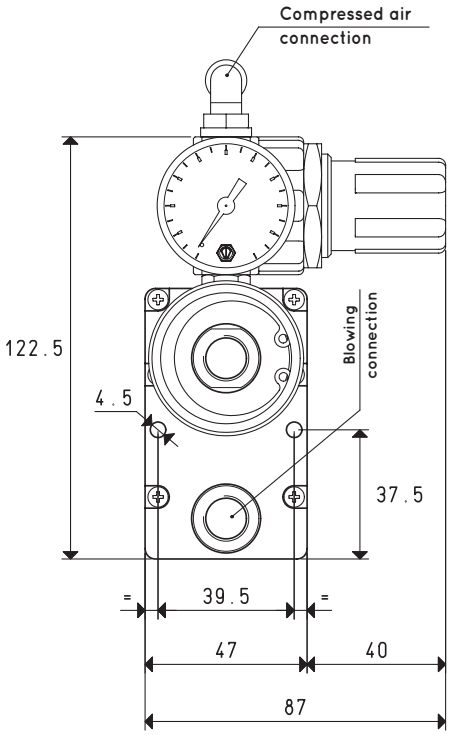
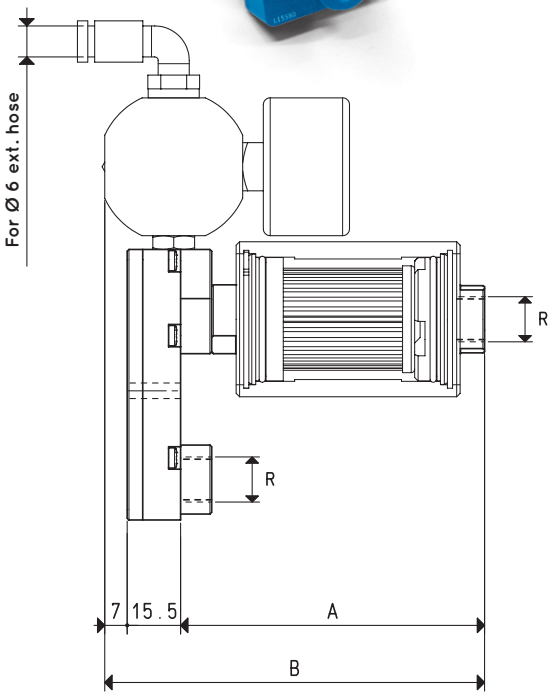
SMALL PNEUMATIC BLOWING PUMPS PS

The assembly of a pressure adjuster equipped with pressure gauge and of an FCL filter on the suction inlet connection of a vacuum generator of the M .. SSX range has allowed creating these small pneumatic suction pumps. Their main features include reduced overall dimensions compared to their technical performance.
The pressure and flow rate can be adjusted according to the supply air pressure.
These pumps are powered with compressed air with a pressure ranging from 1 to 5 bar and can produce a maximum pressure of 0.7 bar and a blowing flow rate between 2.7 and 31 m³/h, measured at a normal atmospheric pressure of 1013 mbar.
Based on the Venturi principle, they do not develop heat.
The filter equipped with microporous cartridge located on the air inlet connection can keep the finest dust and impurities.
Thanks to their static operating principle, maintenance is reduced to only a simple regular cleaning of the filter.





Item		PS 3				
Supply pressure	bar	1	2	3	4	5
Maximum blowing pressure	bar	0.1	0.2	0.3	0.5	0.7
Air consumption	Nl/s	0.2	0.4	0.5	0.7	0.8
Blown air flow rate	m³/h	2.7	3.9	4.8	5.9	6.5
A				88		
B				110.5		
R	Ø			G1/4"		
Weight	Kg			0.44		

Item		PS 7				
Supply pressure	bar	1	2	3	4	5
Maximum blowing pressure	bar	0.1	0.2	0.3	0.5	0.7
Air consumption	Nl/s	0.4	0.6	0.8	1.2	1.4
Blown air flow rate	m³/h	4.4	6.1	8.2	10.1	11.2
A				89		
B				111.5		
R				G3/8"		
Weight	Kg			0.45		
Operating temperature	°C	-20 / +80				

NOTE: All vacuum values indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.
Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard **ISO 8573-1 class 4**.

Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130