

<b>Valve Type</b>	Through Conduit Split Gate Valve
<b>Nominal Size</b>	1/2" & 1"
<b>Nominal Bore</b>	12.7mm & 25.4mm
<b>Valve Trim</b>	FF or HH
<b>Body/Bonnet Material</b>	Available in either UNS S32760 25% Duplex, UNS N06625 Nickel Alloy 625 or UNS N09925 Nickel Alloy 925
<b>Seat Material</b>	UNS N06625 Nickel Alloy 625 with Tungsten Carbide hardfaced sealing face
<b>Gate Material</b>	UNS N06625 Nickel Alloy 625 with Tungsten Carbide hardfaced sealing face
<b>Stem Material</b>	UNS N06625 Nickel Alloy 625
<b>Main Pressure Containing Fasteners</b>	API 20E, API 20F or customer specific requirements
<b>Primary Stem Seal</b>	Metal to Metal in the backseat position
<b>Secondary Stem Seal</b>	PTFE/PEEK/ELGILOY
<b>Seawater Ingress Seal</b>	Polymite Shell / HNBR O-Ring
<b>Paint</b>	Two and three coat system available or to customer specific requirements
<b>Check Valve</b>	Integral metal to metal check valve available upon request
<b>Compensator</b>	Available upon request

### Design Data

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

### Actuator

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

### Interfaces

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

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