

Steering Valves for Forklift

Forklift Steering Valve - A valve is a device that controls the flow of a fluid such as fluidized gases or regular gases, liquids, slurries, by partially obstructing, opening or closing particular passageways. Valves are generally pipe fittings but are commonly discussed as a separate category. In situations where an open valve is concerned, fluid flows in a direction from higher to lower pressure.

Many applications like for instance commercial, military, industrial, residential and transport industries utilize valves. A few of the main trades which rely on valves consist of the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

Most valves being used in day to day activities are plumbing valves, which are utilized in taps for tap water. Various popular valves consist of types 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 flow of blood in the chambers of the heart and maintain the proper pumping action.

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

Valves are used in many complex control systems which could require an automatic control which is based on external input. Regulating the flow through the pipe to a changing set point is an example. These situations normally require an actuator. An actuator will stroke the valve depending on its set-up and input, which enables the valve to be situated accurately while allowing control over several needs.