

Forklift Steering Valves

Forklift Steering Valve - Valves assist to control the flow of a fluids like for instance slurries, fluidized gases or regular gases, liquids by partially obstructing, opening or even by closing certain passageways. Standard valves are pipe fittings but are 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 such as commercial, military, industrial, residential and transport industries. Some of the major industries which rely on valves comprise the water reticulation, sewerage, oil and gas sector, mining, chemical manufacturing and power generation.

Most valves being utilized in daily activities are plumbing valves, which are utilized in taps for tap water. Other common valves consist of those fitted to dishwashers and washing machines, 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 control the blood circulation. Heart valves even regulate the circulation of blood in the chambers of the heart and maintain the correct pumping action.

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

There are more complicated control systems utilizing valves that require automatic control which is based on external input. Like for instance, controlling flow through a pipe to a changing set point. These circumstances generally need an actuator. An actuator will stroke the valve depending on its set-up and input, that enables the valve to be positioned precisely while allowing control over a variety of needs.