

HIGH PERFORMANCE BUTTERFLY VALVE

Product Details

Product Detail	Description
Size	2" - 24"
Type	Lug, Wafer
Pressure Rating	Class 150, Class 300
Body Material	Stainless Steel, Cast Steel
Seat Material	Soft Seat (PTFE/RTFE) NBR, EPDM, BITON, Metal Seat (A240 Tp 304/316), Fire-Safe Seat
Operation	Lever, Gear, Actuators
Drilling	ANSI 150, JIS 10/16K, DIN PN 10/16, ANSI 300, JIS 20K, 30K, DIN PN 25/40



Valve Rating

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Top Flange Mounting Pad	ISO 5211
Basic Design	API 609, MSS-SP-68, BS 5155, ISO 5752
Pressure/Temperature Rating	ANSI B16.34
Shell/Seat Test	API 598, MSS-SP-61
Working Pressure	Class 150 (285 psig), Class 300 (740 psig) Metal to Metal seat leakage is rated at Class IV per ASME/FCI 70-2
Fire-Safe	API 607 (7th Edition - 2016)
NACE	MRO 175
Low-Emission	50 ppm per ISO 15848 2-12"

Features & Benefits

- Tight shut-off design.
- One-piece body materials are either cast steel or stainless steel for excellent corrosion resistance.
- High strength one-piece stem in A564 Gr. 630/PH 17-4 materials.
- ISO 5211 mounting pad with square shaft 2"-12". Key Type connection 14"-24" permits direct mount actuation for both manual (lever & gear), pneumatic, and electric actuators.
- Double off-set configuration with conical angled disc design. Maximize flow and minimize resistance providing high Cv.
- Seat available in either Soft (PTFE/RTFE) NBR, EPDM, VITON or Metal (A240 Tp 304/316), Fire-Safe Seat. Both Soft seats and Metal seats are interchangeable.
- Gland Flange preventing uneven load distribution against packing.
- Internal travel stop design to prevent over travel of the disc, minimizing possible seat damage.
- Retainer ring surface finish is 125 to 200 AARH and is compatible with both standard gasket and spiral wound gasket designs. outside diameter is recessed within gasket sealing surface to prevent external leakage.
- Heavy duty handle and 10-position notch plates allow for positioning the valve disc to precise angle stops.

