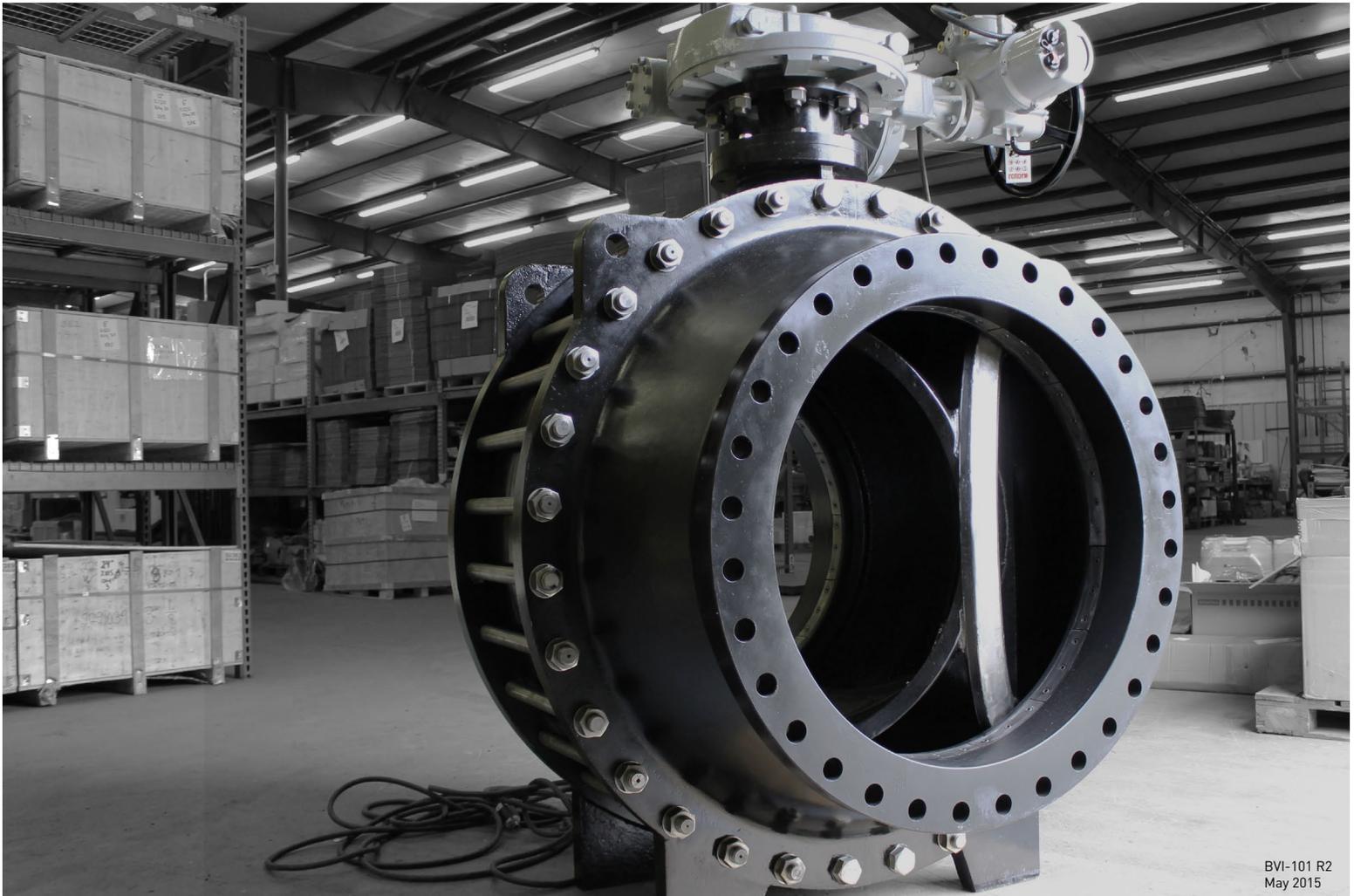




**SERIES BVI
AWWA C507
RESILIENT SEATED BALL VALVE
3" - 36"**



Series BVI

Resilient Seated Ball Valves
to AWWA C507



Product Features

- Ball valves control pressure differentials and flow rates to precise limits without overshoot, vibration, or excessive noise.
- Seat is not in line flow, which allows line velocities in excess of 100 ft/sec
- Self-cleaning operation provides for long trouble-free service life
- Bi-directional resilient seating produces a valve with zero leakage at full rated differential from either direction
- Full nominal pipe size port results in very little head loss, equivalent to an equal length of plain pipe.
- 3-piece body allows downstream seat to be serviced without shutting down or removing the valve from service.
- When fully shut, the valve packing and bearings can be serviced or replaced with the valve under full line pressure.
- Available with manual, electric, pneumatic, hydraulic, and specialty operators.
- Custom configurations and lay-lengths for retro-fit available by request.

