

Forklift Steering Valve

Forklift Steering Valve - A valve is a device which controls the flow of a fluid like for instance slurries, fluidized gases or regular gases, liquids, by opening, closing or partially obstructing some passageways. Valves are normally pipe fittings but are commonly 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 such as military, industrial, residential, transport and commercial industries make use of valves. A few of the main industries which depend on valves include the sewerage, oil and gas sectors, mining, chemical manufacturing, power generation and water reticulation.

In daily activities, the most common valves are plumbing valves as seen as it taps for tap water. Other popular 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 inside the human body act as valves and regulate the blood flow. Heart valves also regulate the circulation of blood in the chambers of the heart and maintain the correct pumping action.

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

Valves are used in numerous complex control systems which can require an automatic control which is based on external input. Regulating the flow through the pipe to a changing set point is one example. These situations usually need an actuator. An actuator would stroke the valve depending on its set-up and input, that allows the valve to be situated precisely while allowing control over a variety of requirements.