

## Forklift Steering Valve

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

Various applications like for instance residential, transport, commercial, military and industrial industries use valves. Some of the major trades which depend on valves comprise the oil and gas sector, mining, chemical manufacturing, power generation, water reticulation and sewerage.

In every day activities, the most common valves are plumbing valves as seen because it taps for tap water. Several popular examples include small valves fitted to washing machines and dishwashers, gas control valves on cookers, valves within car engines and safety devices fitted to hot water systems. In nature, veins within the human body act as valves and control the blood circulation. Heart valves even regulate the flow of blood in the chambers of the heart and maintain the proper pumping action.

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

Valves are used in various complex control systems which could require an automatic control which is based on external input. Controlling the flow through the pipe to a changing set point is an example. These situations usually require an actuator. An actuator will stroke the valve depending on its input and set-up, that allows the valve to be places precisely while allowing control over various needs.