

## Gate Valves



We manufacture a wide range of **Gate Valves** which include knife gate valves, cast iron gate valves and flanged gate valves. These valves are renowned all over for their premium quality. With the quality assurance we are the largest flanged gate valves supplier in India. We also manufacture these gate valves according to customer specifications. The quality of these valves is intact. They are properly inspected and verified before sending them to client. Uses of acme quality metal and flawless designs which enhance the performance of these valves have made us stand much ahead from the other manufacturers in India.

Gate Valves are Outside Screw & Yoke, Bolted bonnet & with Rising stem. The “STRAIGHT THROUGH BORE” design assures minimum turbulence, erosion and resistance to flow caused by pockets & recesses. Gate Valves are mainly used where minimum pressure drop is a requirement.

However, they can not be used for THROTTLING SERVICE because half open Gate Valves can damage the Seat Rings. Gate Valves are always used either in full open or full closed position.

### Design Features :

- Designed for exceptionally low pressure drop
- Back seating arrangement permits the replacement of packing with valve under fully open condition.
- Two piece design of gland flange provides centralizing effect to the gland sleeve, thus producing a uniform clamping pressure on the packings.

### Material Structure :

- **End Connection** : Flanged end raised face, Butt weld end, RTJ, etc.
- **Operation** : Hand wheel, Gear operator, Electrical Actuator, Pneumatic, Hydraulic
- **Shell** : WCB, WC1, WC6, WC9, LCB, LCC, LC3, C5, C12, CF8, CF8M, CF3, CF3M, CF8C, CN7M, CD4MCu, Hastalloy, Inconel, Duplex Stainless Steel
- **Trim** : 13% Cr. Steel, 304, 304L, 316, 316L, 321, 347, Monel, Duplex Stainless Steel

## Standards "

**Design Standard :** API 600

**Testing Standard :** API 598

**Face to Face :** ASME B 16.10

**End Connection :**

- **Flanged End :** ASME B 16.5
- **Butt Weld End :** ASME B 16.25
- **Pressure Temperature :** ASME B 16.34

**Valve Operation :**

**Operator :** Hand Wheel :

- **Size Range :**
  - 2" – 10" – Class 150, 300, 600
  - 2" – 4" – Class 900 & 1500

**Operator :** Gear Operator

- **Size Range :**
  - 12" & above – Class 150, 300, 600
  - 6" & above – Class 900, 1500

## Product Range

Size Range	Class
2" - 24"	150
2" - 16"	300
2" - 12"	600
2" - 12"	900
2" - 6"	1500