



GENERAL FEATURES

High Performance Butterfly Valves (HPBV)

- Wafer type, lug type, flanged
- Body & disc: carbon steel, stainless steel
other materials on request
- Mounting flange: ISO 5211
- Seat: PTFE, RTFE, fire safe metal seated (Inconel)
- Temperature range:
 - 17 & 27 series: -29°C ~ +210°C
 - 18 & 28 series: -29°C ~ +210°C
 - 19 & 29 series: -29°C ~ +500°C
- Pressure rating: DIN PN 16, 25, 40
ANSI class 150, 300
- Size: 2" - 48" (DN 50 - DN 1200)
- Operation: bare stem
lever
gearbox
pneumatic actuator
electric actuator
- Fugitive emissions test acc. to TA-Luft, ISO 15848-1, ANSI/ISA-SP93
- The full series obtained the SIL3 certificate according to IEC 61508-1
- Patented seat retainer ring attaches without bolts allowing complete uninterrupted seal face



CERTIFICATES

- CE
- ISO 9001
- GOST-R
- EN 10204 3.1
- ATEX



FEATURES AND BENEFITS

- Bi-directional zero leakage
- Zero seat/seal friction
- Low torques
- Excellent flow and throttling characteristics covering services from cryogenic to high temperature
- Excellent control of fugitive emissions
- Fire safe to BS6755 part 2 / API 6FA and API Std 607 4th Edition
- Standard materials conform to NACE, all exotic materials also available on request
- Laminated seat is mounted in the body, removing it from the erosive effects of the flowing media
- Both seat and seal are field-replaceable without special tools
- Gasket sealing face is completely uninterrupted by fixings
- Cavitation and noise reducers are available to complement the valve under high pressure drop process situations
- Also available as Double Block&Bleed (DBB) or with heating jacket



SPECIFICATIONS

- Wafer type, lug type, double flanged, butt weld
- Design: API 609, BS 5155, ANSI B16.34, ASME SEC VII
- Body: carbon steel, stainless steel, Duplex, Hastelloy, Monel other materials on request
- Face-to-face dimensions: API609, ISO 5752
- Mounting flange: ISO5211
- Temperature range: -196°C ... +700°C
For other temperature ranges, please contact our office
- Pressure rating: ANSI class 150 to 2500, PN 6 to PN 400
- Size: 3" - 60" (DN 80 - DN 1500)
- Operation: manual (gearbox)
electric actuator
pneumatic actuator
hydraulic actuator

