HIGH PRESSURE SPECIAL
90 bar - 900 bar

Innovative Valve Technology
Valves 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: G1/4 - 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

Valves up to 450 bar

**Type 2/529**
- 2/2-way pilot operated valve, piston design
- Pressure range: 1-450 bar
- Thread connection: G1/8-G2, DN6 - DN22
- This valve is available as single valve, threelfold 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

Valves up to 200 bar

**Type 3/045**
- 3/2-way direct acting solenoid slide valve
- Pressure range: 0-250 bar
- Universal valve function
- Thread connection: G1/4, 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

Valves up to 250 bar

**Type 2/943**
- 2/2-way direct acting ball valve
- Pressure range: 0,5-200 bar
- Thread connection: G1/8, 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

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### Valves Up to 100 Bar

**Type 75**
- 3/2-way direct acting valve, poppet design
- Pressure range: 0-100 bar
- Thread connection: G¹/₄, 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: G¹/₄-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

### Valves Up to 90 Bar

**Type 72**
- 3/2-way direct acting valve, poppet design
- Pressure range: 0-90 bar
- Thread connection: G¹/₄-G¹/₂, DN1.0 - DN6.0

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