

Product ID: 20502-0130-01 // Page: 1/2

REMOTE CONNECTORS

PRODUCT GROUP 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.

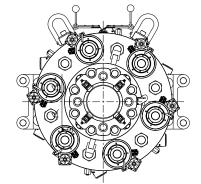
CAPACITIES

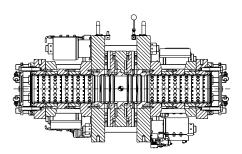
Pipeline size	1/2in to 42in	
Material	Carbon steels, stainless steels, duplex steels	
Temperature	-40degC to 250degC	
Working Pressure	Up to and including ANSI 2500 rating (638bar test pressure)	

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	





0

CONNECTOR SUBSEA SOLUTIONS

Head office:KolLocations in:Bra



REMOTE CONNECTORS

MORGRIP CLAMPS & CONNECTORS

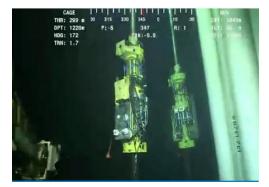


ADDITIONAL INFO

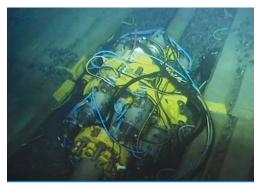
Design code	DNVGL-ST-F101/ F113 Pipeline Repair	
	ASME BPVC VIII Div.1	
	ASME B31.3	
	API 5L Linepipe specification	
	ASME BPVC VIII Div.2 on request	
Coating	Jotamastic 87, Interzone 954 or	
	NORSOK M-501 System 7C & 7B Compliant	
Maintenance	Not required post installation	
Packing	Steel assembly & shipping frames	
Design Life	40 years	



01 // Factory Acceptance Testing



02 // World first remote riser repair



03 // Installed Subsea



04 // Example of 12" Remote Flange Adaptor available for conferences and customer visits

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
2020	Greater Plutonia	1off 12" MORGRIP 200Barg Remote Flange Adaptor
2020	Barracuda	2off 12" MORGRIP 310Barg remote Couplings



CONNECTOR SUBSEA SOLUTIONS

id office: Ki ations in: Bi