

Steering Valve for Forklift

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

Various applications like industrial, residential, transport, commercial and military industries use valves. Some of the major industries which depend on valves comprise the power generation, water reticulation, sewerage, oil and gas sector, mining and chemical manufacturing.

In daily activities, the most common valves are plumbing valves as seen because it taps for tap water. Several popular examples consist of small valves fitted to washing machines and dishwashers, 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 regulate 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 numerous ways that they could be worked by a handle, a pedal or a lever. Also, valves can be worked automatically or by changes in temperature, pressure or flow. These changes could act upon a diaphragm or a piston which in turn activates the valve. Various common examples of this particular kind of valve are seen on boilers or safety valves fitted to hot water systems.

There are more complex control systems using valves which need automatic control which is based on external input. Like for instance, regulating flow through a pipe to a changing set point. These circumstances usually require an actuator. An actuator will stroke the valve depending on its set-up and input, that enables the valve to be situated accurately while allowing control over various needs.