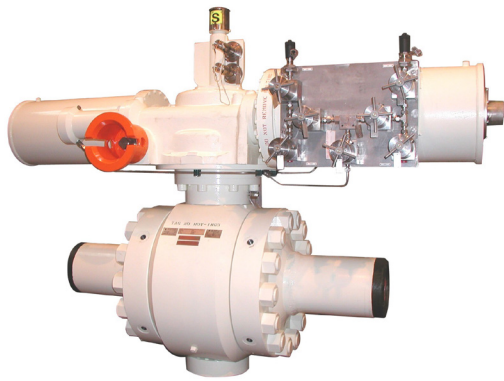




## Subsea Ball Valves & Actuators

### High Integrity Subsea Ball Valves

As conditions become ever more challenging within oil and gas production you need best practice solutions that are safe, reliable and fit for purpose. BEL Valves engineered ball valve solutions are designed to the most exacting standards and operate in the most hostile environments. Our designs are developed to provide solutions to customer's demands for current and future surface and subsea applications.



#### SPECIFICATION

Pressure Rating	To 15,000 psi
Water Depths	To 3000m
Bore Sizes	2" to 24"
Material Options	Carbon and low alloy steels, stainless steels, low temperature carbon steel, duplex, super duplex, Inconel
Actuation	Hydraulic (double acting and spring return), electric, manual, lever and ROV
Standards	API 6A, API 6D, API 6DSS, API 17D, API 6AV1 ISO 10423, ISO 13628, ISO 14313, ISO 14723

#### APPLICATIONS

- High flow
- Severe service
- Abrasive flow
- High temperature
- High pressure
- Corrosive environments
- Deep water
- Oil, gas or water
- Subsea isolation SSIV
- Manifold export and flow lines
- Pipeline End Termination (PLET)
- Pipeline End Manifold (PLEM)
- Pig launcher/receiver

#### OPERATIONAL BENEFITS

- Gas tight, Tungsten Carbide coated, metal to metal sealing
- Corrosion resistant
- High pressure/High temperature
- Deep water
- Bi-directional sealing
- Compact

#### CONFIGURATIONS

- Top or side entry
- Partial or fully clad
- Full or reduced bore
- Floating or Trunnion mounted ball
- Flanged, buttweld, compact, flange or other proprietary connections

#### OPTIONAL FEATURES

- Material options
- Single or double piston effect seat sealing
- Dual block & bleed



**ENGINEERING EXCELLENCE**

**MANUFACTURING EXPERTISE**

**PROJECT DELIVERY**

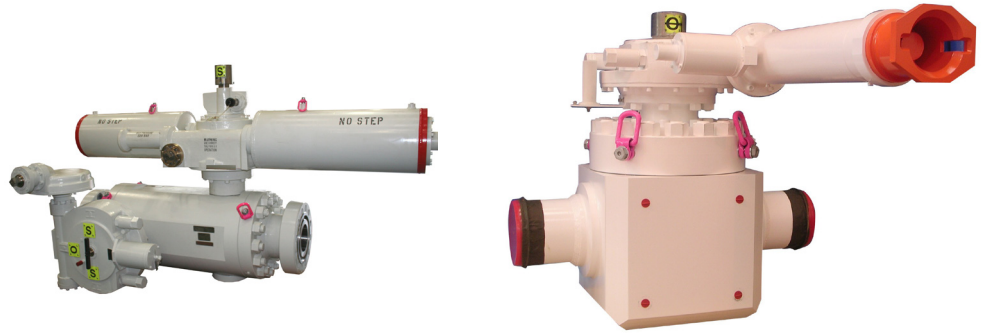
**FLEXIBILITY OF APPROACH**

**CONFIDENCE**

**BEL Valves are leaders in the design and manufacture of critical subsea and surface valves, actuators and controls for the oil and gas industry worldwide.**

Specific design and engineering focus is placed on high pressure and high integrity applications to ensure the delivery of optimum solutions for the most hostile environments.

Our enabling technologies ensure the most complex systems can be developed in a reliable and safe manner.



Experience includes:

- Jabulani
- Valhall
- Deep Panuke
- Plangas
- Kizomba
- Block 15, 17, 18
- Boyla
- Maria
- West Delta Deep
- Affleck
- West Don
- Devenick
- Bardolino
- Golden Eagle

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