

## Steering Valves for Forklift

Forklift Steering Valve - A valve is a device that controls the flow of a fluid such as fluidized gases or regular gases, liquids, slurries, by closing, partially obstructing or opening certain passageways. Valves are generally pipe fittings but are commonly discussed as a separate category. In instances where an open valve is concerned, fluid flows in a direction from higher to lower pressure.

Many applications like transport, commercial, military, industrial and residential industries make use of valves. Some of the main businesses that rely on valves consist of the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

Most valves being utilized in day to day activities are plumbing valves, that are utilized in taps for tap water. Several common valves include those fitted to dishwashers and washing machines, gas control valves on cookers, valves inside car engines and safety devices fitted to hot water systems. In nature, veins within the human body act as valves and control the blood flow. Heart valves also regulate the circulation of blood in the chambers of the heart and maintain the correct pumping action.

Valves can be operated in various ways. For example, they can be worked either by a handle, a pedal or a lever. Valves can be driven by changes in flow, temperature or pressure or they could be automatic. These changes can act upon a diaphragm or a piston which in turn activates the valve. Some popular examples of this kind of valve are found on safety valves or boilers fitted to hot water systems.

Valves are utilized in various complicated control systems which could need an automatic control which is based on external input. Regulating the flow through the pipe to a changing set point is one example. These situations usually need an actuator. An actuator will stroke the valve depending on its set-up and input, allowing the valve to be positioned precisely while enabling control over several needs.