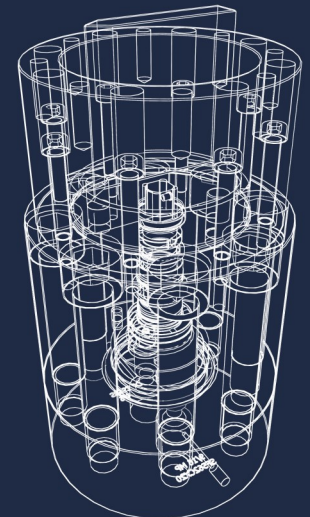


Valve Type	Medium Duty Rotary Gate Valve
Nominal Size	1/2"
Nominal Bore	12.7mm
Valve Trim	FF
Body/Bonnet Material	22% Chrome Duplex, material to BS EN 10201 3.1 certification, DNV RPF112 HISC analysis
Seat Material	22% Chrome Duplex, material to BS EN 10201 3.1 certification, DNV RPF112 HISC analysis
Gate Material	Solid Nickel Bonded Tungsten Carbide
Stem Material	UNS N07718 Nickel Alloy 718
Operation	Manual
Main Pressure Containing Fasteners	API 20E, API 20F or customer specific requirements
Primary Stem Seal	Metal to Metal
Secondary Stem Seal	PTFE/PEEK/ELGILOY
Seawater Ingress Seal	Polymite Shell / HNBR O-Ring
Paint	Two and three coat system available or to customer specific requirements

Design Data

Max Operating Pressure	15,000 psi (1035 bar)
Rated Water Depth	3,048m (10,000 ft)
Design Temperature (Min)	-29°C (-20°F)
Design Temperature (Max)	82°C (179°F)
Design Lifetime	25 Years
Design Codes/Qualification	API6A 21 st Edition/17D 2 nd Edition, ISO 10423, NACE, NORSOK
Design Standard	PSL3, PSL3G



Interfaces

Connections	3/8" Autoclave Medium Pressure SF375CX20, 9/16" Autoclave Medium Pressure SF562CX20, 3/4" Autoclave Medium Pressure SF750CX20. Butt Weld preparation available for 3/8", 1/2" and 3/4" tubing. All the above connections in either side or bottom orientation or a combination of both.
ROV Interface	ISO 13628-8 Type A
ROV Receptacle	Mounted
Turns to Open/Close	1/4 turn

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