

Side-entry floating ball valve BF2 series

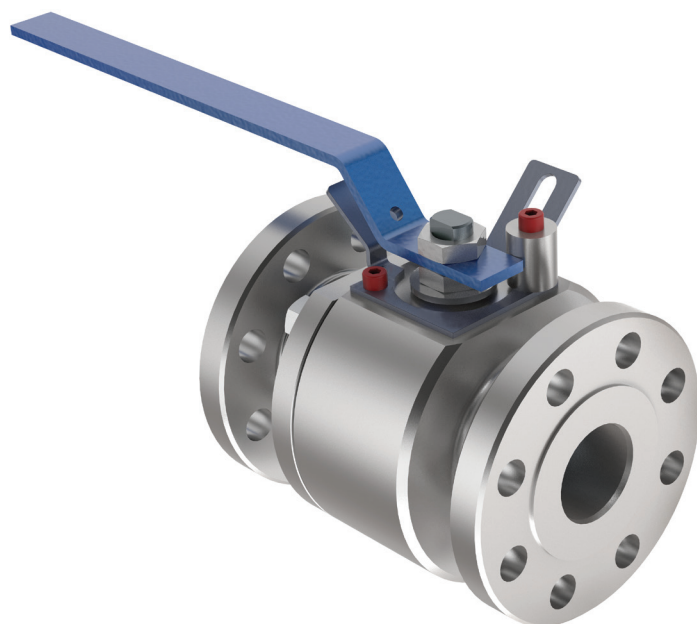
NPS ½–6 (DN 15–150), ASME Pressure class 150–2500

Velan ABV's floating ball valve designed for on/off general service, offers a high-quality product at a very competitive price ensuring the greatest level of tightness and reliability.

Side-entry floating ball valves are manufactured in accordance with API 6D and BS EN ISO 17292 standards. The valve is configured in a forged bolted two-piece split-body design with a small diameter, suitable for medium/low pressure working conditions. Characterized by a simple design, the valve seats are directly inserted into the body. The upstream

flow pressure pushes the free-floating ball against the downstream seat—the resulting compression provides a perfect leak-free sealing solution even after years in-service. The stem is connected at the top of the ball and allowing the valve to open and close with a quarter-turn movement.

Material selection is fully customizable to meet the customer's project specifications and several unique features are available offering an enhanced technical solution suitable for aggressive offshore environments and corrosive and abrasive fluids.



Design features

- Soft or metal-seated with hardfacing on ball and seats.
- Secondary seals in pure graphite.
- Bi-directional tight shut-off.
- Anti-static device.
- Anti-blowout stem.
- Low fugitive emission stem packing available.
- O-ring /Lip seal, and graphite configuration.
- Low pressure drop.
- Compact and lightweight.

Operator

- Manual: wrench or gear with padlocking.

Testing & certification

- Compliance with inspection and testing: API 6D, ISO 5208, and API 598.
- Fire safe and fire tested as per API 6FA/607.
- Sil 3 certification as per IEC61508.
- Fugitive emission as per ISO 15848.
- PED 2014/68/UE.

Specifications

Valve design	As per API 6D and BS EN ISO 17292
Body design	Forged bolted two-piece
Temperature range	-150 to 662°F (-101 to 350°C)
Face-to-face	As per API 6D standard
End connections	RF, RTJ as per B16.5& B16.47 SW, Socket Weld as per B16.11