

Type 47 Gate Valve

AXON's patent pending, Type 47 gate valve was developed to meet the increasing demand for high performance gate valves used for drilling and production. The Type 47 manual and hydraulic gate valve is a true metal to metal sealing valve. Elastomers are not utilized in the design of the Type 47 gate valve, resulting in an increased valve temperature range and improved performance.



SPECIFICATIONS

- Bore: 1.81" to 4.06" (46 mm to 103 mm)
- Pressure rating: 2,000 psi to 15,000 psi (13.8 MPa to 103.5 MPa)
- Designed and manufactured to ISO 10423 (API 6A) for Wellhead and Christmas Tree Equipment
- Available in Product Specification Levels PSL 1 to 3, Performance requirement PR-2
- Available in temperature ratings up to K-X (-75 °F to 350 °F) (-60 °C to 180 °C)

FEATURES / BENEFITS

- New technology seal assembly reduces contaminants entering body cavity
- T-slotted slab gate allows better sealing and reduced operating torque
- Downstream sealing reduces problem of trapped pressure in body cavity
- Compatible with most well bore fluids
- Designed to withstand extreme temperatures and pressures, in addition to abrasive service and harsh environments
- Reduced inventory due to increased parts commonality
- Bi-directional valve seals on downstream side of gate, regardless of flow direction
- Cartridge seat assembly installed as one unit
- High pressure grease fitting located above stem back seat area