

RESILIENT SEATED BUTTERFLY VALVES



- API 609 CATEGORY A
- NSF 61/372
- API 598 SEAT LEAKAGE

MARKETS



WATER/
WASTEWATER



INDUSTRIAL

SPECIFICATIONS

Size Range	2"-36"
Materials	Ductile iron body, CF8M disc, T431SS shaft
Pressure Rating	ASME B16.5 Class 150 (230psi)
Temperature Rating	-20°F-400°F
Body Style	Lugged, wafer
Actuator Type	Lever, worm gear, electric motor, pneumatic, hydraulic
Standards	API 609 Category A, NSF 61/372, API 598 Seat Leakage
Install Orientation	Horizontal or vertical
Service	On-off



ENGINEERING FEATURES

APPLICATIONS

The Tri-Seal Resilient Seated Butterfly Valves are designed to handle a wide variety of applications such as water treatment, pulp and paper, power, automotive, mining, ethanol, oil, gas and other general service applications where a resilient seated butterfly valve is required.

1. TOP FLANGE

Conforms to industry standard ISO 5211, which allows the flexibility to mount most actuators in the market.

2. BLOWOUT PROOF STEM

Tri-Seal offers a reliable shaft retention system that meets the blowout proof shaft requirements of API 609.

3. SLIM DISC DESIGN

The inclusion of dual upper and lower shafts in the design of the valve has resulted in a slim profile disk. This slim disk profile maximizes the valve's CVs (coefficients of flow capacity), which enables more fluid to pass through the valve and eliminates the need for external disc-to-shaft pin connections. This feature is particularly beneficial in applications where high flow rates are required.



TONGUE & GROOVE SEAT

Utilizes a tri-groove seat connection system to provide a stable, secure connection even under high pressure dead-end or full vacuum service. Aside from locking the seat in place, the center tongue also allows rubber to flex into the center body groove when shutting the valve, which reduces the operating torque.

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