

## Forklift Steering Valves

Forklift Steering Valve - Valves help to control the flow of a fluids such as liquids, slurries, fluidized gases or regular gases by opening and closing or even by partially obstructing particular passageways. Regular valves are pipe fittings but are 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 residential, transport, commercial, military and industrial businesses make use of valves. A few of the major industries which rely on valves comprise the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

In daily activities, the most common valves are plumbing valves as seen because it taps for tap water. Other popular examples include small valves 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 within the human body act as valves and control the blood circulation. Heart valves even regulate the circulation of blood in the chambers of the heart and maintain the correct pumping action.

Valves could be used and operated in several ways that they can be operated by a handle, a pedal or a lever. Additionally, valves could be driven 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. Several common examples of this particular type of valve are seen on safety valves or boilers fitted to hot water systems.

There are more complicated control systems using valves which require automatic control that is based on external input. For example, controlling flow through a pipe to a changing set point. These situations usually require an actuator. An actuator will stroke the valve depending on its set-up and input, allowing the valve to be situated precisely while allowing control over different requirements.