Steering Valve for Forklift

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

Numerous applications like for instance military, industrial, residential, transport and commercial industries use valves. Some of the main businesses that depend on valves comprise the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

Most valves being used in day to day activities are plumbing valves, that are used in taps for tap water. Several common valves comprise ones fitted to dishwashers and washing machines, 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 control the blood flow. Heart valves likewise regulate the circulation of blood in the chambers of the heart and maintain the correct pumping action.

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

There are more complex control systems using valves that require automatic control that is based on external input. For example, 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 enabling control over various needs.