Steering Valves for Forklift

Forklift Steering Valve - Valves assist to control the flow of a fluids such as liquids, slurries, fluidized gases or regular gases by closing, partially obstructing or even by opening particular passageways. Standard valves are pipe fittings but are 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 utilized in various applications like for example transport, commercial, military, industrial and residential trades. A few of the major businesses which rely on valves include the chemical manufacturing, power generation, water reticulation, sewerage, oil and gas sector and mining.

Most valves being utilized in daily activities are plumbing valves, that are used in taps for tap water. Several popular valves comprise those fitted to dishwashers and washing machines, gas control valves on cookers, valves in 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 regulate the circulation of blood in the chambers of the heart and maintain the correct pumping action.

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

There are more complicated control systems utilizing valves that require automatic control that is based on external input. For instance, regulating flow through a pipe to a changing set point. These circumstances normally require an actuator. An actuator will stroke the valve depending on its set-up and input, which enables the valve to be places accurately while enabling control over several requirements.