

SMALL PNEUMATIC SUCTION PUMPS PA



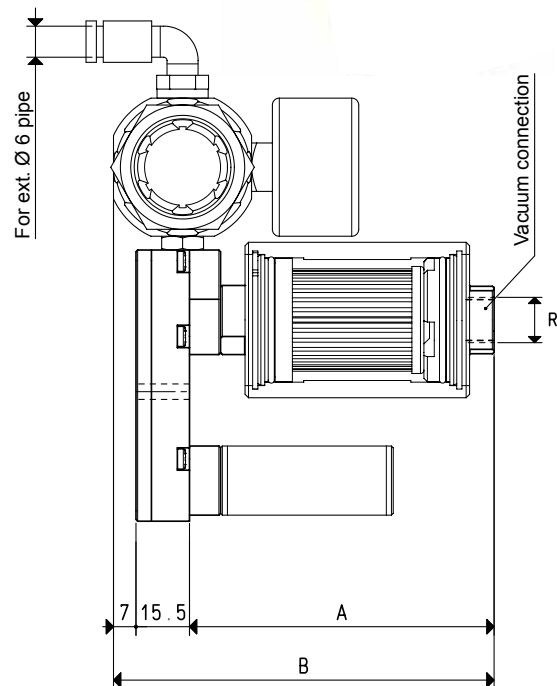
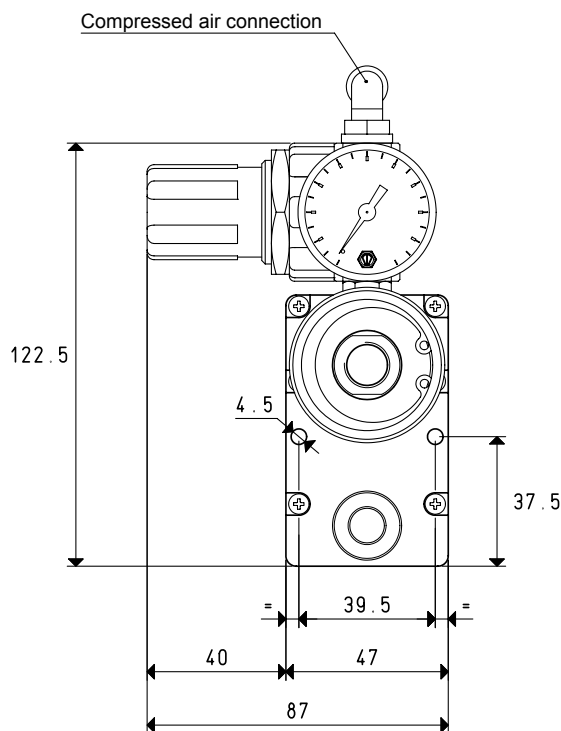
The assembly of a pressure adjuster equipped with pressure gauge and of an FCL filtre on the suction inlet connection of a vacuum generator of the M .. SSX range has allowed creating these small pneumatic suction pumps. Their main features include reduced overall dimensions compared to their technical performance.

The vacuum level and capacity can be adjusted according to the supply air pressure. These pumps are supplied by compressed air with a pressure ranging from 1 to 5 bar (g) and they can produce a maximum vacuum of 85% and a suction capacity between 2 and 18 cum/h, measured at a normal atmospheric pressure of 1013 mbar.

Being based on the Venturi principle, these pumps do not develop heat.

An SSX silencer screwed onto the pump exhaust ensures a silent operation. The filtre equipped with a microporous cartridge is located on the suction inlet connection and can keep the finest dust and impurities.

Thanks to their static operating principle, maintenance is reduced to a simple regular cleaning of the filtre.



Art.		PA 3				
Supply pressure	bar (g)	1	2	3	4	5
Max. vacuum level	-kPa	20	42	62	80	85
Air consumption	NI/s	0.2	0.4	0.5	0.7	0.8
Quantity of sucked air	cum/h	2.0	2.5	3.0	3.4	3.6
A				88		
B				110.5		
R	Ø			G1/4"		
Weight	Kg			0.45		
Art.		PA 7				
Supply pressure	bar (g)	1	2	3	4	5
Max. vacuum level	-kPa	20	42	62	80	85
Air consumption	NI/s	0.4	0.6	0.8	1.2	1.4
Quantity of sucked air	cum/h	3.0	4.0	5.4	5.8	6.2
A				89		
B				111.5		
R				G3/8"		
Weight	Kg			0.46		
Working temperature	°C			-20 / +80		

Note: All the values in the table are valid at a normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.

Conversion ratio: inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$

GAS-NPT thread adapters available at page 1.117