

**FLOW-TEK VALVES
& CONTROLS INC.**



AN ISO 9001 : 2008 CERTIFIED COMPANY

MANUFACTURER & EXPORTER OF

Flow-age

MAKE SPECIALISED INDUSTRIAL VALVES

FLUSH BOTTOM VALVE



Flow-age

“ All Types of Valve for whole Project”

www.flowagevalves.com

FLUSH BOTTOM VALVE

GENERAL INTRODUCTION:

"Flow age" Flush Bottom Tank Valves, widely used for discharging materials from processing tanks, are designed so as to completely seal off the outlet nozzle at the inner vessel wall. This prevents solids from accumulating and solidifying in the outlet nozzle neck and stopping discharge of the vessel contents. It also prevents the collection of un-reacted material in the nozzle.

Flush Bottom Tank Valves have a modified 'Y' type body and Angel type design - with the stem being located in the vertical branch of the valve. Seat and disc design is similar to that of a globe valve with metal to metal seating. The disc can lift up from the seat and open into the vessel, or the disc can pull down from the seat and open into the valve.

All the valves are manufacturing as per international Design and standards to get the Total Interchangeable, Finest Quality and Workmanship.

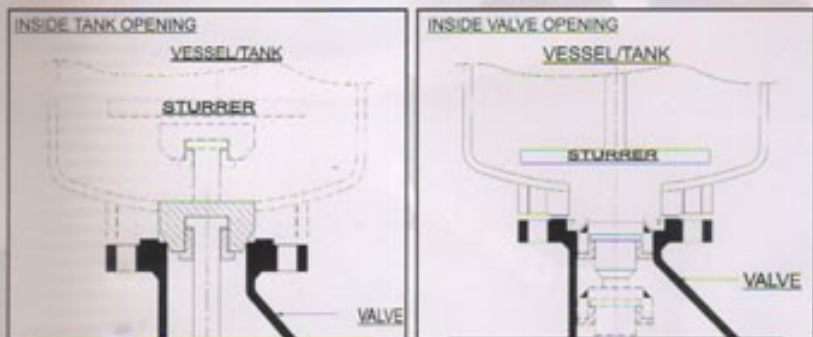
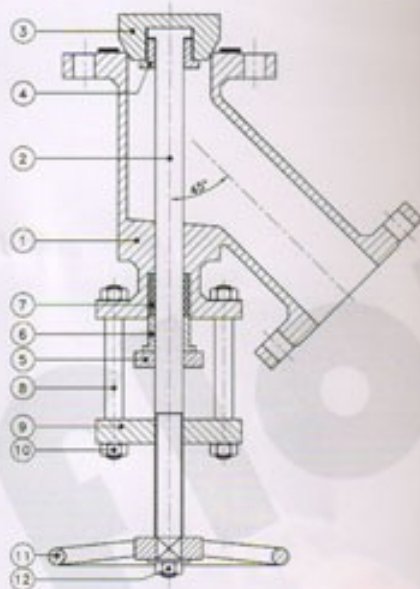
SPECIAL FEATURES:

"Flow age" offer Flush bottom valve in Jacketed Design, Teflon Lined and inside tank Or inside valve opening depend upon the design of vessel. With Pneumatic Actuator, Electrical Actuator and Pneumatic Cylinder operated along with extra accessories like Manual Gear, Solenoid and Limit Switches etc.

Size Range : 3/4" (50 mm) to 24"

Class : up to Class 300 / ND 40

End connection : Flanged End, Screwed End and socket weld End Connection.



NOMENCLATURE

| NO. | PART NAME | DESCRIPTION OF MATERIAL |
|-----|---------------|----------------------------------|
| 1 | BODY | AISI 304 / 316 / M.S. FABRICATED |
| 2 | SPINDLE | AISI 304 / 316 / 410 |
| 3 | DISC | AISI 304 / 316 / 410 |
| 4 | DISC NUT | AISI 304 / 316 / 410 |
| 5 | GLAND FLANGE | AISI 304 / 316 / C.S. |
| 6 | GLAND BUSH | AISI 304 / 316 / 410 |
| 7 | GLAND PACKING | P.T.F.E. / GRAFOIL |
| 8 | BONNET PILLAR | AISI 304 / 316 / C.S. |
| 9 | BONNET FLANGE | AISI 304 / 316 / C.S. |
| 10 | PILLAR NUT | S.S. 304 / 316 / C.S. |
| 11 | WHEEL | C.I. TO IS 210 GR. FG 200 |
| 12 | WHEEL NUT | S.S. 304 / 316 / C.S. |

DESIGN DESCRIPTION:

- Valve will be designed as per Vessel Bottom arrangement
- It is inside valve opening (to avoid fail to sturrer or any instrument in vessel).
- Inside Tank opening (Where space is available in the tank to proper opening for the valve).

TESTING STANDARD:

| TEST TYPE | HYDRO TEST :- Working pressure x 1.5 Kg/cm ² |
|-----------|---|
| | SEAT TEST :- Working pressure x 1.1 Kg/cm ² |

* Please contact us for any type of customized automation in Flush bottom valves for typical applications.

OTHER MFG. RANGE: Pressure Reducing Valve, Safety Relief Valve, Globe Valve, Gate Valve, Butterfly Valve, Plug Valve, Non Return Valve, Automatic Control Valve, Pneumatic Control Valve, Motorised Control Valve, Knife Edge Gate Valve, Diaphragm Valve, Strainer, Filter, Pressure Reducing Station, Gas Skid & All type of manual / actuator / cylinder operated valves with any type of automation.

* Please note this a condensed catalogue for a complete version please contact Flow-Tek directly.



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