Forklift Steering Valve

Steering Valves for Forklift - Valves help to control the flow of a fluids such as fluidized gases or regular gases, liquids, slurries by closing, partially obstructing or even by opening some passageways. Regular valves are pipe fittings but are discussed as a separate category. In instances where an open valve is concerned, fluid flows in a direction from higher to lower pressure.

Various applications such as military, industrial, residential, transport and commercial industries make use of valves. A few of the major trades that rely on valves comprise the power generation, water reticulation, sewerage, oil and gas sector, mining and chemical manufacturing.

Most valves being used in day to day activities are plumbing valves, which are used in taps for tap water. Several popular valves comprise those fitted to washing machines and dishwashers, gas control valves on cookers, valves inside car engines and safety devices fitted to hot water systems. In nature, veins within the human body act as valves and regulate the blood circulation. Heart valves likewise control the flow of blood in the chambers of the heart and maintain the right pumping action.

Valves can be operated in various ways. Like for instance, they can be worked either by a lever, a handle or a pedal. Valves can be driven by changes in temperature, pressure or flow 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 particular type of valve are seen on boilers or safety valves fitted to hot water systems.

There are more complex control systems using valves that need automatic control that is based on external input. For example, regulating flow through a pipe to a changing set point. These situations normally need an actuator. An actuator will stroke the valve depending on its set-up and input, that enables the valve to be situated precisely while allowing control over several requirements.