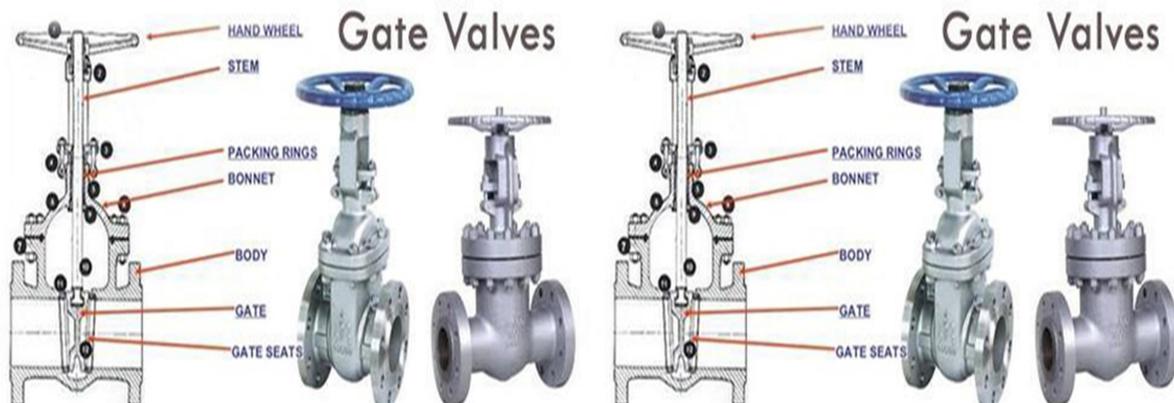


## Gate Valves

Shams Engineerings is one of the best Quality Gate Valves Manufacturer in Mumbai, Maharashtra, India. We are a leading manufacturer, suppliers and exporters of Gate Valves in Mumbai and abroad. Our Gate Valves are manufactured according to International Standards, you can email us for Easy and Quick Quotes at Factory Prices.



A Gate Valve, also known as a sluice valve, is a Valves which opens by lifting a round or rectangular gate/wedge out of the path of the fluid. Gate Valves are mainly designed to start or stop flow, and when minimum flow restriction is needed. In working, these Valves generally are either fully opened or fully closed.

### What is a Gate valves?

Gate Valves are widely used for all types of applications and are suitable for both above ground and underground installation. not least for underground installations it is paramount to choose the right type of Valves to avoid high replacement costs.

Shams Engineerings are suppliers, dealers, exporters and manufacturers of Gate Valves in India. Our high-grade range of Gate Valves are perfectly designed and developed in accordance with the international quality standards. Gate Valves that are precisely engineered using the prime quality raw material. We offer customized Gate Valves as per the requirements of the clients.

Shams Engineering Gate Valves are manufactured and exported to API Std. 600, API 603, BS 1414 and tested to API 598. It is commonly used where minimum pressure drop and bidirectional on-off service is required.

You can always rely on Shams Engineering to get the right gate valve to meet your exact requirement. Shams Engineering gate valves display a high level of quality of material, precision and durable service.

### **Material of Construction:**

From barstock in carbon steel or stainless steel (304, 316,304L, 316L, 321), Alloy 20, Hastelloy B & C.

Castings in carbon steel to ASTM A216 Gr. WCB, WCC, LCB, LCC.

Casting in stainless steel to ASTM A 351 Gr. CF8/CF 8M/CF 8C/CF3/CF 3M Alloy 20, Hastelloy B & C.

Castings in C.I. to I.S. 210 Gr. FG200/220/260.

Castings in Alloy Steel to ASTM A 217 C5, WC6, WC9, WC12.Design

- Standard: API 600 / BS-1414
- Face To Face Dimensions: ASME B 16.10
- Size Range: 15mm to 600 mm
- Pressure Rating:Class150/300/600/900/1500/2500
- Screwed to BSP/BSPT/NPT for sizes 15 mm to 50 mm
- Flanged to ASME B 16.5
- Socket Weld to ASME B16.11 for sizes 15 mm to 50 mm
- Butt weld to ASME B 16.25 for sizes 15 mm to 600 mm

### **Application**

- Highly Suitable for flow control & Restriction in irrigation & water supply lines.

### **Advantages:**

- Good Restriction features
- Gate Valves are bidirectional so they can be used in two directions
- Pressure loss through the Valves is minimal

### **Disadvantages:**

- They can not be opened or closed quickly
- Gate Valves are not suitable to regulate or throttle flow
- They are sensitive to vibration in the open state