

VALVES

Valves - divided into groups

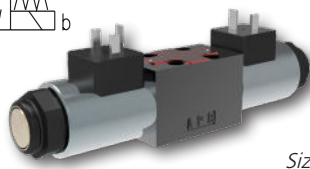
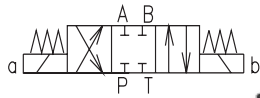
Hydraulic valves are components used for the control of hydraulic circuits.

A. Valves depending on the connection into the circuit

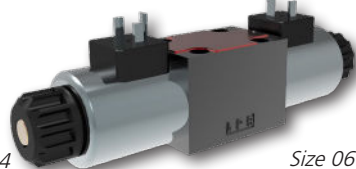
Valves with housing

These valves are intended for a subplate mounting. Their port outlets are positioned on only one connecting surface.

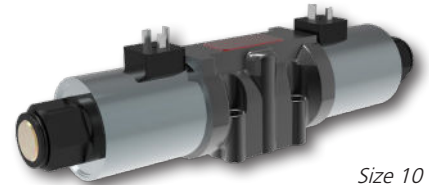
The mounting surface of given size (Size) is usually standardized acc. to ISO 4401. The directional control valve is a typical example of such a valve.



Size 04



Size 06



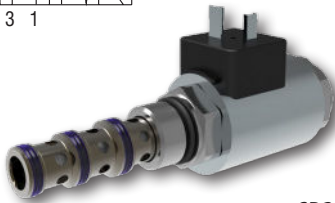
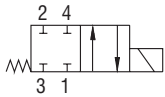
Size 10

Screw-in cartridge valves

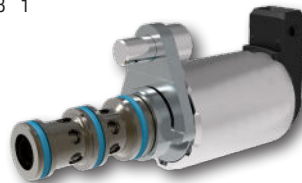
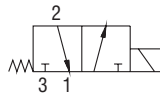
The valve housing is replaced by the steel sleeve. This type of the valve is designed for the mounting in a manifold or a modular plate. The connecting thread corresponds to the UNF standard or it is of metric type.

So-called slip-in valve is a special valve without a connecting thread.

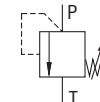
Its position is secured by the steel flange and the screw after slipping into the cavity. These simplified valves are designed in particular for mobile applications without demands on high pressures and flow rates. They are characterized by a favorable price.



SD2E-B4



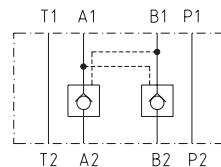
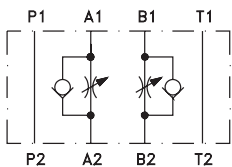
PD2E1-W3



VPP2-06

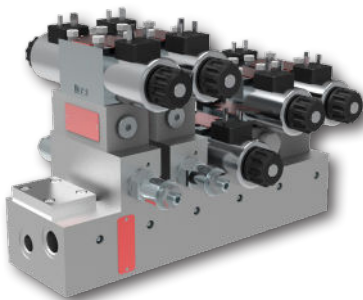
Valves built into modular plates

Modular plates equipped with through ports are intended for a vertical or horizontal stacking assembly. The mounting surface of given size (Size) is usually standardized acc. to ISO 4401. Modular plates are combined into a single unit using studs. The maximum number of assembled plates is limited by the maximum stud lengths. Stacking assembly of modular plates enables the creation of very sophisticated hydraulic circuits. The big advantage of this solution can be seen in the flexible connection design.

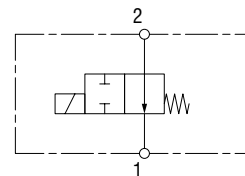


Restrictor valve with reverse flow check 2VS3-06

Double pilot operated check valve 2RV1-06



Manifold with valves placed in modular plates used for the vertical stacking assembly



2-way, screw-in cartridge directional control valve SD2E-A2 in SB manifold used in an in-line design

In-line valves

These valves have the outlets with connecting threads, allowing them to be connected to the line.

The screw-in cartridge valves can be connected to the line after their installation onto a manifold.