

Valve Type	Through Conduit Split Gate Valve
Nominal Size	1/2" & 1"
Nominal Bore	12.7mm & 25.4mm
Valve Trim	FF or HH
Body/Bonnet Material	Available in either UNS S32760 25% Duplex, UNS N06625 Nickel Alloy 625 or UNS N09925 Nickel Alloy 925
Seat Material	UNS N06625 Nickel Alloy 625 with Tungsten Carbide hardfaced sealing face
Gate Material	UNS N06625 Nickel Alloy 625 with Tungsten Carbide hardfaced sealing face
Stem Material	UNS N06625 Nickel Alloy 625
Main Pressure Containing Fasteners	API 20E, API 20F or customer specific requirements
Primary Stem Seal	Metal to Metal in the backseat position
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
Check Valve	Integral metal to metal check valve available upon request
Compensator	Available upon request

Design Data

Max Operating Pressure	Up to 15,000 psi (1035 bar)
Rated Water Depth	3,048m (10,000 ft)
Design Temperature (Min)	-29°C (-20°F)
Design Temperature (Max)	Up to 150°C (302°F)
Design Lifetime	25 Years
Design Codes/Qualification	API6A 21 st Edition/17D 2 nd Edition, ISO 10423, NACE, NORSOK
Design Standard	PSL3, PSL3G

Actuator

Failure Mode	Fail Safe Close
Actuator Operating Pressure	Up to 6,000 psi (414 bar)
Actuator Supply Port	3/8" Autoclave MP SF375CX20
Actuator Flushing Port	3/8" Autoclave MP SF375CX20
Design Temperature (Min)	-4°C (25°F)
Design Temperature (Max)	66°C (150°F)
Fluids	Water based , oil based or to customer specific requirements

Interfaces

Connections	Flanged, Welded or Threaded to suit customer specific requirements
ROV Interface	ISO 13628-8 Class 1 - 4, or to customer specific requirements
ROV Receptacle	Mounted or Remote
Extension Rod	Available on request
Turns to Open/Close	1/2" is 8 +/- 1 turns, 1" is 11 +/- 1 turns
Manual Override	Available

It all flows from expertise.

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