

Forklift Steering Valves

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

Many applications such as residential, transport, commercial, military and industrial businesses make use of valves. Some of the major trades that rely on valves comprise the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

Most valves being used in daily activities are plumbing valves, which are used in taps for tap water. Several common valves include those fitted to washing machines and dishwashers, gas control valves on cookers, valves within 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 flow of blood in the chambers of the heart and maintain the correct pumping action.

Valves could be worked in a variety of ways. Like for instance, they can be worked either by a handle, a pedal or a lever. Valves can be driven by changes in pressure, flow or temperature or they can be automatic. These changes may act upon a piston or a diaphragm which in turn activates the valve. Several common examples of this kind of valve are seen on safety valves or boilers fitted to hot water systems.

Valves are used in lots of complex control systems which may require an automatic control that is based on external input. Controlling the flow through the pipe to a changing set point is one example. These situations usually need an actuator. An actuator will stroke the valve depending on its set-up and input, allowing the valve to be places accurately while allowing control over different requirements.