Steering Valve for Forklifts

Forklift Steering Valve - A valve is a device that regulates the flow of a fluid such as fluidized gases or regular gases, liquids, slurries, by closing, partially obstructing or opening certain 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.

Numerous applications such as transport, commercial, military, industrial and residential industries use valves. Some of the major trades which depend on valves consist of the chemical manufacturing, power generation, water reticulation, sewerage, oil and gas sector and mining.

In daily activities, the most common valves are plumbing valves as seen for the reason that it taps for tap water. Various common examples consist of small valves 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 in the human body act as valves and control the blood circulation. Heart valves even regulate the flow of blood in the chambers of the heart and maintain the right pumping action.

Valves could be utilized and worked in many ways that they could be worked by a lever, a handle or a pedal. Also, valves could be worked automatically or by changes in temperature, pressure or flow. These changes could act upon a piston or a diaphragm which in turn activates the valve. Some popular examples of this type of valve are found on boilers or safety valves fitted to hot water systems.

There are more complex control systems utilizing valves that need automatic control that is based on external input. For example, controlling flow through a pipe to a changing set point. These circumstances generally need an actuator. An actuator will stroke the valve depending on its input and set-up, that allows the valve to be places accurately while enabling control over various requirements.