

Forklift Steering Valve

Forklift Steering Valve - A valve is a device which controls the flow of a fluid like fluidized gases or regular gases, liquids, slurries, 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.

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

Most valves being used in day to day activities are plumbing valves, which are used in taps for tap water. Various popular valves consist of types fitted to dishwashers and washing machines, gas control valves on cookers, valves inside car engines and safety devices fitted to hot water systems. In nature, veins in the human body act as valves and control the blood flow. Heart valves even control the flow 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 instance, they can be operated either by a lever, a handle or a pedal. Valves can be driven by changes in pressure, flow or temperature 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 type of valve are found on boilers or safety valves fitted to hot water systems.

There are more complex control systems using valves which require automatic control that is based on external input. For instance, controlling flow through a pipe to a changing set point. These circumstances normally require an actuator. An actuator will stroke the valve depending on its input and set-up, which allows the valve to be situated precisely while enabling control over several needs.