

## Forklift Steering Valves

Forklift Steering Valve - A valve is a device which regulates the flow of a fluid like for example liquids, slurries, fluidized gases or regular gases, by partially obstructing, opening or closing certain passageways. Valves are normally pipe fittings but are commonly discussed as a separate category. In instances where an open valve is concerned, fluid flows in a direction from higher to lower pressure.

Valves are used in many applications such as transport, commercial, military, industrial and residential businesses. A few of the major industries which rely on valves comprise the water reticulation, sewerage, oil and gas sector, mining, chemical manufacturing and power generation.

In every day activities, the most common valves are plumbing valves as seen because it taps for tap water. Various common examples consist of small valves 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 within the human body act as valves and regulate the blood flow. Heart valves also regulate the circulation of blood in the chambers of the heart and maintain the correct pumping action.

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

There are more complicated control systems using valves which need 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 would stroke the valve depending on its input and set-up, which enables the valve to be positioned precisely while allowing control over different requirements.