Steering Valve for Forklift

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

Valves are utilized in various applications like for instance transport, commercial, military, industrial and residential trades. A few of the major industries which rely on valves comprise the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

Most valves being used in daily activities are plumbing valves, which are used in taps for tap water. Various popular valves comprise ones fitted to washing machines and dishwashers, 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 regulate the blood flow. Heart valves likewise regulate the flow of blood in the chambers of the heart and maintain the proper pumping action.

Valves could be used and worked in various ways that they can be worked by a handle, a pedal or a lever. Furthermore, valves could be worked automatically or by changes in flow, temperature or pressure. These changes could act upon a diaphragm or a piston which in turn activates the valve. Several popular examples of this kind of valve are found on safety valves or boilers fitted to hot water systems.

There are more complicated control systems using valves that require automatic control that is based on external input. Like for example, regulating flow through a pipe to a changing set point. These circumstances usually require an actuator. An actuator will stroke the valve depending on its set-up and input, that enables the valve to be situated precisely while enabling control over different requirements.