

## Pressure Seal Bonnet Valve

Pressure Seal Valves are intended for high pressure and high temperature applications in all types of fluid, except where severe choking may occur.

The Pressure Seal Valves use the process pressure to exercise additional force in the body / bonnet sealing ring, ensuring far superior sealing of this area.

The Sealing rings are metallic, thus avoiding the possibility of wear or deterioration. The thrust ring above the sealing rings ensures homogeneous distribution of forces in the entire circumference.

### Standard Design Features

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| <ul style="list-style-type: none"> <li>· High Pressure &amp; High Temperature Service</li> <li>· Pressure Seal Bonnet</li> <li>· OS &amp; Y (Outside Screw &amp; Yoke)</li> </ul> | <ul style="list-style-type: none"> <li>· Butt-Welding End or Flanged End</li> <li>· Full Bore</li> <li>· Spring Loaded Type</li> </ul> |
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### Production Range

- Available Size : NPS 2" ~ 24"
- Pressure Rating : ASME Class 600 to Class 2,500
- Service Temperature : Up to +500°C
- Optional Operation : Manual, Electric, Pneumatic, Hydraulic
- Materials

Carbon Steel	Duplex Stainless Steel	Special Alloy Steel
ASTM A216 – WCB or Equivalent	ASTM A995 – 1A 2A 4A 5A or Equivalent	Inconel 625 825 or Equivalent Hastelloy C Monel or Equivalent
Alloy Steel	Stainless Steel	
ASTM A217 – WC6 WC9 C5 C12 C12A or Equivalent	ASTM A351 – CF8 CF8M CF3 CF3M CN7M or Equivalent	

### Design Standards

- Basic Standards : ASME B16.34, MSS – SP – 144
- Face to Face : ASME B16.10
- Butt-Welding Ends : ASME B16.25