

# Features

Our rotary gate valves can be supplied in a wide range of operating pressures, working pressures and operating temperatures. Standard features are outlined below, but if you need something different please contact us.

## Sizes

- ✓ 3/8 inch
- ✓ 1/2 inch
- ✓ 3/4 inch

## Service

- ✓ Control fluids
- ✓ Well fluids containing H<sub>2</sub>S / CO<sub>2</sub> gas
- ✓ Injection chemicals

## Operating interface

- ✓ Hydraulic operator with manual override
- ✓ Manual tee-bar operation
- ✓ ROV interface

## Connections

- ✓ Threaded
- ✓ Welded
- ✓ Flanged
- ✓ Manifold mounted

## Metal-to-metal sealing

- ✓ Gate/seat
- ✓ Seat/body (with elastomeric environmental seal)
- ✓ Stem/body (primary), with chevron seal set (secondary)

## Multiple valves

- ✓ Available in mono-block, e.g. double block and bleed or several valves as required for chemical injection manifolds



3/8 inch rotary valve



1/2 inch rotary valve



Rotary valve with hydraulic actuation

# Technical specifications

**Pressure ratings (standard valves)**

5,000 psi  
10,000 psi  
15,000 psi  
16,500 psi

**Operating depth**

3,000 metres  
Water depth insensitive, due to no-volume displacement design

**Performance specification**

Tested to API 6A appendix F PR2

**Temperature range**

3/4" range P-U (-20°F [-29°C] to +250°F [+121°C])  
3/8" and 1/2" range (-20°F [-29°C] to +302°F [+150°C])

**Design life**

25 years

**Hydraulic operating pressures**

3,000 psi  
5,000 psi

**Typical materials**

Available in API material classes FF to HH and NACE MR-0175/ISO 15156

**Acceptable torque (without damage)**

250 lb.ft.  
Higher capacities available if required

Size	Pressure psi
3/8"	5,000
	10,000
1/2"	5,000
	10,000
	11,200
	12,500
	15,000
	16,500
3/4"	10,000
	15,000

1/2 inch rotary valves

