

# Up to 500 bar

## Type 1/921

- 3/2-way valve, direct-pressure controlled, poppet design
  - Pressure range 0-500 bar
  - Universal valve function
  - Thread connection G<sup>1/4</sup> - G1, DN10 - DN22
  - Valves of this type are also available with the function „open by spring power“.
- Additionally, a double-acting piston actuator allows a bi-directional flow.

Applications e.g.: water installations on vessels, high pressure pumps, paper processing industry for press beams, water and oil hydraulics, nitrogen applications (depending on the seal material), press- and watergate control



# Up to 450 bar

## Type 52

- 2/2-way direct acting valve, poppet design
- Pressure range 0-450 bar
- Thread connection G<sup>1/8</sup>-G<sup>1/2</sup>, DN1 - DN6
- Valves of this type are especially suitable for smaller flow rates.

Applications e.g.: car tank systems



## Type 2/529

- 2/2-way pilot operated valve, piston design
- Pressure range 1-450 bar
- Thread connection G<sup>1/8</sup>-G2, DN6 - DN50
- This valve is available as single valve, three-fold valve block or sixfold valve block.
- Non-return valves as well as two adjustable overflow valves are integrated in the valve blocks.
- In special design the valve is also suitable for high temperatures.

Applications e.g.: natural gas filling stations, hydrogen filling stations



# Up to 250 bar

## Type 3/045

- 3/2-way direct acting solenoid slide valve
- Pressure range 0-250 bar
- Universal valve function
- Thread connection G<sup>1/4</sup>-G1, DN10 - DN22

Applications e.g.: water installations on vessels, high pressure pumps, paper processing industry for press beams, water and oil hydraulics, nitrogen applications (depending on the seal material), press- and watergate control



# Up to 200 bar

## Type 46

- 2/2-way pilot operated valve, piston design
- Pressure range 1-200 bar
- Thread connection G<sup>1/4</sup>-G1, DN8 - DN25

Applications e.g.: in fire fighting systems



## Type 2/943

- 2/2-way direct acting ball valve
- Pressure range 0,5-200 bar
- Thread connection G<sup>1/8</sup>, M12 x 1,5 DN0,6 - DN2,0

The reset is carried out by the medium pressure. Especially capable for applications with small circuit times, linear flow rate, dose applications, very viscous media and robotic applications.

Applications e.g.: adhesive dosing, lubrication technology, automotive industry, pharmaceutical industry



# Up to 100 bar

## Type 75

- 3/2-way direct acting valve, poppet design
- Pressure range 0-100 bar
- Thread connection G<sup>1</sup>/<sub>4</sub>, DN1,0 - 5,0

Applications e.g.: water hydraulics, pneumatic



## Type 1/041

- 2/2-way force pilot operated valve, piston design
- Pressure range 0-100 bar
- Thread connection G<sup>1</sup>/<sub>4</sub>-G2 or with flange connection DN15 - DN100

Applications e.g.: paper conversion technology, plant construction, steel production in blast furnaces, gardening and cultivation for pulverising



# Up to 90 bar

## Type 72

- 3/2-way direct acting valve, poppet design
- Pressure range 0-90 bar
- Thread connection G<sup>1</sup>/<sub>8</sub>-G<sup>1</sup>/<sub>2</sub>, DN1,0 - DN6,0

Applications e.g.: pneumatic as e.g. control valve for cylinders

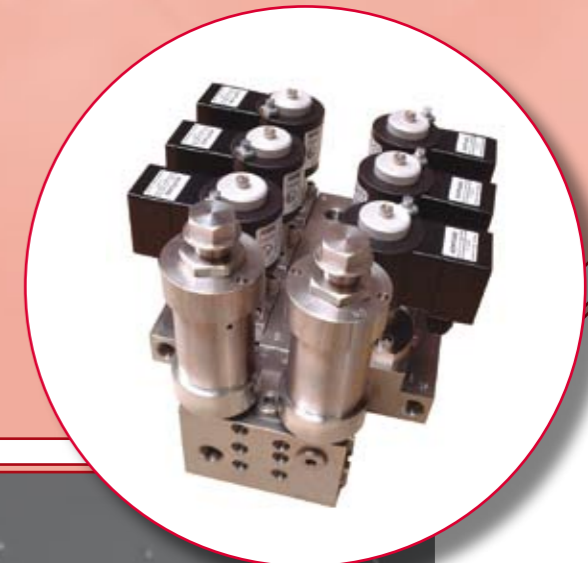


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# High pressurespecial 90 bar - 500 bar



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printed in Germany



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