

Steering Valve for Forklift

Steering Valve for Forklifts - A valve is a device which controls the flow of a fluid like slurries, fluidized gases or regular gases, liquids, by opening, closing or partially obstructing some 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.

Numerous applications like for example military, industrial, residential, transport and commercial businesses use valves. Some of the major trades which depend on valves comprise the oil and gas sector, mining, chemical manufacturing, power generation, water reticulation and sewerage.

Most valves being utilized in daily activities are plumbing valves, that are utilized in taps for tap water. Various common valves comprise those 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 likewise regulate the circulation of blood in the chambers of the heart and maintain the correct pumping action.

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

There are more complex control systems using valves which need automatic control that is based on external input. For example, 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 set-up and input, that allows the valve to be places precisely while allowing control over a variety of needs.