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Укрепленные заслонки с двойным смещением

Double offset High Performance Butterfly Valve



Short Description:

Size Range: 2"-40" (50mm-1000mm)

Pressure Rating: ASME 150LB, 300LB

Temperature Range: -46°C– +200°C

Connection: Wafer, Lug, Butt Weld, Double Flange

Material: Carbon Steel, Stainless Steel , Aluminium bronze, Titanium, Monel, Hastelloy etc.

Operation: Lever, Gear, Pneumatic, Electric OP

NSEN High performance Butterfly Valve are in Double offset design. Our unique live load packing seal design is adopted with good elasticity and high reliability. The lip type sealing structure can compensate for the changes of temperature and pressure.

- Blow out proof stem
- API 6FA fire safe
- 2 Split shaft design

- Large flow capacity
- Lower torque
- Tight shut off

Applicable Standards

Valve Marking: MSS-SP-25,

Design & Manufacture: API 609, EN 593, ASME B16.34

Face to Face Dimension: API 609, ISO 5752 End Connection: ASME B16.5, ASME B16.47, EN 1092, JIS B2210, GOST 12815

Test and Inspection: API 598, EN 12266, ISO 5208, ANSI B16.104

Top Flange: ISO 5211

Advantage

Compare to the other type valve, high performance butterfly got follow advantage

- Easy installation and maintain
- High performance butterfly valve has been proven to be a efficient solution under high temperature and high pressure working condition.
- Much lower torque, also could save the cost of the actuator
- Lighter weight and smaller volume compare to same size plug valve, ball valve, gate valve, globe valve, check valve

Structure

Double Offset Structure

Live loaded packing system Generally, people only focus on the internal leakage which occurs on the seat part but ignore the external leakage problem, i.e the leakage of packing part. Live loaded packing design with combined structure ensure NSEN Butterfly valve could meet max. leaking ≤ 20 ppm. It makes packing sealing reliable and prolongs the maintenance-free period of packing.

Anti-blow out stem design

The anti-blow out structure is provided at the top of the shaft to prevent the shaft running out of the gland in case of accidental breaking of the shaft.

Adjustable stem packing

The packing system could be adjust through hexagon bolt, without remove the actuator .Packing system consists of packing gland, bolt, hexagon nut and washer. The normally adjustment could be done by Rotating 1/4 turn hexagon bolt.

Removable seat for convenient seat maintenance

The seat can be replaced through removing the inserts without the need of disassembling the disc and shaft.

Application

- Petrochemical plant
- Refinery
- Offshore-Platform
- Power plant
- LNG
- Metallurgical Plant
- Pulp and paper
- Industrial system

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