

## Steering Valves for Forklift

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

Numerous applications like for example residential, transport, commercial, military and industrial businesses utilize valves. Some of the major businesses that rely on valves consist of the power generation, water reticulation, sewerage, oil and gas sector, mining and chemical manufacturing.

Most valves being utilized in day to day activities are plumbing valves, which are used in taps for tap water. Various common valves include types 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 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 proper pumping action.

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

Valves are used in lots of complicated control systems that may need 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 generally require an actuator. An actuator will stroke the valve depending on its input and set-up, that enables the valve to be positioned precisely while enabling control over different requirements.