



Pressure Booster

for mobile pressure tests

Application and function

The IGEMA Pressure Booster is used in conjunction with the CTU for higher mobile pressure tests on towed vehicles with pneumatic brake systems. This saves time-consuming adjustment work on the truck or the compressed air connections. The required supply pressure is preset via the pressure control valve and must not be changed.

It is a mechanical pressure booster to generate the increased supply pressure required by the CTU.

The compact design and operation without an external power supply enable flexible use and easy transport of the device, for example in the boot of a car.



IGEMA Pressure Booster

Technical properties

- Theoretical pressure amplification ratio of 1:2
- Safety valve to protect the CTU
- Fixed connection of the pressure outlet with hose line via quick-release coupling
NW 7.2
- Connection compatible with the version of the WABCO CTU Simulator 446 310 011 0
- Inlet connection via quick-release coupling
NW 7.2 with integrated sintered metal filter
- Hose length ~1m

Optional Versions

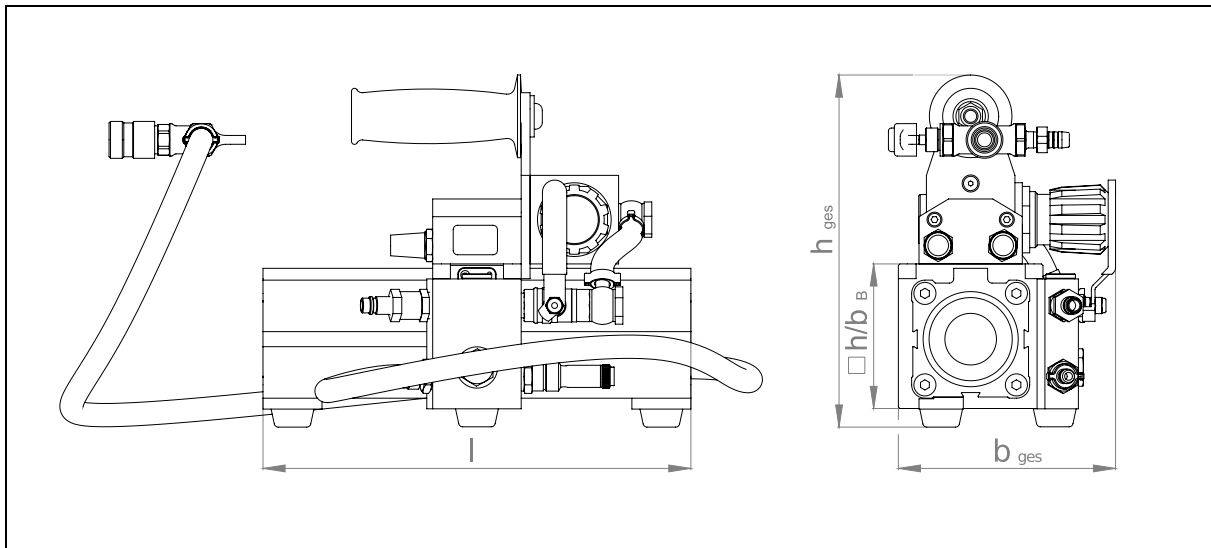
- Connection of a pressure gauge to the test connection of the output connection possible

Technical data

Limits of use AAPB	min.	max.
Inlet pressure – p_{on}	2 + (~) 0,5 bar 29 + (~) 7 psig	< 9,8 bar < 142 psig
Outlet pressure via safety valve - p_{off}	-	10,0 bar 145 psig

$P_{shall} > p_{on} > p_{off}$

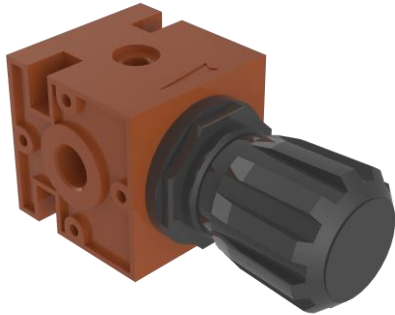
Dimensions



		[mm]	[inch]
Length	[l]	290	11 ³ / ₇
Total height	[h _{ges}]	240	9 ⁴ / ₉
Total width	[b _{ges}]	150	6
Height and width of the Booster	[□h/b _B]	98	3 ⁶ / ₇

