

Flowserve Valbart Subsea Valves

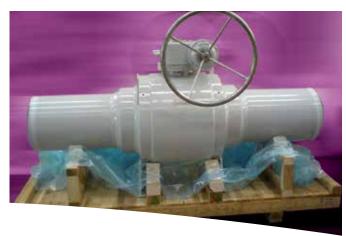
For Shallow and Deep Water Applications











Subsea Valves

Flowserve Valbart Subsea Valves are designed for life, high reliability and are maintenance free.

Product range

Subsea Valves for shallow and deep water applications

- Side Entry (Bolted or Welded Body) or Top Entry construction
- Sizes: 2" to 56"
- ANSI classes: up to 2500#
- API classes: up to 15000 psi
- · Flanged / BW / HUB ended
- Soft & Metal Seated
- Diver/ROV/Hydraulic operated

Applications

- SSIV Subsea Safety Isolation Valves for FPSO or platforms
- Dormant valves for future connection
- · Subsea hot tapping
- Isolation valves for PLEM (Pipeline End Manifold) or PLET (End Terminal).
- · Isolation valves for subsea modules
- Large Diameter manifold (PLEM)
- Inline Tee Assembly (ITA)
- Isolation valves for single buoy mooring loading or unloading systems

Features

- Total reliability against Internal and External leaks
- Minimized Leak Paths
- Compatible with all qualified operators
- Validated design with proper testing and certification

Total reliability against internal and external leaks

- Metal to Metal seats for non clean services:
 - HVOF Tungsten Carbide Coating
 - Ball and seats Mate Lapped
- Elastomeric (HNBR or FKM) and Thermoplastic Seals (Lip-seals or Chevron) to prevent internal leakage
- Seals housing in Corrosion Resistant Alloy (CRA) cladded or solid material to prevent external leakage for corrosive services





Minimized leak paths

- Top-Entry or Side Entry Welded Body or Two Piece Bolted Body designs to ensure minimized leak paths
- Vent and Drain (if present) permanently sealed after F.A.T.
- Duplex (22Cr-5Ni), Super-Duplex (25Cr-7Ni),
 Ni-Alloys (625 / 718) extensively used to prevent
 Sulphide / Chloride Stress Corrosion Cracking

Compatibility with qualified operators

Valbart valves are practically compatible with all qualified operators available in the market.

- Hydraulic Double Acting Actuator
- Hydraulic Spring Return Actuator
- Gearboxes Diver or ROV operated

Proper testing

- Valbart Subsea Valves are duly tested and validated in the hyperbaric chamber to ensure complete compliance in safety and functionality
- Valbart holds API 6DSS certification and is authorized to use the official API monogram under API Spec Q1 for all of its subsea valves.





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