

Steering Valves for Forklift

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

Valves are utilized in various applications like for example military, industrial, residential, transport and commercial industries. Some of the major trades that depend on valves include the power generation, water reticulation, sewerage, oil and gas sector, mining and chemical manufacturing.

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

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

Valves are used in several complex control systems which may 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 generally require an actuator. An actuator would stroke the valve depending on its input and set-up, which allows the valve to be situated precisely while allowing control over various needs.