Properties

The IGEMA pressure boosters are equipped with a pressure relief valve, safety valve and ball valve. For the connection to the CTU, there is a quick release coupling with a test connection for an additional pressure gauge on the pressure hose.



pressure relief valve



safety valve



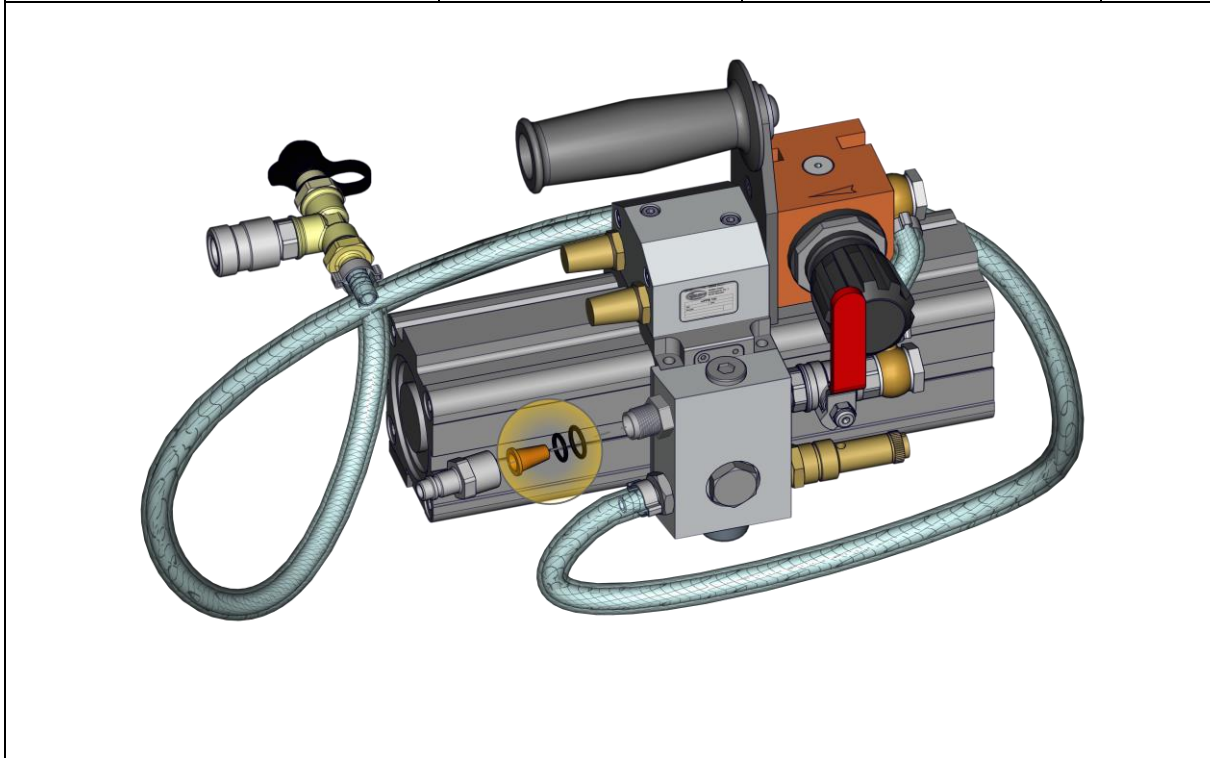
ball valve



quick-release coupling

Spare parts

Designation	Size	Article-No.	qty
Sintered metal filter package	forfilter Inlinefilter R $\frac{3}{8}$	on request	1



Digital documentation



Direct download



Product page on the Internet

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