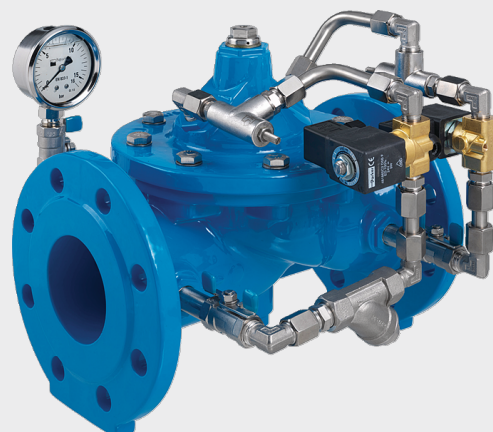
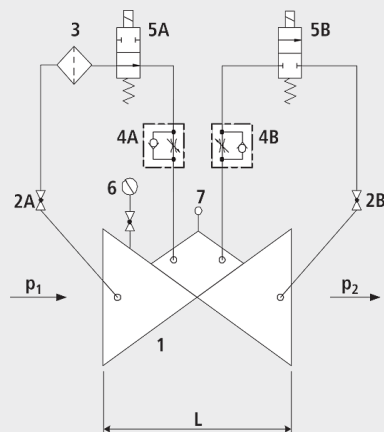


## On/Off valve for electrical remote control stepwise working - closed without current

1795



### Components

- 1: Main valve
- 2: Ball valve (A, B)
- 3: Filter
- 4: Throttle check valve (A, B)
- 5: Electric solenoid valve (A, B)
- 6: Pressure gauge with ball valve
- 7: Vent plug

### Physical characteristics

- The main valve is a hydraulically operating diaphragm valve. The work energy is the inherent medium.
- Most valve types operate purely hydraulically without any foreign energy.

### Application

- To use in drinking water systems (other media after consultation)
- Slow, step-by-step opening or closing of a supply system by means of electrical impulses
- Regulation of water levels in the reservoir (regulation of the inflow or outflow in the reservoir)
- Regulation of the flow rates
- Regulation of the flow rates for cooling circuits (in conjunction with a temperature switch)

### Mode of operation

- The open/close valve for the electric actuation opens or closes step-by-step depending on the respective actuation of the solenoid valve. The valve closes when the solenoid valves are de-energised. The opening and closing speeds can be set on the throttle non-return valve.

### Product information

- To calculate the dimensions of the valve please refer to the following information:
- Maximum and minimum inlet pressure (static and dynamic pressure ratios)
- Existing counterpressure
- Required flow rate
- Maximum permissible loss of pressure
- Voltage information for the solenoid valve
- Available line diameters and lengths
- Construction of the valve (straight or angle design)
- For the calculation basis, information on the loss of pressure and the characteristic values of the valve, please refer to the end of Chapter E.

### Design

- Design according to DIN EN 1074
- Construction length acc. to DIN EN 558
- Flange mass according to DIN 1092-2, to PN 25 DN 300
- Pressure levels: PN 10 or PN 16 to DN 300, PN 25 to DN 200, higher pressures on request.
- Nominal widths DN 50, DN 80, DN 100 and DN 150 available in angular design
- Nominal widths 1 1/2" and 2" with threaded connection (female thread)
- Medium temperature up to 40°C

## Installation and assembly

- Shut-off valves should be fitted on both sides of the valve and a dirt trap should be installed on the inlet side of the valve. Depending on the installation situation, a mounting/dismounting adapter should be provided.

## Vantages

- Maintenance-free, non-rusting valve seat
- Pressed-in seat
- EWS-coating according to RAL GSK

|            | DN     | PN<br>(bar) | L<br>(mm) | weight<br>(kg) |
|------------|--------|-------------|-----------|----------------|
| 1795007000 | 1 1/2" | 16          | 210       | 10.000         |
| 1795008000 | 2"     | 16          | 210       | 13.000         |
| 1795040000 | 40     | 16          | 200       | 11.500         |
| 1795050000 | 50     | 16          | 230       | 11.500         |
| 1795065000 | 65     | 16          | 290       | 17.000         |
| 1795080000 | 80     | 16          | 310       | 23.000         |
| 1795100000 | 100    | 16          | 350       | 32.000         |
| 1795125000 | 125    | 16          | 400       | 48.000         |
| 1795150000 | 150    | 16          | 480       | 76.000         |
| 1795200000 | 200    | 10          | 600       | 118.000        |
| 1795200016 | 200    | 16          | 600       | 105.000        |
| 1795250000 | 250    | 10/16       | 730       | 243.000        |
| 1795300000 | 300    | 10/16       | 850       | 354.000        |