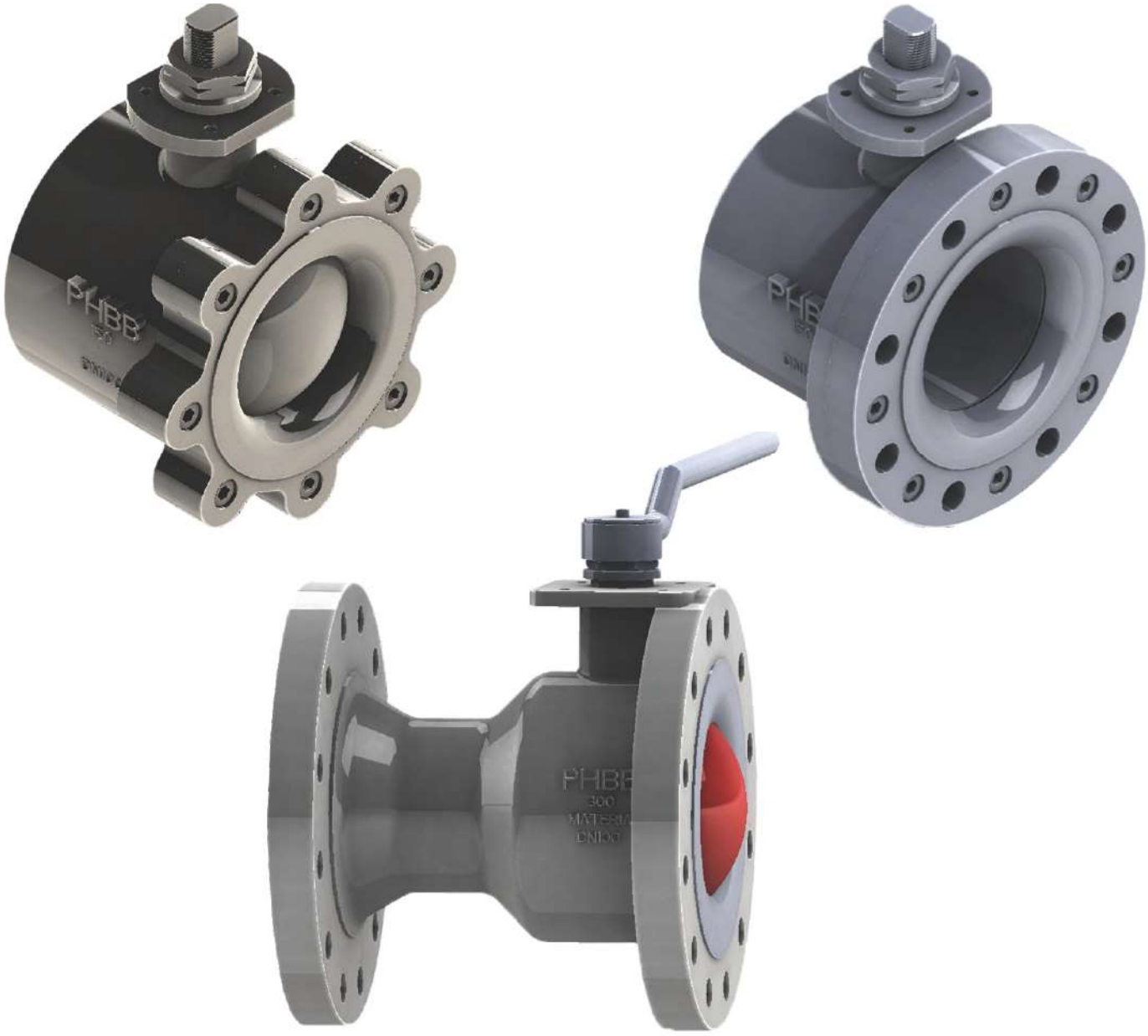
Tank Bottom Ball Valves



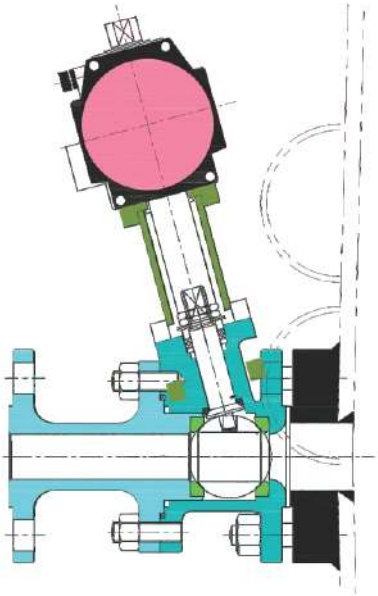
Flush Tank Bottom Ball Valves are used for discharging of processed materials from the bottom portion or at the outlet of vessels, tanks, reactors, containers etc. The valve is compact Ball valve designed to open directly in the tank for 100% flushing and direct fitment to the inner surface of Tank/Reactor. Hence avoiding un-mixed cold zone stagnate pocket which is carefully profiled to fit tank bottom.

