Steering Valve for Forklifts

Forklift Steering Valve - Valves help to regulate the flow of a fluids like liquids, slurries, fluidized gases or regular gases by partially obstructing, opening or even by closing 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.

Numerous applications like for instance industrial, residential, transport, commercial and military trades use valves. Some of the major trades which depend on valves include the sewerage, oil and gas sectors, mining, chemical manufacturing, power generation and water reticulation.

Most valves being utilized in day to day activities are plumbing valves, which are utilized in taps for tap water. Other common valves comprise those 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 within the human body act as valves and control the blood circulation. Heart valves likewise regulate the flow of blood in the chambers of the heart and maintain the right pumping action.

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

There are more complicated control systems using valves that need automatic control that is based on external input. For instance, controlling flow through a pipe to a changing set point. These circumstances generally require an actuator. An actuator would stroke the valve depending on its input and set-up, allowing the valve to be places accurately while enabling control over a variety of needs.