

Steering Valves for Forklift

Forklift Steering Valve - Valves assist to regulate the flow of a fluids like for instance liquids, slurries, fluidized gases or regular gases by closing, partially obstructing or even by opening particular 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.

Valves are used in many applications such as industrial, residential, transport, commercial and military trades. A few of the major trades that depend on valves include the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

Most valves being utilized in daily activities are plumbing valves, that are utilized in taps for tap water. Several common valves comprise those 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 within the human body act as valves and control the blood flow. 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 various ways that they could be operated by a handle, a pedal or a lever. Furthermore, valves could be operated automatically or by changes in pressure, flow or temperature. These changes may act upon a piston or a diaphragm which in turn activates the valve. Some common examples of this type of valve are seen on boilers or safety valves fitted to hot water systems.

There are more complicated control systems utilizing valves which require automatic control which is based on external input. Like for instance, controlling flow through a pipe to a changing set point. 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 various requirements.