

Elite TH2500 Triple Offset Class 150 Butterfly Valve



Brand: Elite Valve

Short Description

The TH2500 is a triple offset, high performance butterfly valve designed for applications in the oil and gas, petrochemical, power generation, and manufacturing industries. Triple offset design with laminated 2205SS + Graphite disc seat API 622 Low FE packing CF8M or WCB body and disc Lugged, wafer or flanged connection ASME Class 150 3" to 48"

Description

Features & Benefits • Triple offset geometry eliminates friction during operation, ensuring a precise and torque-seated seal • Metal-to-metal seating provides superior sealing integrity, even under extreme temperatures and pressures • High-quality alloys and corrosionresistant materials resist wear, and harsh chemical environments • Ball bearings provide superior shaft support and maintain disc position during seating • Graphite wipers provide protection to the bearings from dirt and debris • Fire-safe design features ensure reliable operation in critical safety scenarios • Bidirectional flow capability provides efficient sealing and performance in both flow directions • Low torque operation reduces actuator size requirements, minimizing energy usage and system costs

Technical Details & Standards • Standard sizes available: 3" - 24" • CF8M or WCB body • CF8M or WCB disc • 17-4PH shaft • Stellite 6 body seat • 2205SS + graphite disc seat • API 622 Low FE graphite packing • Class 150 Pressure/Temp Rating per ANSI B16.34 • Wafer, lugged or double flanged process connections per ASME B16.5 • Face to face per API 609 Cat. B • Designed and manufactured according to API 609 • Testing per API 598 • CRN