Steering Valves for Forklift

Forklift Steering Valve - Valves help to control the flow of a fluids such as liquids, slurries, fluidized gases or regular gases by partially obstructing, opening or even by closing certain 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 utilized in various applications like industrial, residential, transport, commercial and military industries. A few of the main industries 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 because it taps for tap water. Other popular examples consist of 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 in the human body act as valves and control the blood flow. Heart valves even control the flow of blood in the chambers of the heart and maintain the proper pumping action.

Valves could be worked in various ways. 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 can be automatic. These changes could act upon a diaphragm or a piston which in turn activates the valve. Various popular examples of this type of valve are found on boilers or safety valves fitted to hot water systems.

Valves are utilized in various complex control systems that 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 require an actuator. An actuator would stroke the valve depending on its set-up and input, allowing the valve to be positioned precisely while enabling control over various needs.