

## Steering Valve for Forklifts

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

Valves are used in many applications like residential, transport, commercial, military and industrial businesses. Some of the main industries which rely on valves include the sewerage, oil and gas sectors, mining, chemical manufacturing, power generation and water reticulation.

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

Valves could be operated in several 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 could be automatic. These changes may act upon a diaphragm or a piston which in turn activates the valve. Various common examples of this type of valve are found on safety valves or boilers fitted to hot water systems.

There are more complicated control systems making use of valves that require automatic control that is based on external input. Like for example, controlling flow through a pipe to a changing set point. These circumstances usually need an actuator. An actuator will stroke the valve depending on its set-up and input, which allows the valve to be positioned precisely while enabling control over a variety of needs.