

Forklift Steering Valves

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

Valves are used in numerous applications like for instance residential, transport, commercial, military and industrial industries. A few of the major businesses which depend on valves comprise the power generation, water reticulation, sewerage, oil and gas sector, mining and chemical manufacturing.

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

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

There are more complex control systems making use of valves that require automatic control that is based on external input. For example, controlling flow through a pipe to a changing set point. These situations generally require an actuator. An actuator will stroke the valve depending on its input and set-up, allowing the valve to be positioned precisely while allowing control over several requirements.