

Steering Valves for Forklift

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

Valves are utilized in various applications like commercial, military, industrial, residential and transport trades. Some 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 used in daily activities are plumbing valves, which are utilized in taps for tap water. Several common valves include kinds fitted to washing machines and dishwashers, gas control valves on cookers, valves in 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 control the flow of blood in the chambers of the heart and maintain the right pumping action.

Valves can be operated in various ways. For instance, they could be worked 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 can act upon a diaphragm or a piston which in turn activates the valve. Various common examples of this type of valve are seen on boilers or safety valves fitted to hot water systems.

There are more complex control systems utilizing valves which need automatic control that is based on external input. For instance, regulating flow through a pipe to a changing set point. These circumstances generally need an actuator. An actuator will stroke the valve depending on its input and set-up, that allows the valve to be places accurately while allowing control over different requirements.