

Line filter 432 500



Application

All trailers in the area of the coupling to the towing vehicle, for single- and dual-line brakes. As long as there is no filter integrated in the hose couplers already, line filters are inserted into the brake line and the supply line.

Purpose

Protecting the air-brake system from contamination.

Maintenance

- Clean the line filter – depending on operating conditions – every 3 to 4 months. Remove the filter set and blow it out with compressed air.
- Replace the damaged filter inserts.

Installation recommendation

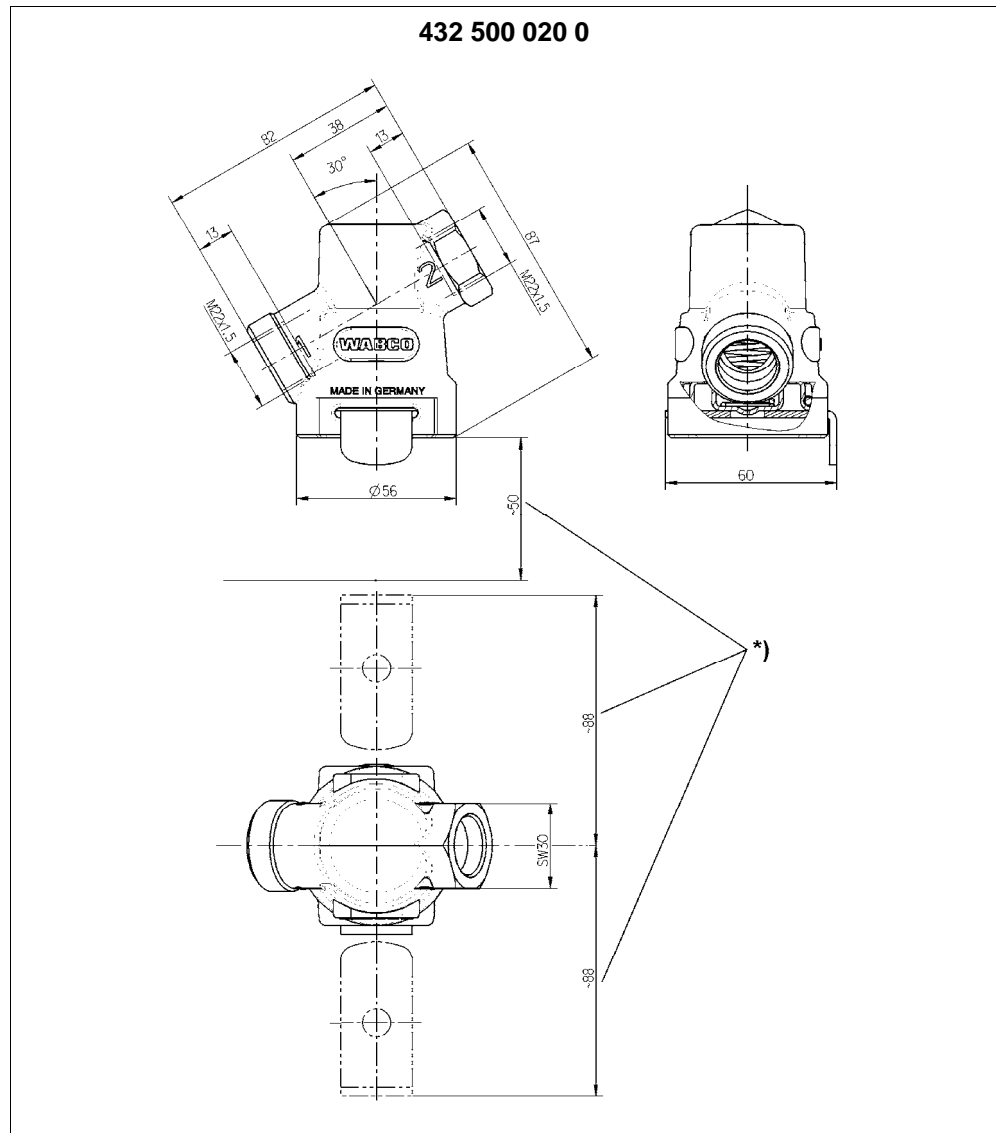
- Install the filter with bulkhead couplings in the pipe system.



Make sure that there is sufficient space for removing the filter insert (see following figure).

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Installation dimensions

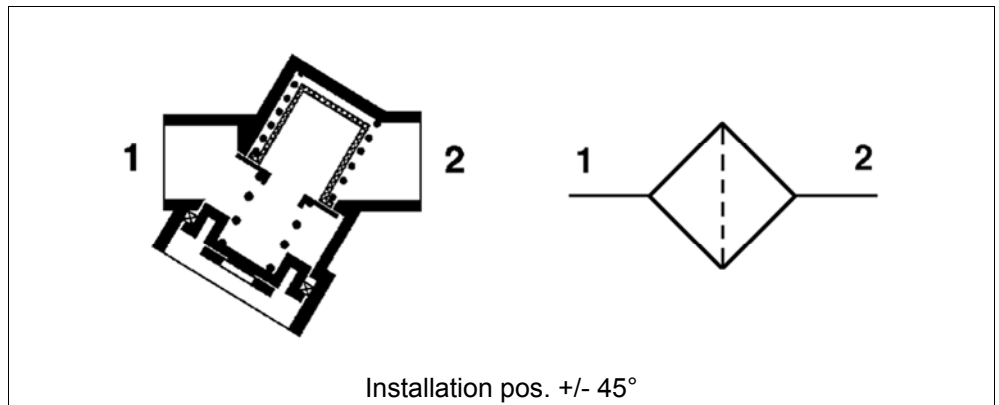


Connections	Legend
1 Energy supply 2 Energy delivery	*) Space required for removing filter cartridge

Technical data

Order number	432 500 020 0	432 500 021 0
Max. operating pressure	20 bar	
Free passage	Ø 12 mm = 1.13 cm ²	
Port threads	M 22x1.5	M 16x1.5
Pore size of filter	80 to 140 µm	
Permissible medium	Air	
Operating temperature range	-40 °C to +80 °C	
Weight	0.29 kg	
Remark	-	

Operation



Connections

1	Energy supply	2	Energy delivery
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The supplied compressed air flows through the filter insert via connection 1. This holds back any possibly existing particles of contamination and the compressed air is sent cleanly from connection 2 to the downstream braking components.

The filter insert is pushed upward against the force of the pressure spring if the line filter is blocked. The compressed air then will pass through the line filter without being cleaned. If port 1 is exhausted while the filter is blocked, the pressure in port 2 can push the filter downwards against the force of the pressure spring. This ensures a return flow from port 2 to port 1.