Steering Valve for Forklifts

Steering Valve for Forklifts - A valve is a device which controls the flow of a fluid like for example fluidized gases or regular gases, liquids, slurries, by closing, partially obstructing or opening particular passageways. Valves are usually pipe fittings but are usually 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 various applications like for instance commercial, military, industrial, residential and transport industries. A few of the major industries that rely on valves comprise the chemical manufacturing, power generation, water reticulation, sewerage, oil and gas sector and mining.

In day to day activities, the most popular valves are plumbing valves as seen as it taps for tap water. Several common 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 within the human body act as valves and regulate the blood flow. Heart valves even regulate the flow of blood in the chambers of the heart and maintain the proper pumping action.

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

There are more complicated control systems making use of valves which require automatic control which is based on external input. For example, regulating flow through a pipe to a changing set point. These situations normally require an actuator. An actuator would stroke the valve depending on its set-up and input, which allows the valve to be positioned accurately while allowing control over different requirements.