In Flush Bottom Valves, normally the valve size is designated by two values. First value stands for the inlet flange connection size, which is fixed to the tank or vessel bottom pad. Second value stands for the size of the port and the outlet flange size which is connected to the pipe. In most the cases the inlet is always larger in size than the outlet. However, PHBB can supply the products to suit customer requirements.

Tank Bottom Ball Valves

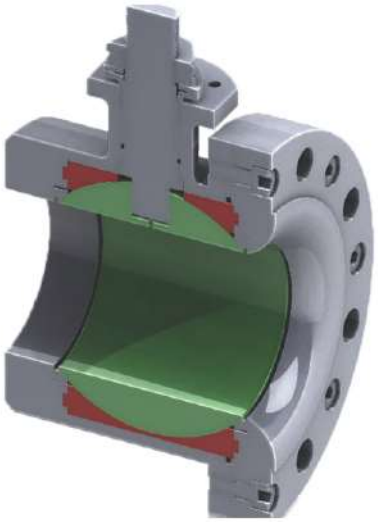
Features

- **Blow Out Proof Stem**: All valves are provided with blow-out proof stem which firmly rests against the body collar & prevents blow-out against pressure
- **Tamper Proof Anti-Static Device** : Antistatic device is a standard feature in all valves which is firmly in place even in disassembled position and provides a continuity from ball to the body.
- **Fire Safe Design** : Primary soft seats and secondary metal seat, along with body and stem seals in graphite makes the valves fire safe.
- **Double Seal Body Gasket** : An important feature of PHBB Valves is that, it incorporates a double seal body Joint. The joint can be provided with various seal combinations to meet stringent process and fugitive emission norms.
- **Optional Angle Stem**: Angle Stem in Tank Bottom Valves facilitate actuator mounting on jacketed or insulated vessels
- **Optional Open & Close Position Locking** : When required Valves can be provided with locking mechanisms for a padlock to be used on Lever and Gear operated Valves.
- **Cavity Filler** : PHBB cavity filled Ball Valves are used in application where there is possibility of fluid getting trapped inside the cavity that gets formed in a ball valve between body and ball. PHBB offers a unique cavity filler that gets locked securely on to the body and does not get loosened during valve operation.



Salient Features

- Minimum dead leg between ball sphere and tank internal surface.
- Top mounting flange compliant with ISO 5211 for easy mounting of actuator and other accessories.
- Wide Range of Seat and Seal Materials.
- Optional purge ports ensure complete flush of the valve cavity.
- Optional Steam jacket.
- Streamlined flow ensures full drainage



Range

- Size : DN25 - DN200
- Rating : Class 150 - 600
- End Connections : Flanged, Wafer type
- Operation : Lever or gear operated, pneumatic or electric actuated

Reference Standards

- Design Standards : ISO 17292, ASME B16.34, EN 12516-1 & 2, ASME B16.10
- Ends : ASME B16.5, EN 1092-1
- Fire Safe Standards : API 607, ISO 10497, API 6FA
- Testing Standards : API 598, EN 12266-1
- Material Standards : ASTM, NACE MR 0175/ISO 15156-1, 2 & 3, NORSOK M650

For enquiries, Please contact PHBB Representative:-

Chemiteck Engineering Enterprises,
RTB – 151, Royal Tower,
Shipra Suncity, Indirapuram, Ghaziabad,
UP- 201014
Contact No. 9289381979
Email: chemiteck1675@gmail.com

PHBB Valves Private Limited
Plot 238-239, Sector 10, PCNTDA,
Bhosari Pune - 411026. INDIA.
T: +91 90280 96017
Email - contact@phbbvalves.com
Website: www.phbbvalves.com

TAURUS Tank Bottom BV 03/19