

Forklift Steering Valves

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

Various applications like for example military, industrial, residential, transport and commercial businesses make use of valves. Some of the major industries that rely on valves include the power generation, water reticulation, sewerage, oil and gas sector, mining and chemical manufacturing.

In every day activities, the most common valves are plumbing valves as seen because it taps for tap water. Several 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 inside the human body act as valves and control the blood circulation. Heart valves even control the flow of blood in the chambers of the heart and maintain the proper pumping action.

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

Valves are utilized in a lot of complex control systems which can need 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 generally need an actuator. An actuator will stroke the valve depending on its input and set-up, allowing the valve to be places precisely while allowing control over several requirements.