

## Two-way valve 434 208



### Application

Multiple applications in compressed air systems.

Towing vehicle example: Actuation of brake cylinder with brake system or ASR system.

Trailer example: Control of another axle with higher brake pressure of Trailer EBS.

### Purpose

The output pressure increase controlled from two separate inputs.

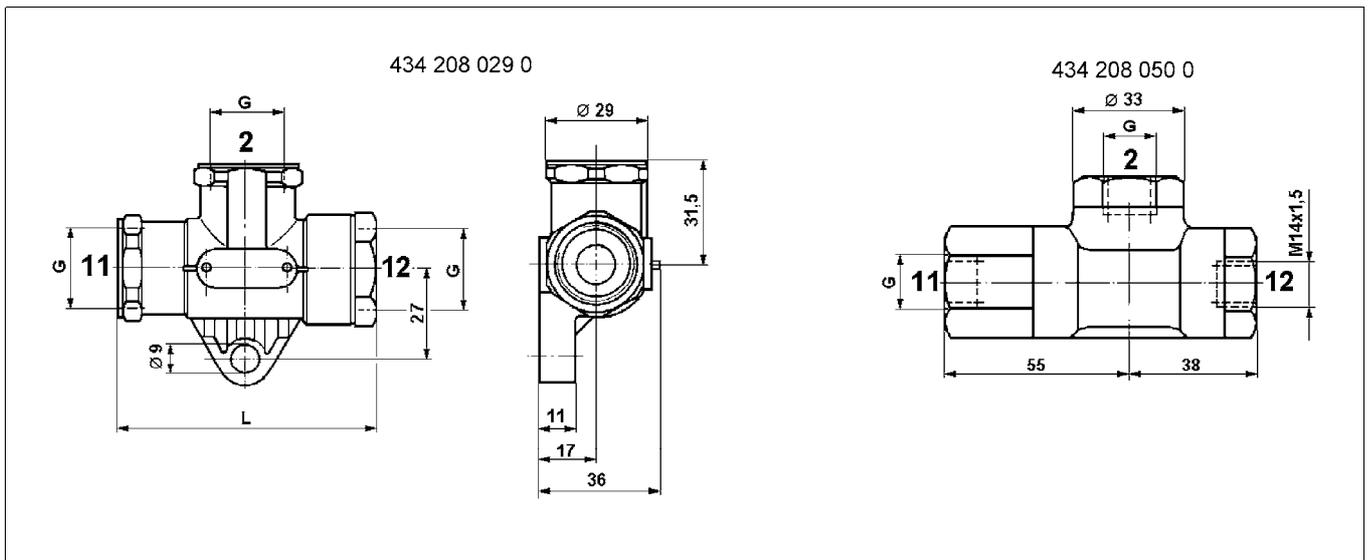
### Maintenance

Special maintenance that extends beyond the legally specified inspections is not required.

### Installation recommendation

- Install the two-way valve with connections 11 and 12 horizontally (see DIN 74 341) loose in the pipe line.

### Installation dimensions



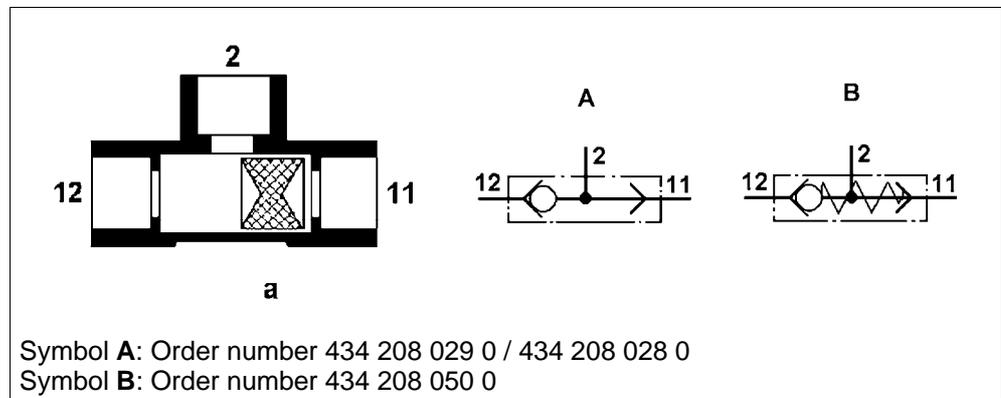
Connections			Legend		
2	Energy delivery	11	Energy supply	12	Energy supply
				G	Thread

# Two-way valve 434 208

## Technical data

Order number	434 208 029 0	434 208 028 0	434 208 050 0
Max. operating pressure	10 bar		
Install dimension L	76 mm	93 mm	
Nominal diameter	Ø 12 mm		Ø 10.5 mm
Port threads	M 22x1.5 - 12 deep	M 16x1.5 - 12 deep	
Permissible medium	Air		
Operating temperature range	-40 °C to +80 °C		
Max. tightening torque	53 Nm		
Weight	0,15 kg	0,39 kg	

## Operation



The two circuits are connected with connections 11 and 12, the device to be supplied with connection 2.

If a ventilation occurs via either connection 11 or 12, the piston valve (a) is pushed against the inner seat of the opposite connection 11 or 12. The circuit that is not actuated is blocked off this way. Compressed air is fed to the connected device via connection 2.

As soon as the pressure is dropped or shut off in the actuated circuit and is exceeded by the pressure in the opposing circuit, the piston valve (a) moves in the other direction. Compressed now flows from this circuit to the braking device.

With the two-way valve 434 208 050 0, an integrated compression spring, that puts pressure against the piston valve (a), preempting connection 11 over connection 12. A pressure drop always occurs via connection 11 this way.