

## Steering Valve for Forklift

Forklift Steering Valves - A valve is a device which controls the flow of a fluid like liquids, slurries, fluidized gases or regular gases, by opening, closing or partially obstructing some passageways. Valves are normally pipe fittings but are typically discussed as a separate category. In situations where an open valve is concerned, fluid flows in a direction from higher to lower pressure.

Many applications such as commercial, military, industrial, residential and transport industries use valves. Some of the main trades that depend on valves include the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

Most valves being used in daily activities are plumbing valves, that are utilized in taps for tap water. Various popular valves comprise those fitted to washing machines and dishwashers, gas control valves on cookers, valves in car engines and safety devices fitted to hot water systems. In nature, veins inside the human body act as valves and control the blood circulation. Heart valves even control the flow of blood in the chambers of the heart and maintain the proper pumping action.

Valves can be used and operated in many ways that they can be worked by a pedal, a lever or a handle. Also, valves can be operated automatically or by changes in pressure, flow or temperature. These changes could act upon a diaphragm or a piston which in turn activates the valve. Various common examples of this kind of valve are seen on safety valves or boilers fitted to hot water systems.

Valves are utilized in various complex control systems that may require an automatic control which is based on external input. Regulating the flow through the pipe to a changing set point is one example. These circumstances normally need an actuator. An actuator will stroke the valve depending on its set-up and input, allowing the valve to be places precisely while allowing control over a variety of needs.