

Forklift Steering Valve

Forklift Steering Valve - A valve is a device which regulates the flow of a fluid like for example fluidized gases or regular gases, liquids, slurries, by closing, partially obstructing or opening certain passageways. Valves are normally pipe fittings but are usually discussed as a separate category. In cases 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 trades make use of valves. Some of the major trades which rely on valves comprise the power generation, water reticulation, sewerage, oil and gas sector, mining and chemical manufacturing.

In daily activities, the most popular valves are plumbing valves as seen as it taps for tap water. Various common examples comprise small valves 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 in the human body act as valves and control the blood circulation. Heart valves also control the circulation of blood in the chambers of the heart and maintain the correct pumping action.

Valves could be used and operated in lots of ways that they could be worked by a handle, a pedal or a lever. Additionally, valves could be driven 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. Various 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 using valves which require automatic control which is based on external input. Like for example, regulating flow through a pipe to a changing set point. These circumstances generally need an actuator. An actuator would stroke the valve depending on its input and set-up, which allows the valve to be positioned accurately while enabling control over various needs.