

## Steering Valve for Forklift

Forklift Steering Valve - Valves help to control the flow of a fluids such as liquids, slurries, fluidized gases or regular gases by closing, partially obstructing or even by opening certain passageways. Regular valves are pipe fittings but are discussed as a separate category. In cases where an open valve is concerned, fluid flows in a direction from higher to lower pressure.

Various applications like transport, commercial, military, industrial and residential trades use valves. Some of the main trades which rely on valves include the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

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

Valves can be utilized and worked in several ways that they can be operated by a lever, a handle or a pedal. Also, valves can be operated automatically or by changes in pressure, flow or temperature. These changes can act upon a piston or a diaphragm which in turn activates the valve. Some popular examples of this particular type of valve are found on boilers or safety valves fitted to hot water systems.

There are more complex control systems using valves which require automatic control which is based on external input. For instance, controlling flow through a pipe to a changing set point. These circumstances generally require an actuator. An actuator will stroke the valve depending on its input and set-up, allowing the valve to be positioned accurately while enabling control over several needs.