

Steering Valves for Forklift

Forklift Steering Valve - Valves help to regulate the flow of a fluids like for example slurries, fluidized gases or regular gases, liquids by partially obstructing, opening or even by closing particular passageways. Regular 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 various applications such as industrial, residential, transport, commercial and military trades. Some of the major industries that rely on valves consist of the power generation, water reticulation, sewerage, oil and gas sector, mining and chemical manufacturing.

In day to day activities, the most popular valves are plumbing valves as seen since it taps for tap water. Various popular examples include small valves 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 correct pumping action.

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

Valves are used in a lot of complicated control systems that could require an automatic control that is based on external input. Controlling the flow through the pipe to a changing set point is one example. These situations usually require an actuator. An actuator will stroke the valve depending on its input and set-up, allowing the valve to be situated accurately while enabling control over a variety of needs.