

## Gate Valve

Asten Controls is one of the leading Gate Valve manufacturer, supplier and exporter in India. We have capabilities to offer customized gate valve solutions to suit your varying application requirement. Our offered gate valves are used largely in pipeline system for on-off and regulating the flow, additionally they are used as isolating valves. Operation is performed either rotating clockwise for open or clockwise for close, while operating gate of the valve moves either up or down as per application requirement



Gate valve is used for the complete shut off or in fully open position to allow full flow of fluid in piping system. It requires minimum space with pipe axis and does not restrict fluid flow when working in open condition. Gate valves are easy to construct in large piping system than any other valve and hence used mostly in large system. Sometimes bypass valves are used with gate valve to reduce flow pressure in larger system, bypass valves are one type of small valve which is connected with fluid flow before gate valve. Gate valve offers minimum pressure drop in open condition as it has no obstacle in fluid flow. A partial open valve is more prone to wear, it also suffer from position movement from assigned position due to vibration when partial opened.

Gate valves are used mostly controlling fluid flow of water, oil, gas, steam and air in various industries such as chemical, refineries, petrochemical and gas plants. Full bore gate valve used in oil/gas pipeline for cleaning and monitoring purpose. They can also regulate the flow with usual on off applications. A special knife edge gate valve is used for the viscous fluid flow in the pipe line. Gate valve is ideal in the applications where minimum pressure loss require. It is multi turn valve means it has to turn many times for changing position from open to close; this characteristic of slow operation saves it from water hammering effect.

With continuous effort and large experience, we have become one of the leading **gate valve supplier**, manufacturer and exporter company in India. We ensure to provide excellent quality products to satisfy customer need and applications. We are able to fulfil your product requirement with our customized solution at best prices.