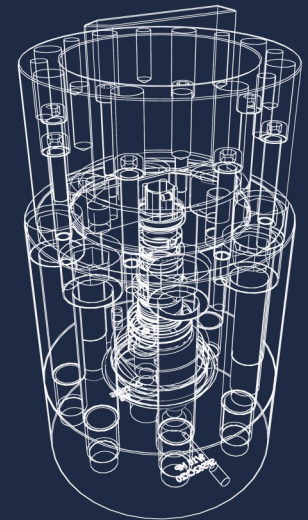


<b>Valve Type</b>	Medium Duty Rotary Gate Valve
<b>Nominal Size</b>	1/2"
<b>Nominal Bore</b>	12.7mm
<b>Valve Trim</b>	FF
<b>Body/Bonnet Material</b>	22% Chrome Duplex, material to BS EN 10201 3.1 certification, DNV RPF112 HISC analysis
<b>Seat Material</b>	22% Chrome Duplex, material to BS EN 10201 3.1 certification, DNV RPF112 HISC analysis
<b>Gate Material</b>	Solid Nickel Bonded Tungsten Carbide
<b>Stem Material</b>	UNS N07718 Nickel Alloy 718
<b>Operation</b>	Manual
<b>Main Pressure Containing Fasteners</b>	API 20E, API 20F or customer specific requirements
<b>Primary Stem Seal</b>	Metal to Metal
<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

### Design Data

<b>Max Operating Pressure</b>	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>	82°C (179°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



### Interfaces

<b>Connections</b>	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.
<b>ROV Interface</b>	ISO 13628-8 Type A
<b>ROV Receptacle</b>	Mounted
<b>Turns to Open/Close</b>	1/4 turn

It all flows from expertise.