

# GATE VALVE WITH ELECTRIC ACTUATOR



## FEATURES

- Reliable sealing & sturdy construction to ensure excellent performance.
- Non-Rotating stem with precision Acme threads & burnished finish.
- All trim material available as per API 600.
- Fully guided wedge to ensure proper alignment while seating.
- Pressure sealed bonnet for ASME #900 and above to provide excellent sealing against increased line pressure.
- Back Seat arrangement to provide isolation of stuffing box for On-Line serviceability.
- Valve Bypass optionally available.
- Valves are available in Flanges End & Butt weld end connections (other connections can be provided on request).
- Locking arrangement can be provided on manual and hand wheel operated valves.
- Complying to various national and international standards like API, BS, ISO, etc.

## SPECIFICATIONS

### Codes & Standards

● General design & mfg.	ASME B16.34 / API 600/IBR
● Face to face dimensions	ASME B16.10
● Actuator mounting pad	ISO 5210
● Inspection and testing	API 598
● Flange drilling	ASME B16.5

### Technical Specifications

● Valve type	Gate valve
● Bonnet Type	Bolted bonnet / Pressure seal bonnet
● Seat type	Renewable (Welded with body)
● End Connection	Flanged / Butt weld end
● Size range	DN 50 to DN 600
● Pressure rating Class	150 / 300 / 600 / 900 / 1500 / 2500
● Operating temp. range	-29°C to 650°C**
● Seat leakage	As per API 598

### Standard Material of Construction (MOC)

● Valve Body	WCB / CF8/ CF8M / WC6 / WC9 / C5 / C12 / LCB
● Valve Wedge	13% Cr. Facing / WCB + HF / SS304 + HF / SS316 + HF
● Seat ring (Renewable)	13% Cr. Facing / WCB + HF / SS304 + HF / SS316 + HF
● Stem	SS 410 / SS 304 / SS 316
● Gland Bush	SS 410 / SS 304 / SS 316

