

Pressure booster 90-PB

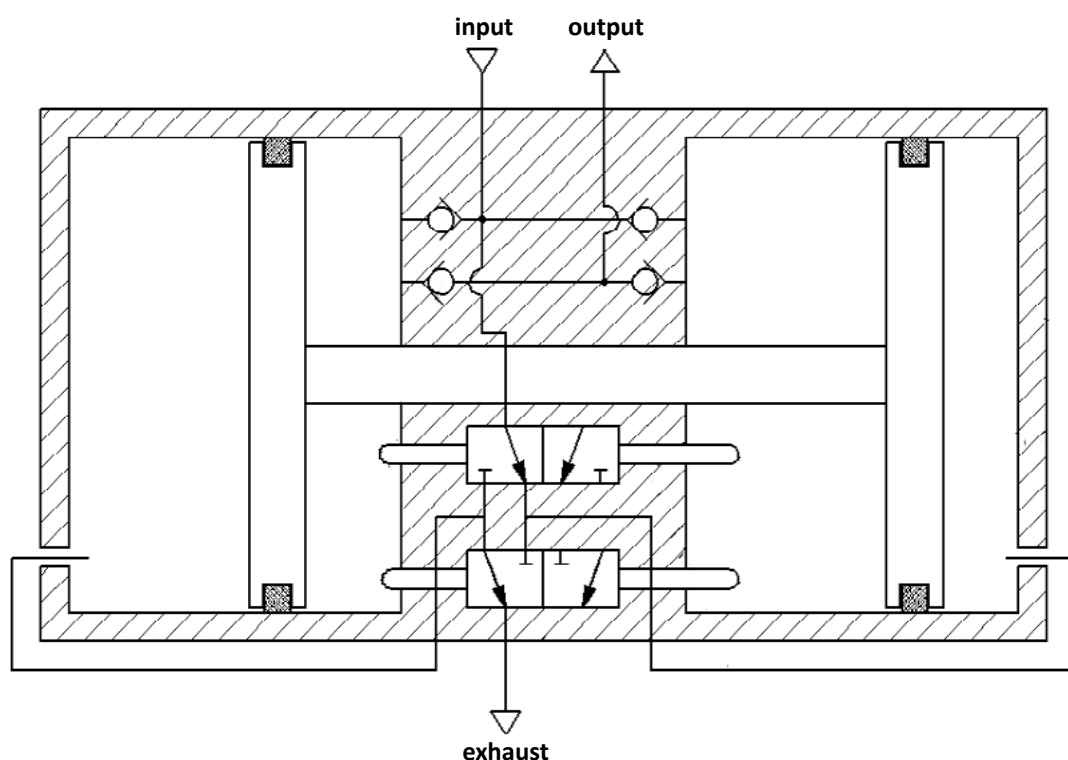
Technical details

Temperature range	-40°C ... +80°C
Input range	1.5...10 bar
Mounting	arbitrary
Medium	compressed air according to ISO 8573-1:2010
Materials	Body: Al (anodized), seals: NBR, inner parts: steel (zinc plated), stainless steel and brass



Twin-piston pressure intensifier suitable only for compressed air.
The output pressure can increase to up to 1.8-fold the value of the supply input pressure.

Function

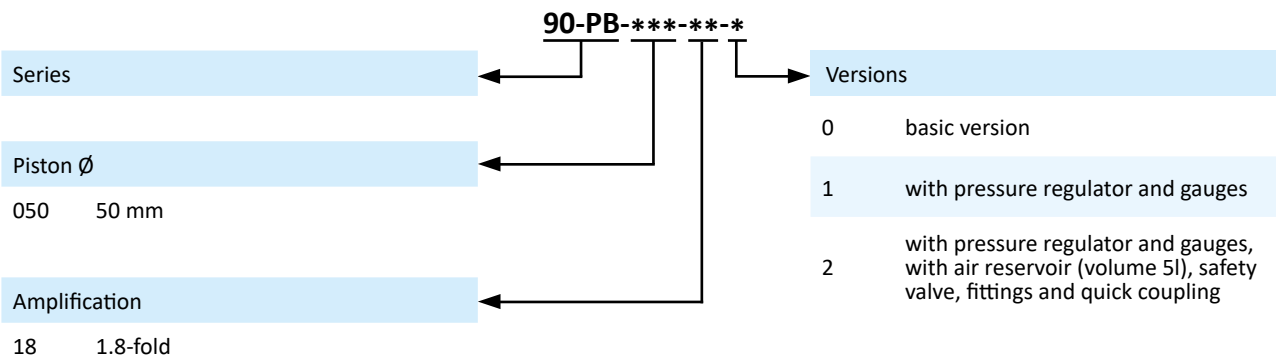


The Pressure booster 90-PB is suitable only for compressed air.
When the DPA is pressurised with compressed air, integrated non-return valves automatically facilitate pressure build up on the secondary side. The pressure booster starts automatically when the supply pressure is applied and the desired output pressure has not yet been reached.
Pressure boosters are not suitable as a replacement for compressors, as wear on seals and drive pistons increases significantly during continuous operation without breaks.

