

## Steering Valve for Forklifts

Forklift Steering Valves - A valve is a device which regulates the flow of a fluid like for instance fluidized gases or regular gases, liquids, slurries, by partially obstructing, opening or closing some passageways. Valves are normally 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.

Many applications like for instance residential, transport, commercial, military and industrial industries utilize valves. Some of the main industries that depend on valves comprise the sewerage, oil and gas sectors, mining, chemical manufacturing, power generation and water reticulation.

Most valves being utilized in everyday activities are plumbing valves, that are utilized 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 in the human body act as valves and regulate the blood circulation. Heart valves likewise control the circulation of blood in the chambers of the heart and maintain the proper pumping action.

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

Valves are utilized in various complicated control systems that can 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 set-up and input, allowing the valve to be positioned precisely while enabling control over different requirements.