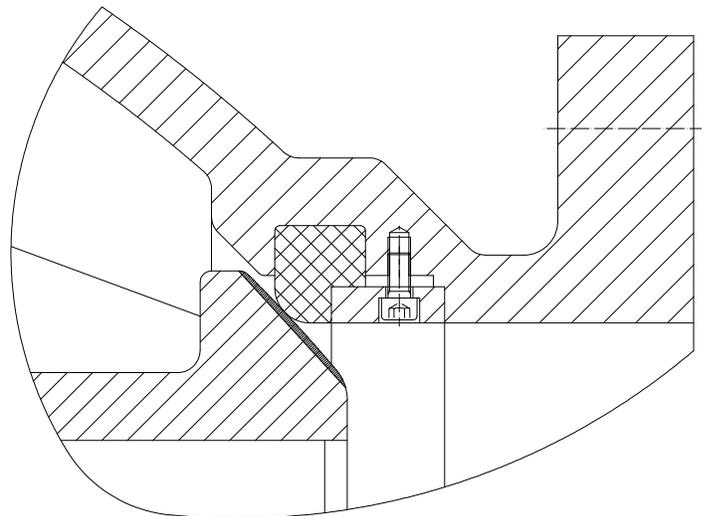


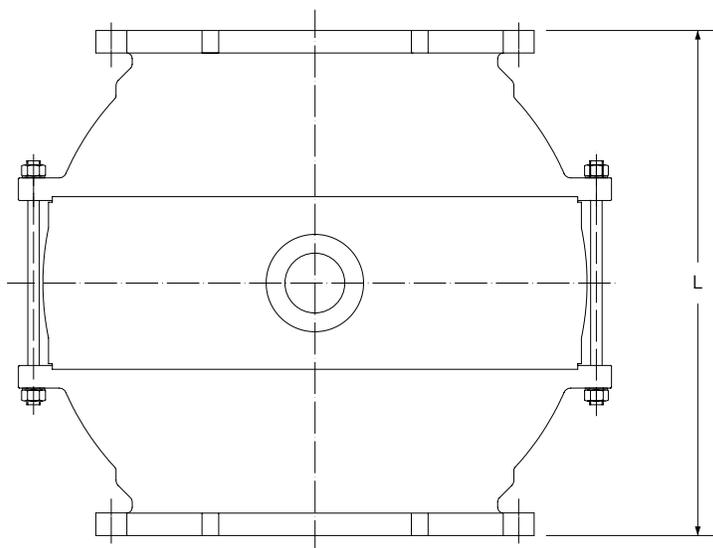
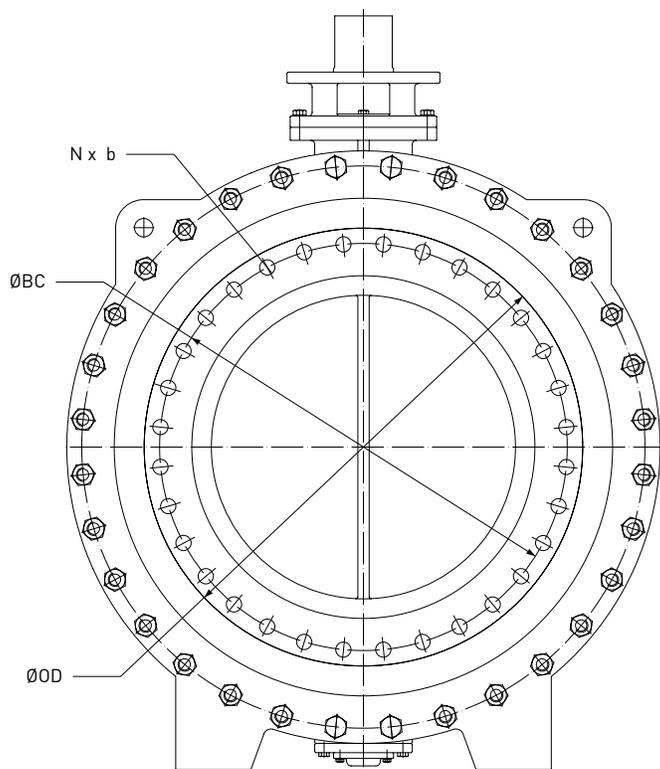
Typical Applications

- Pump start/stop and check service
- Pump flow control
- Discharge
- Pressure Regulation
- Flow control in pigged lines
- High velocity service

Options Available

- 3"-72" Flanged
- 3"-48" Mechanical Joint
- Pressures up to 300 psig
- AWWA C507
- Bi-directional Resilient or Metal Seated





PAGE 3

| NPS | L | OD | BC | N | b |
|-----|-------|------|-------|----|------|
| 3 | 9.00 | 7.5 | 5.98 | 4 | 0.75 |
| 4 | 9.00 | 9.1 | 7.52 | 8 | 0.75 |
| 6 | 14.00 | 11.0 | 9.49 | 8 | 0.88 |
| 8 | 15.00 | 13.6 | 11.77 | 8 | 0.88 |
| 10 | 18.50 | 15.9 | 14.25 | 12 | 1.00 |
| 12 | 19.50 | 19.1 | 17.01 | 12 | 1.00 |
| 14 | 22.13 | 21.1 | 18.74 | 12 | 1.12 |
| 16 | 25.00 | 23.4 | 21.26 | 16 | 1.12 |
| 18 | 28.50 | 25.0 | 22.76 | 16 | 1.25 |
| 20 | 30.00 | 27.6 | 25.00 | 20 | 1.25 |
| 24 | 35.60 | 32.1 | 29.49 | 20 | 1.38 |
| 30 | 44.25 | 38.8 | 35.98 | 28 | 1.38 |
| 36 | 53.00 | 46.1 | 42.76 | 32 | 1.62 |

By nature AWWA C507 Ball Valves are custom produced for each project. Please inquire for materials and operation limitations.

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www.VSIWaterworks.com

As part of a process of on-going product development, VSI reserves the right to amend or change specifications without prior notice. Published data may be subject to change. For the latest version, visit our website at www.vsiwaterworks.com