

- Size Range: 2" to 32" – class 150 - class 300– class600
- End Connection: Flange End – ASME B16.5 / Butt Weld – ASME B16.25 / RTJ & Etc.
- Face to Face: ASME B16.10
- Testing Standard: BS EN 12266-1 & Design Standard: BS1873
- The standard flange facing is RF with smooth finish on the gasket surface. Other end connections & details available on request.
- Material: Shell: WCB,WC1,WC6.WC9.LCB,LCC,C5,C12,CF3,CF8,CF3M,CF8,CF8M,CD4MCu, Hastelloy, Inconel Duplex Stainless Steel
Trim: 13%Cr Steel, SS304, 304L, 316,31 6L,321,347,F51,Monel

1. Body: Body is cast with integral flanges meeting operating conditions with rigid construction and reinforcement to reduce stress. Flanged end and Bun weld end are available with ASME specifications.
2. Cover: Cover permits easy access to hinge and disc arrangement without removing the valve from the line.
3. Seat Ring: Renewable seat is hard faced and machined to minimize wear. The seat ring is seal welded to the body. Integral Seat is provided for Austenitic Stainless steel valves.
4. Disc: Disc is Ground and lapped to mirror finish. It is designed to close on its self weight. It is free to rotate In the hinge compensates for the seat wear Differential hardness difference of 50 BHN is maintained between disc and seat.
5. Hinge: Hinge is mounted in the body.
6. Hinge Pin
7. Disc Nut: Disc nut secures disc to the hinge. It permits the disc to rotate about its axis and aid in tight sealing
8. Pin plug
9. Gasket
10. Body stud& nut
11. Disc washer

Swing Check valves are adequate for all service media. Valves can also be supplied with counter weights and dash pot arrangement depending upon the condition and request.

