

## Steering Valve for Forklifts

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

Valves are utilized in various applications like transport, commercial, military, industrial and residential trades. A few of the major trades which rely on valves consist of the chemical manufacturing, power generation, water reticulation, sewerage, oil and gas sector and mining.

Most valves being used in everyday activities are plumbing valves, which are used in taps for tap water. Other common valves comprise types 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 inside the human body act as valves and control the blood circulation. Heart valves likewise control the circulation of blood in the chambers of the heart and maintain the proper pumping action.

Valves can be operated in a variety of ways. For example, they could be worked either by a lever, a handle or a pedal. Valves could be driven by changes in temperature, pressure or flow 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 boilers or safety valves fitted to hot water systems.

Valves are utilized in lots of complicated 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 situations usually need an actuator. An actuator will stroke the valve depending on its set-up and input, allowing the valve to be situated accurately while enabling control over several requirements.