Forklift Steering Valves

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

Most valves being utilized in everyday activities are plumbing valves, which are used in taps for tap water. Several common valves consist of 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 in the human body act as valves and control the blood flow. Heart valves also control the flow of blood in the chambers of the heart and maintain the correct pumping action.

Valves can be utilized and worked in lots of ways that they can be worked by a handle, a pedal or a lever. Additionally, valves can be worked automatically or by changes in pressure, flow or temperature. These changes may act upon a diaphragm or a piston which in turn activates the valve. Various common examples of this particular kind of valve are found on boilers or safety valves fitted to hot water systems.

There are more complex control systems using valves that need automatic control which is based on external input. Like for instance, controlling flow through a pipe to a changing set point. These situations 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 allowing control over several requirements.