

Forklift Steering Valve

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

Various applications such as military, industrial, residential, transport and commercial businesses make use of valves. Some of the major businesses which depend on valves consist of the mining, chemical manufacturing, power generation, water reticulation, sewerage and oil and gas sector.

Most valves being used in everyday activities are plumbing valves, that are utilized in taps for tap water. Other popular valves comprise ones 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 within the human body act as valves and regulate the blood circulation. Heart valves even control the circulation of blood in the chambers of the heart and maintain the proper pumping action.

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

Valves are used in numerous complicated control systems which may need 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 generally require an actuator. An actuator will stroke the valve depending on its set-up and input, that allows the valve to be positioned accurately while enabling control over different requirements.