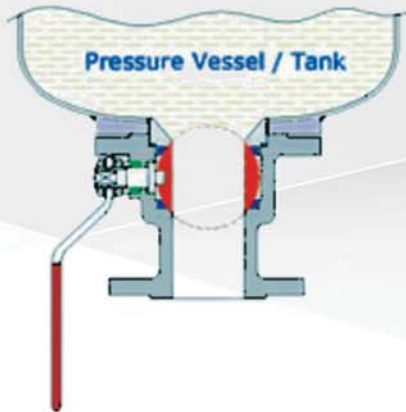


# FLUSH BOTTOM VALVE

## Flush Bottom Ball Valve

Ball type Flush Bottom Valve is used to Drain/ Discharge Liquids from bottom of vessel, reactor and tanks. Specially suitable when space below vessel / tank is insufficient.



### PRODUCT RANGE

<b>Size Range</b>	25 mm - 300 mm
<b>Pressure Rating</b>	ASA150# / 300#
<b>MOC</b>	Cast Steel - ASTM A216 Gr. WCB SS304 - ASTM A351 Gr. CF8 SS316 - ASTM A351 Gr. CF8M
<b>End Connection</b>	Flange End ASA 150# / 300#

### APPLICABLE STANDARDS

<b>Design Std.</b>	BS 5351
<b>Face to Face</b>	Mfg Std.
<b>Flange Drilling</b>	ASME B16.5, RF
<b>Testing Standard</b>	API 598 / BS 6755-1

### DESIGN FEATURES

- Single Piece Design Body
- Investment Casting Body
- Blow Out Proof Stem
- Ball Projection
- ISO Mounting Pad
- Operation at 45 Deg

### AVAILABLE MODIFICATIONS

- PTFE / CFT Seat
- Full Jacketed Valve on Request
- SS304L / SS316L MOC
- F-F as per Client Requirement
- Manual / Gear Operation
- Electrical / Pneumatic Actuator



## "Y" Type Flush Bottom Valve

In process industries, many processes contain highly Abrasive slurries, highly viscous liquids, liquids solidifying at ambient temperature which are difficult to handle with conventional valves. For such liquids, we manufacture Y-type flush bottom valves. The Valve flushes with vessel bottom from inside of the vessel – the seat barrel is extended to the bottom inner level. This will eliminate cylindrical cavity between valve seat & vessel bottom, thus identical conditions – temperature – prevail on valve seat & vessel bottom.

### PRODUCT RANGE

<b>Size</b>	40 mm - 200 mm
<b>Material</b>	WCB / SS304 / SS316 / SS304L / SS316L
<b>End Connection</b>	Flange End ASA 150# / 300#

The valves are manufactured in two designs :

- **Inside Vessel Opening Design** : In this design valve disc goes inside vessel when it opens. Also called outside valve opening design.
- **Inside Valve Opening Design** : In this design valve disc goes inside valve when it opens, the design have two construction - Plug - Disc Type & Ram Type. Also called Outside Vessel opening design.

### FEATURES & BENEFITS

- Inside valve/vessel opening
- Plug type, disc type and ram – piston type construction
- Opening up to 90% of NB size
- Jacketed valve on request
- Stellite & resilient seat.
- Full Automation on request



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