

Steering Valves for Forklift

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

Valves are used in many applications such as commercial, military, industrial, residential and transport businesses. Some of the major businesses which depend on valves include 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 for the reason that it taps for tap water. Several popular examples include 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 in the human body act as valves and regulate the blood circulation. Heart valves even regulate the flow of blood in the chambers of the heart and maintain the correct pumping action.

Valves can be operated in a variety of ways. For instance, they can be operated either by a handle, a pedal or a lever. Valves can be driven by changes in flow, temperature or pressure or they can be automatic. These changes may 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 complicated control systems which could need an automatic control which is based on external input. Regulating the flow through the pipe to a changing set point is one example. These circumstances generally need an actuator. An actuator will stroke the valve depending on its set-up and input, allowing the valve to be placed accurately while allowing control over several requirements.