

## Forklift Steering Valve

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

Valves are used in numerous applications like transport, commercial, military, industrial and residential industries. Some of the major trades which depend on valves consist of the sewerage, oil and gas sectors, mining, chemical manufacturing, power generation and water reticulation.

In daily activities, the most common valves are plumbing valves as seen in view of the fact that it taps for tap water. Several popular examples comprise small valves 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 inside the human body act as valves and control the blood flow. Heart valves likewise regulate the flow of blood in the chambers of the heart and maintain the proper pumping action.

Valves could be used and worked in many ways that they could be worked by a handle, a pedal or a lever. Also, valves can be operated 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 popular examples of this kind of valve are found on boilers or safety valves fitted to hot water systems.

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