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Заслонки с тройным смещением с проушинами

Lug Triple offset Butterfly Valve



Short Description:

Size Range: 2"-48" (50mm-1200mm)

Pressure Rating: ASME 150LB, 300LB

Temperature Range: -46°C– +600°C

Connection: Lug

Shutoff tightness: Zero Leakage

Structure : Multi-layer , Metal to Metal

Material: WCB, CF8M, A105, F316, C95800, Titanium, Monel, Hastelloy etc.

Operation: Lever, Gear, Pneumatic, Electric OP

Overview

NSEEN Lug Triple offset butterfly valve are widely used in pulp and paper and chemical, petrochemical and refining industries. With superior tightness butterfly valve operate in both control and shut-off applications.

- Laminated sealing & Metal to metal sealing

- Bi-directional & Uni-directional
- Low opening torque
- Friction free between seat and sealing
- Tilted cone sealing face
- Lubricated bearing

Applicable Standards

Valve Marking: MSS-SP-25

Design & Manufacture: API 60

Face to Face Dimension: API 609, ISO 5752, EN 558

End Connection: ASME B16.5, ASME B16.47, EN 1092, JIS B2220, GOST 12820

Test and Inspection: API 598, EN 12266, ISO 5208, ANSI B16.10

Structure

NSEN provide the option for fixed seat and floating seat which can be repaired without remove the valve from site, it could shorten the maintenance time and greatly improve efficiency. The fixed seat apply to the valve where the medium flow forward , so the tight shutoff sealing is just for one direction, and it should pay attention to the flow direction when it was installed . Although the seat are fixed, but the sealing of disc still could be removed. If the valve apply with floating seat, you could install at any direction.

Low opening torque

This serial uses the Radial Dynamically Balanced Sealing System,by means of optimized design, the forces undertaken on both sides for the butterfly disc inlet and outlet become approximately balanced so as to effectively lower the valve opening torque.

Self lubricating bearing

In order to reduce the operation torque and avoid lock of stem under frequently open and close, a customized self-lubricating bushing has been applied.

Seal ring material

Seal ring of laminated type is made of stainless steel plate with graphite/ carbon fiber/ PTFE etc. Compare to the rubber asbestos plate material, our adopting material is more wearable, anti-flush, reliable and better for environmental.

Seat ring of metal sealed butterfly valve is made of forged alloy steel which has the advantages of anti-scour, wear-resistance, high pressure and temperature resistance and long life span.

Packing-combined sealing system

NSEN adopt this structure to ensure valve leakage could meet ≤ 20 ppm at maximum. The dynamic sealing structure is available if necessary, which make the packing sealing under good condition and prolong the free maintenance period of packing.

Evenly Fixed Structure

Butterfly valve's sealing ring is fixed with evenly distributed bolts/nuts. Every bolt is precisely located and endure force evenly. This structure eliminates the problems of leakage or loose sealing ring due to uneven force of bolts and nuts.

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