Pressure booster 90-PB



Order code



Technical data

Model-no.:	90-PB-050-18-0	90-PB-050-18-1	90-PB-050-18-2
Piston-Ø (mm)	50	50	50
Amplification factor	1.8	1.8	1.8
Outlet pressure (bar)	2.7...18	2.7...18	2.7...18
Size	G1/4	G1/4	inlet: G1/4 outlet: NW7.2
Flow (l/min)	230	230	230
Temperature range	+5°C...+60°C	+5°C...+60°C	+5°C...+60°C
Mounting	arbitrary. horizontal preferred	arbitrary. horizontal preferred	drain at the bottom
Weight (kg)	1.3	2.2	7.5



Pressure boosters are intended for the occasional extraction of compressed air.

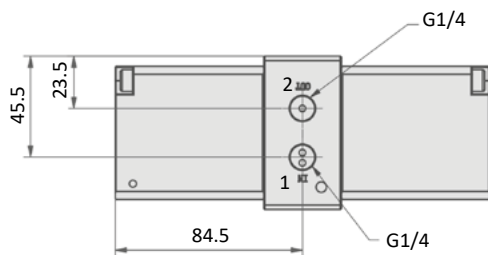
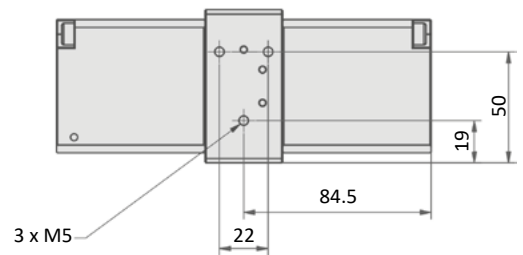
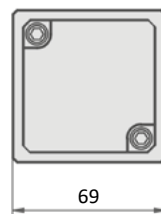
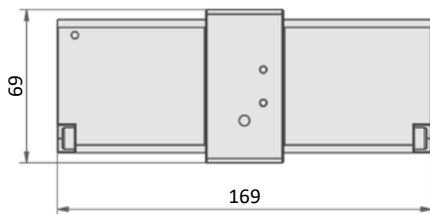
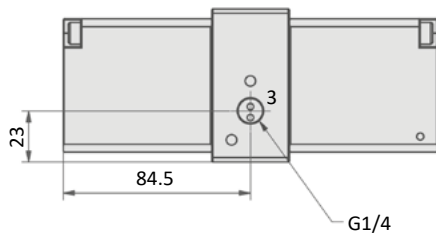
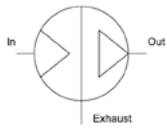
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The inner diameter of the hose for the input range should be 2 mm larger than the inner diameter of the hose for the output pressure.

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Dimensions 90-PB-050-18-0

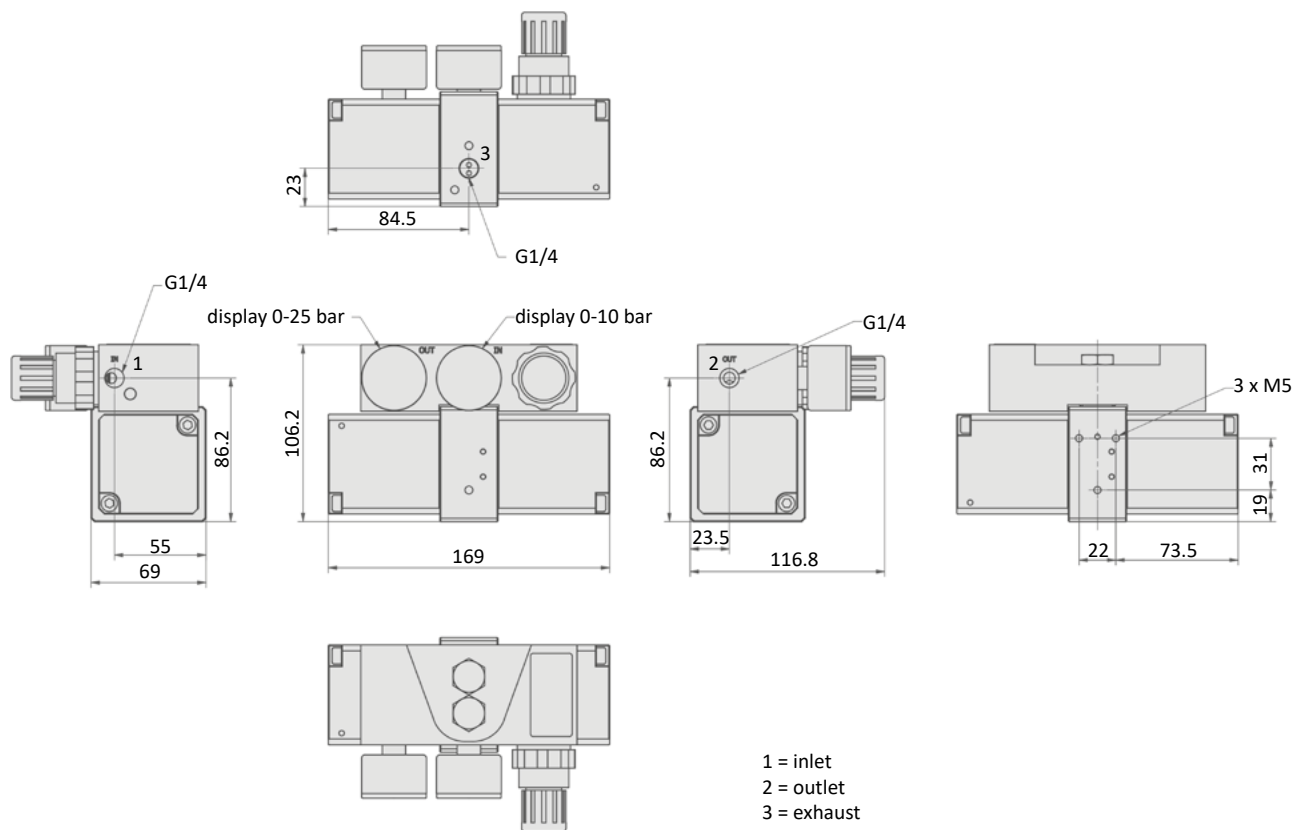
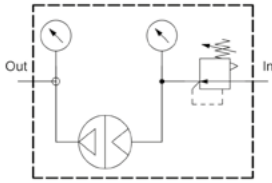


