



PTFE LINED BUTTERFLY VALVE

Description

Flow-Tech Valves and Engineers Split Body PTFE Lined Butterfly Valve is manufactured in size range of 40 mm to 400 mm, Body and Integral Disc with shaft material are available in Ductile Iron A395, Stainless Steel and Carbon Steel duly lined with FEP, PFA.

Flow-Tech Valves and Engineers PTFE Lined Butterfly Valve is available in Wafer Body Style in ANSI 150#, PN6, PN 10, PN16 Class operated by Hand lever, Manual Gear, Pneumatic Actuator and wide range of Accessories like positioner, proximity switch box, Limit switch, solenoid valve etc

Our high performance PTFE lined butterfly valves are ideally suited for the stringent performance requirements demanded with isolating and controlling wet and dry chlorine gas as well as hydrochloric acid.

Salient Features :

- 'Maintenance Free' High Performance Design
- Bubble Tight Closer provides process efficiency
- Dynamic Live Loaded Seal Design give super safe operation.
- Precision Spherically Molded & Machined One Piece Disc/Stem
- Minimum 3mm Thick PFA Liner
- Integral Actuator Mounting Flange
- ISO 5211 Mounting Flange
- Dynamically Loaded Mechanical Shaft Seal
- Radially Loaded Atmospheric Seal
- Enhanced Resilient 360 degrees Elastomeric Energizer
- High Strength A193 B7 Fasteners
- Blowout Proof Stem

- Chambered PFA Raised Face Flange Sealing

manufacturer of ptfе lined butterfly valve in India, manufacturers of fep lined butterfly valve in India, manufacturer of pfa lined butterfly valve in India

Technical Specifications

1) Design Standard : BS EN 593:2004 (Formerly BS 5155)

2) Testing Standard : BS EN 12266-1&2 (2003)

3) Size Range : 40 mm to 400 mm

4) Design : Split Body – Wafer Type

5) End Connection : Wafer Type to sandwich between two flanges as per ANSI B16.5 / DIN PN 10 / DIN PN 16

6) Face to Face : API 609 / DIN 3202 K1 / BS 5155 / ISO 5752 / BS EN 558-1/2

7) Lining Thickness : 3 to 5 mm

8) Body / Disc M.O.C. : Ductile Iron GGG40.3 / ASTM A395, Cast Steel ASTM A216 Gr. WCB, ASTM A351 Gr. CF8 (S.S.304), ASTM A351 Gr. CF8M (S.S.316)

9) Lining Material Options : PTFE – ASTM D 4895, PFA – ASTM D 3307, FEP – ASTM D 2116

10) Test and Inspection : Hydraulic Test : Body (Shell) – 20 Kg/Cm, Seat – 11 Kg/Cm, Pneumatic Test : Seat – 6 Kg/Cm

11) Spark Test : 15 K.V.D.C.

12) Operation : Gear Box, Pneumatic Actuator, Electro-Pneumatic Valve Positioner, Electrical Actuator, Solenoid Valve, Limit Switch, Air Filter Regulator

