Forklift Steering Valve

Forklift Steering Valves - Valves assist to control the flow of a fluids such as 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 situations where an open valve is concerned, fluid flows in a direction from higher to lower pressure.

Various applications like for instance military, industrial, residential, transport and commercial industries make use of valves. A few of the major trades that depend on valves comprise the sewerage, oil and gas sectors, mining, chemical manufacturing, power generation and water reticulation.

Most valves being utilized in everyday activities are plumbing valves, that are used in taps for tap water. Other common valves include kinds fitted to dishwashers and washing machines, 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 control the blood circulation. Heart valves even control the flow of blood in the chambers of the heart and maintain the proper pumping action.

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

Valves are used in various complex control systems that could need an automatic control that is based on external input. Regulating the flow through the pipe to a changing set point is an example. These situations normally require an actuator. An actuator will stroke the valve depending on its input and set-up, that enables the valve to be situated precisely while enabling control over a variety of requirements.