1 = inlet
2 = outlet
3 = exhaust

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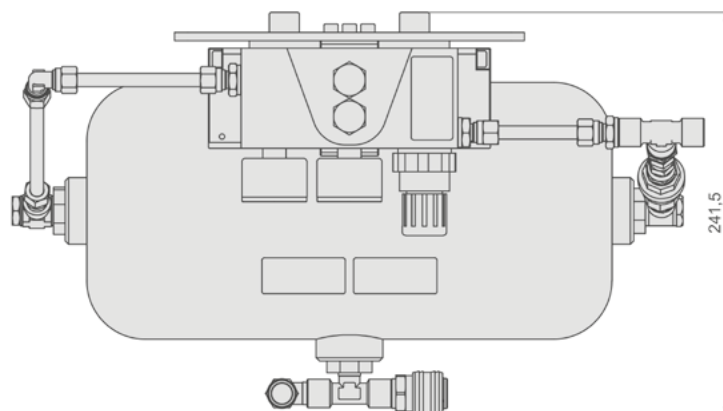
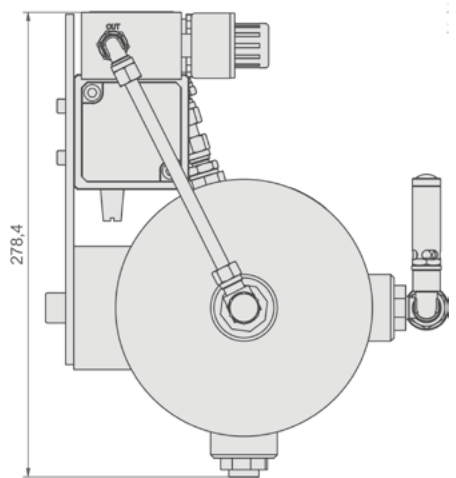
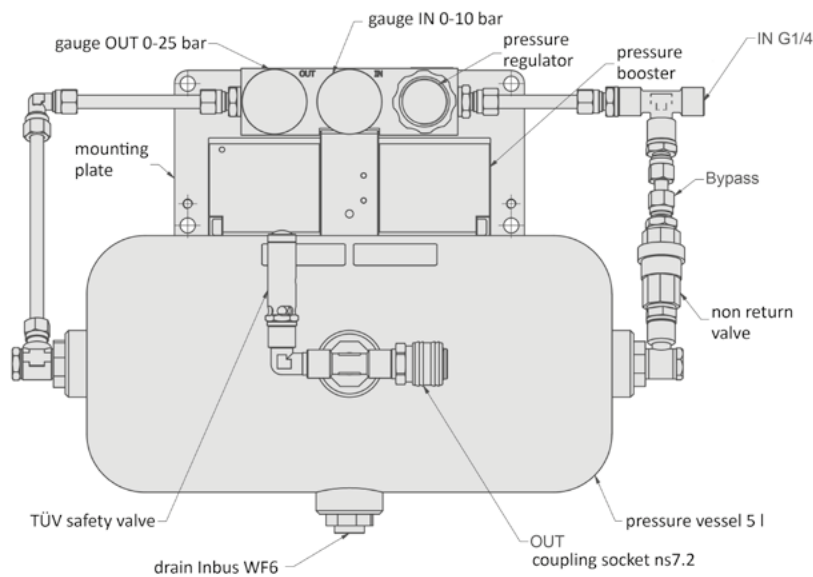
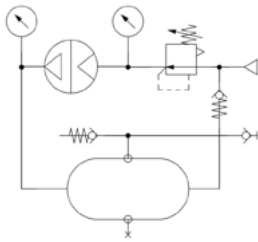


Dimensions 90-PB-050-18-1



Pressure booster 90-PB

Dimensions 90-PB-050-18-2



Pressure booster 90-PB

Mounting plate 90-PB-050-18-2

