

Gate Valves

CF8M Stainless Steel Hydraulic Gate Valves Supplier, Buy High Temperature Reduced Bore Gate Valve

Gate valve is a type of installation device used in pipe systems to control to the flow of liquids through them. The gate vales have gates that open and close inside a closed body connected to the pipeline. The Parallel Gate Valves have parallely connected gate. The gate face gives the designation of the valves such as parallel gate valve or the Wedge-shaped Gate Valves.



The wedge shaped gate valves are more common in operation. The material of the gate valve can differ from ferritic iron to austenitic, duplex and alloy steel material. Carbon steel and mild steel material are also used in the production of the gate valves. The gate can be made of different material types as well.

Gate Valve Manufacturers in Mumbai, View Gate Valve Schematic Diagram

The Metal Seated Gate Valve has metal piece as the gate. This gate resides inside a body of the valve and is moved into the pipe and out of the pipe by a connected thread that is operated by a handle. There are different types of valve stems that hold the thread and handle. The rising stem valve is one of the most commonly used valves. The Metal Seated Knife Gate Valve is a different type of gate valve. Here the gate is a knife. There are operations which involve plastic solutions and high viscosity liquids. These liquids can be hard to stop with ordinary piece of metal. So the gates are designed as knives to cut through these high viscosity fluids so that the flow can be easily controlled.

Gate Valves Specification

Name	Gate Valve
Body Material	ASTM, ASME, JIS. Cast Steel / Forged Steel, Carbon Steel, 1Cr0.5Mo Steel, 2.5Cr1Mo Steel, Stainless Steel, 9Cr1Mo-V Steel, etc.
Fluid	Water, Steam, Gas, Oil, etc.
Connection Form	Socket weld, butt weld, flanged*
Pressure Class, Size(Standardized)	Class 150 - 2500: - 600 mm Class 3500: - 400 mm Class 4500: - 300 mm
Operation Method	Manual (including the type with a manual reduction gear), electric