

Steering Valve for Forklift

Forklift Steering Valve - Valves aid to regulate the flow of a fluids such as fluidized gases or regular gases, liquids, slurries by closing, partially obstructing or even by opening 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 used in various applications such as residential, transport, commercial, military and industrial businesses. Some of the major businesses that rely on valves comprise the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

In every day activities, the most common valves are plumbing valves as seen as it taps for tap water. Other common examples comprise small valves fitted to dishwashers and washing machines, gas control valves on cookers, valves in 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 even regulate the circulation of blood in the chambers of the heart and maintain the proper pumping action.

Valves could be utilized and operated in numerous ways that they could be operated by a pedal, a lever or a handle. Furthermore, valves can be driven automatically or by changes in flow, temperature or pressure. These changes can act upon a piston or a diaphragm which in turn activates the valve. Several common examples of this type of valve are found on boilers or safety valves fitted to hot water systems.

Valves are used in many complex control systems which could 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 circumstances normally need an actuator. An actuator would stroke the valve depending on its set-up and input, allowing the valve to be positioned accurately while allowing control over a variety of needs.