

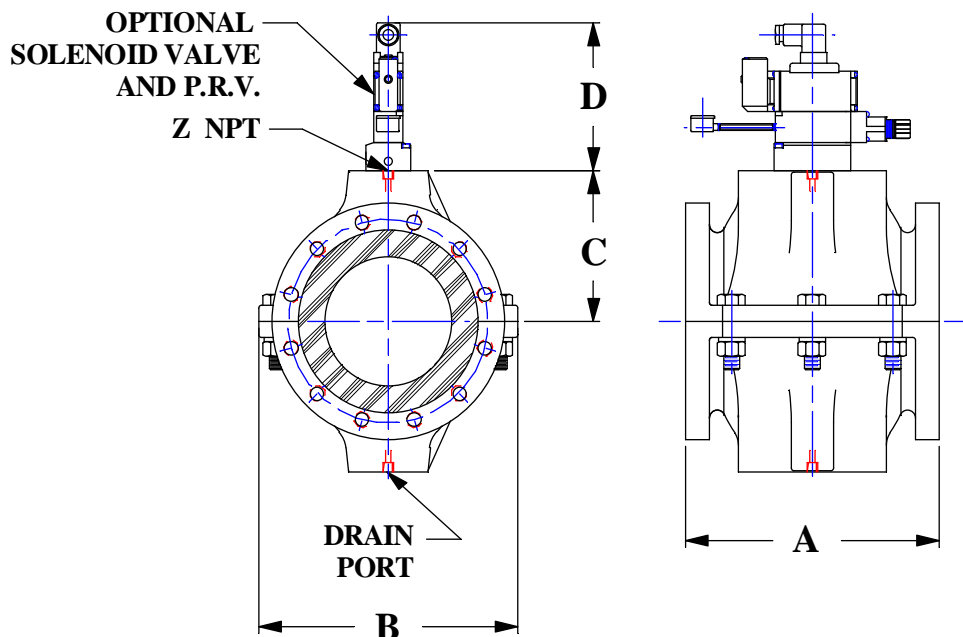
# Series GSF

## Full Round, Enclosed Construction, Direct Air Operated

- Clog resistant full round opening
- Low pressure drop
- No packing
- Drop tight closure
- Simple operation, rubber sleeve is the only moving part.

**Applications:** Ideal for controlling abrasive, viscous and corrosive fluids including wastewater, mine slurries, chemicals, cement, pulp stock, powder and pellets.

**Operation:** The GSF consists of a rubber sleeve inside a full round cast iron bonnet assembly. Injecting compressed air into the bonnet assembly causes the rubber sleeve to collapse, blocking flow through the valve. When the pressure is released, the resiliency of the rubber sleeve reopens the valve.



### Specifications:

- Flanges: ANSI STD B-16, 125 lbs
- Housing: Cast Iron ASTM A48, Class 35

### Options:

- Epoxy paint
- Sleeve elastomer
- Bolt-on pact solenoid valve is a 4-way, 5-port solenoid with weatherproof coil and manual override.
- PRV (with solenoid valve)
- I/P transducer for modulating service

All Dimensions Are in Inches.

| SIZE        | 1       | 1.25 | 1.5  | 2      | 2.5  | 3    | 4       | 5     | 6     | 8       | 10    | 12     | 14   |
|-------------|---------|------|------|--------|------|------|---------|-------|-------|---------|-------|--------|------|
| A           | 4       | 4.31 | 4.75 | 5.25   | 5.75 | 6    | 8       | 10    | 12    | 16      | 20    | 24     | 28   |
| B           | 4.62    | 4.87 | 5.37 | 6.37   | 7    | 7.5  | 9.25    | 10.62 | 12.25 | 14.5    | 16.87 | 20     | 22.5 |
| C           | 2.12    | 2.37 | 2.5  | 3.06   | 3.56 | 3.81 | 4.62    | 5.62  | 7     | 8.37    | 10.25 | 11.75  | 13   |
| D sol       | 3.75    |      |      | 5.28   |      |      |         |       |       | 6       |       |        |      |
| D sol + PRV | 4.62    |      |      | 6.82   |      |      |         |       |       | 8       |       |        |      |
| Z           | 1/4 NPT |      |      |        |      |      | 1/2 NPT |       |       | 3/4 NPT |       |        |      |
| WT          | 12      | 13   | 15   | 23     | 32   | 36   | 64      | 85    | 120   | 205     | 300   | 540    | 620  |
| AIR *       | 0.02    | 0.03 | 0.05 | 0.08   | 0.13 | 0.14 | 0.37    | 0.66  | 1.1   | 2.5     | 4.6   | 10     | 17   |
| P           | 90 psi  |      |      | 75 psi |      |      | 65 psi  |       |       | 55 psi  |       | 50 psi |      |

\* Unit of Measure = ft<sup>3</sup>/cycle

\* Air consumption per cycle at STP using 90 psi air.