshore & Topside Connectors enable pipework to be joined or terminated in a flange or end cap, without the need for welding or hot work.

The unique gripping and graphite sealing technology ensures a connection that is at least as strong as the pipe itself, outperforming quality welds in fatigue loading.

A DNV-GL Type Approved product, MORGRIP enables a certified permanent repair for a wide range of pipe material, pressured, diameter and temperatures.

With over 3000 supplied since the 1980's MORGRIP retains a 100% in-service leak free record. These products are quick and easy to install significantly reducing shutdown windows and associated operational costs.



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	Hand torque tools or bolt tensioners
Seal Material	Dual graphite
Back Seal Pressure Test	Yes
Lifting points	Eye bolts or swivel hoist rings
Configurations	Coupling (pipe to pipe) <i>see image 1</i> Flange Adaptor (pipe to flange) <i>see image 2</i> End Cap (pipe to end cap termination) <i>see image 3</i> Pipe Adaptor (pipe to bespoke termination) <i>see image 4</i>

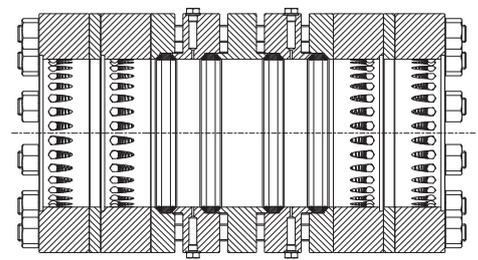


Image 1 - Coupling

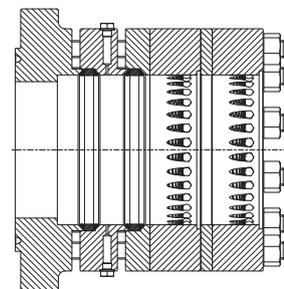


Image 2 - Flange Adaptor



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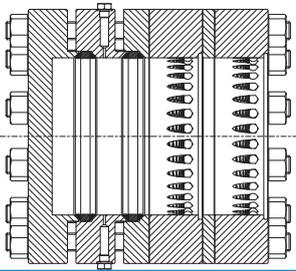


Image 3 - End Cap

ADDITIONAL INFO

Design code

DNVGL-ST-F101
BS 8010
PED compliance up to CAT III
ASME BPVC VIII Div.1
ASME B31.3
API 5L Line pipe specification
ASME BPVC VIII Div.2 on request

Coating

Zinc & Yellow

Maintenance

Not required post installation

Packing

Wooden shipping crates or steel shipping frames

Design Life

40 years

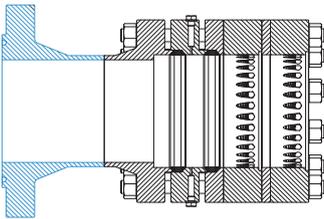


Image 4 Pipe Adaptor
(terminated in bespoke flange)



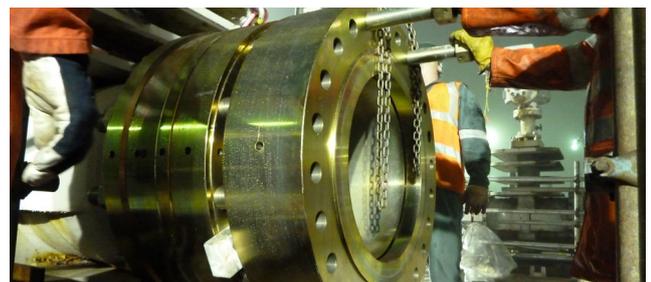
01 // Factory acceptance testing



02 // Vertical application



03 // Offshore installation



04 // Onshore installation

