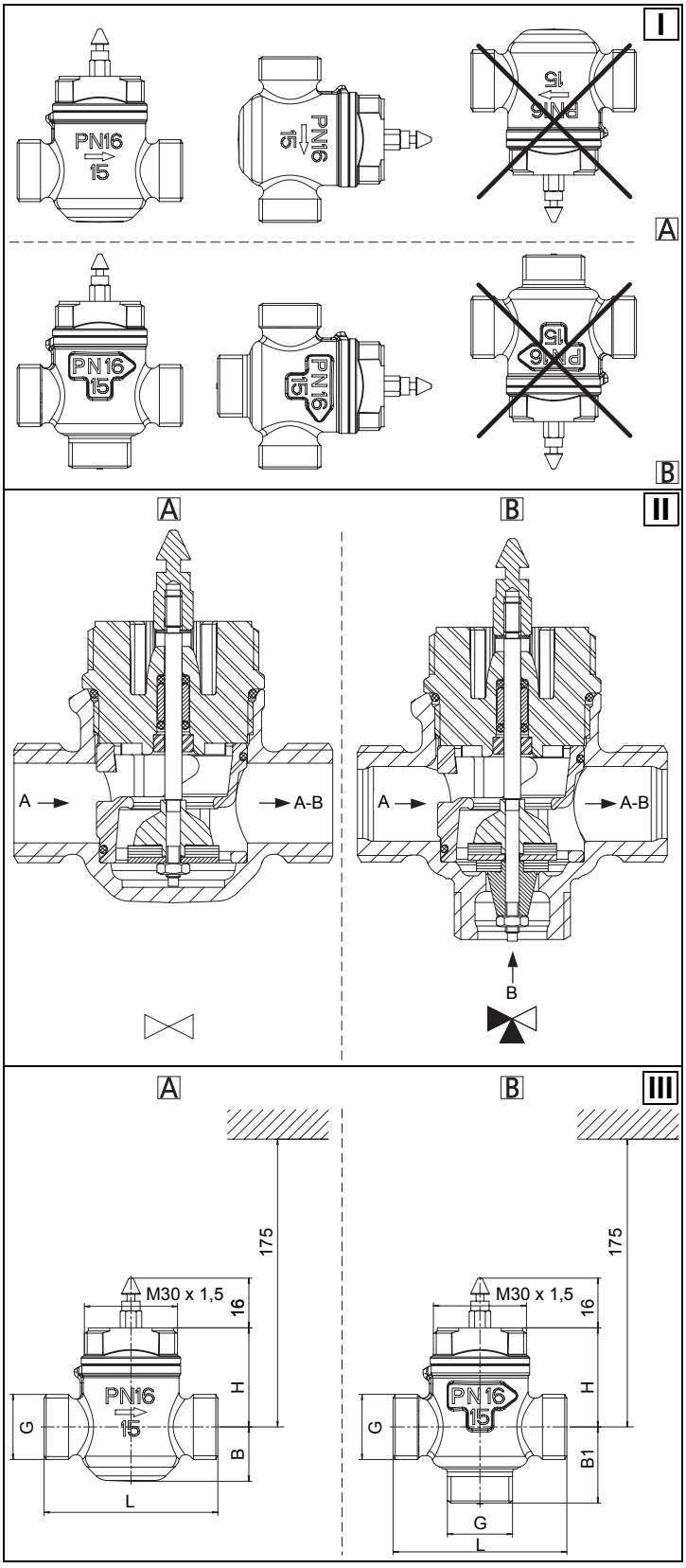
EN: Two-way valves BR216MZ • Three-way valves BR316MZ

Short installation instructions



Danger:

- The description contains some hints for the installation of the valves. For additional information please contact the supplier or manufacturer.
- Installation and commissioning of valves must be carried out by qualified technical staff.
- Prior to any work on the valves depressurise, cool down and empty the pipework in order to prevent damage to property and serious injury.
- External forces must not be allowed to generate a transverse bending moment on the valve spindle.

Installation

Preparations

- Remove all impurities from the pipework.
- Fit a dirt trap or filter upstream of the valve.
- Smoothing section upstream and downstream of valve.
- The protective cap on the valve spindle is not suitable to be used for manual adjustment.

Installation

- Fit according to pipework diagram, observing the flow symbols on the valve box.
- Three-way valvenot suitable for use as switching valve.

I. Fitting position Ⓐ Two-way and Ⓑ three-way valve

II. Flow direction

Ⓐ **Two-way valve**

- Flow from A to B

Ⓑ **Three-way valve**

- Mixing valve: Flow from A to AB and B to AB
- Reversing valve: Flow from AB to A or AB to B

III. Dimensions Ⓐ two-way and Ⓐ three-way valve

DN	15	20	25
G	G ½A	G ¾A	G 1¼A
L	56	66	76
B	18	19	26
B1	24.5	33	38
H	32	34	48

Technical Data

Nominal width	DN15 / DN20 / DN25
Pressure stage	PN16
Kvs value	DN15: 0.25 / 0.4 / 0.63 / 1 / 1.6 / 2.5 DN20: 4 DN25: 6,3 / 8
Oper.rang	in HVAC systems for water 0...120°C
Connector	Male thread as per ISO 228/1
Lift	6.5 mm
Leakage rate	<0.02% of Kvs value
Material	Housing: Brass Cone: Brass Spindle CrNi steel 1.4305 Packing: EPDM
Weight	**Two-way valve** DN15: 160g / DN20: 215g / DN25: 515g
	Three-way valve DN15: 170g / DN20: 245g / DN25: 570g