

Forklift Steering Valve

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

Many applications like military, industrial, residential, transport and commercial businesses use valves. Some of the main industries which rely on valves consist of the chemical manufacturing, power generation, water reticulation, sewerage, oil and gas sector and mining.

In day to day activities, the most popular valves are plumbing valves as seen as it taps for tap water. Several common examples consist of small valves 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 in the human body act as valves and regulate the blood circulation. Heart valves likewise control the circulation of blood in the chambers of the heart and maintain the correct pumping action.

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

There are more complicated control systems using valves that require automatic control which is based on external input. For example, regulating flow through a pipe to a changing set point. These circumstances generally require an actuator. An actuator will stroke the valve depending on its input and set-up, which enables the valve to be places precisely while allowing control over different needs.