

Steering Valves for Forklift

Forklift Steering Valve - A valve is a device that controls the flow of a fluid like liquids, slurries, fluidized gases or regular gases, by closing, partially obstructing or opening some passageways. Valves are normally pipe fittings but are commonly 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 trades use valves. Some of the major businesses which depend on valves include the power generation, water reticulation, sewerage, oil and gas sector, mining and chemical manufacturing.

Most valves being utilized in everyday activities are plumbing valves, which are used in taps for tap water. Various popular valves comprise ones 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 inside the human body act as valves and control the blood flow. Heart valves likewise control the circulation of blood in the chambers of the heart and maintain the right pumping action.

Valves could be used and worked in various ways that they could be operated by a handle, a pedal or a lever. What's more, valves can be worked automatically or by changes in pressure, flow or temperature. These changes could act upon a piston or a diaphragm which in turn activates the valve. Several common examples of this particular kind of valve are seen on boilers or safety valves fitted to hot water systems.

There are more complicated control systems making use of valves that require automatic control which is based on external input. For instance, regulating flow through a pipe to a changing set point. These situations usually need an actuator. An actuator would stroke the valve depending on its input and set-up, which enables the valve to be placed precisely while allowing control over various requirements.