

Forklift Steering Valves

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

Valves are utilized in many applications like for instance military, industrial, residential, transport and commercial industries. A few of the main industries which rely 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. 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 within the human body act as valves and regulate the blood flow. Heart valves even regulate the circulation of blood in the chambers of the heart and maintain the right pumping action.

Valves could be used and worked in several ways that they could be operated by a lever, a handle or a pedal. In addition, valves can be driven automatically or by changes in flow, temperature or pressure. These changes could act upon a diaphragm or a piston which in turn activates the valve. Several 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 making use of valves that require automatic control that is based on external input. For example, regulating flow through a pipe to a changing set point. These circumstances usually require an actuator. An actuator would stroke the valve depending on its input and set-up, which allows the valve to be positioned precisely while allowing control over a variety of requirements.