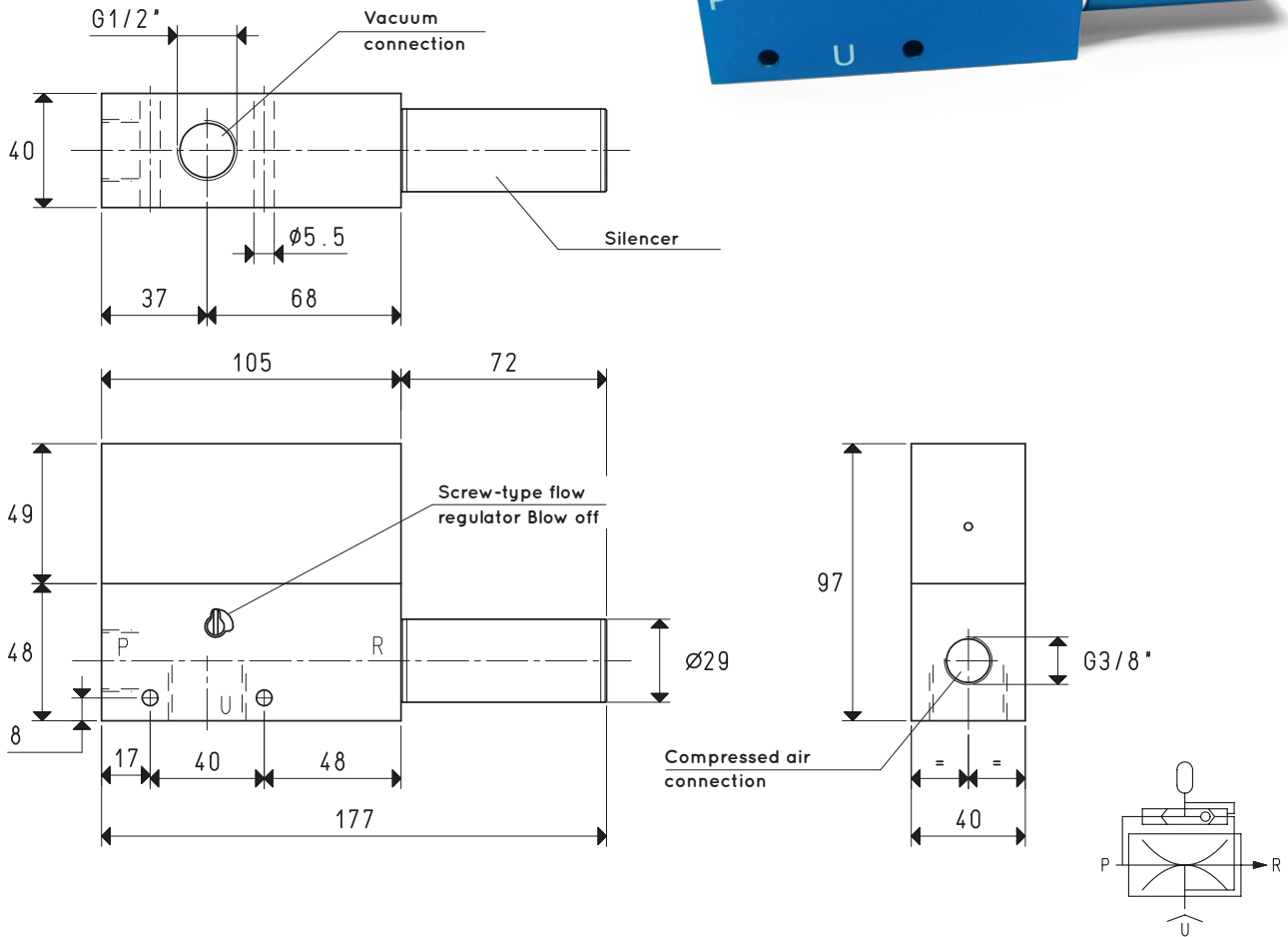


SINGLE-STAGE VACUUM GENERATOR WITH EJECTOR 15 06 08 SX and 15 06 10 SX



3D drawings are available on vuototecnica.net

These have the same technical features as 15 05 08 SX and 15 05 10 SX, with the addition of the pneumatic ejector. For the ejection system, air accumulated in a special chamber inside the generator body during the operating cycle is automatically discharged in connection to use U, once supply in P is completed and suitably dosed by means of a screw-type flow regulator, for quick restoration of the atmospheric pressure. Optimal supply pressure is less than 4 bar. A high acoustic dampening silencer, set on exhaust air discharge R, reduces noise to a minimum and is an integral part of the generator. These generators, like the previous ones, are also fully made with anodised aluminium.



P=COMPRESSED AIR CONNECTION R=EXHAUST U=VACUUM CONNECTION

Item		15 06 08 SX			15 06 10 SX		
		Intake air flow rate	m ³ /h	8.0	8.6	8.8	12.0
Maximum level of vacuum	-kPa	40	60	90	40	60	90
Final pressure	mbar abs.	600	400	100	600	400	100
Supply pressure	bar	2	3	3.5	2	3	3.5
Optimal supply pressure	bar			3.5			3.5
Air consumption	NI/s	2.8	3.8	4.3	3.7	5.0	5.5
Operating temperature	°C			-20 / +80			-20 / +80
Noise level at optimal supply pressure	dB(A)			60			63
Weight	g			310			306
Spare parts		15 06 08 SX			15 06 10 SX		
Sealing kit	item	00 15 414			00 15 414		
Silencer	item	SSX 3/8"			SSX 3/8"		

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)

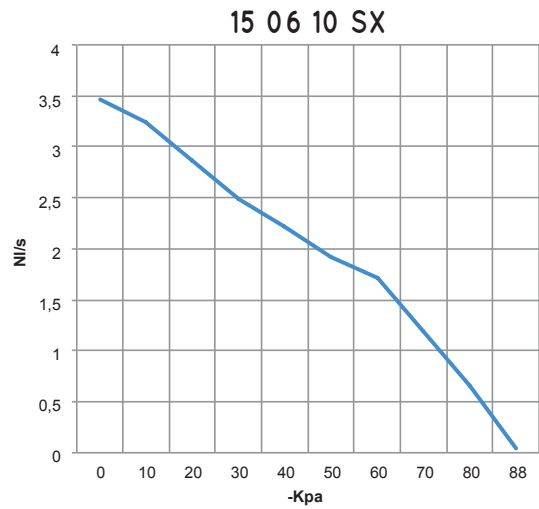
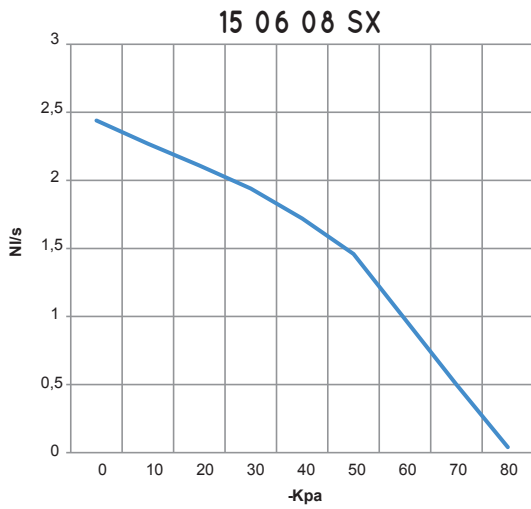
inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130



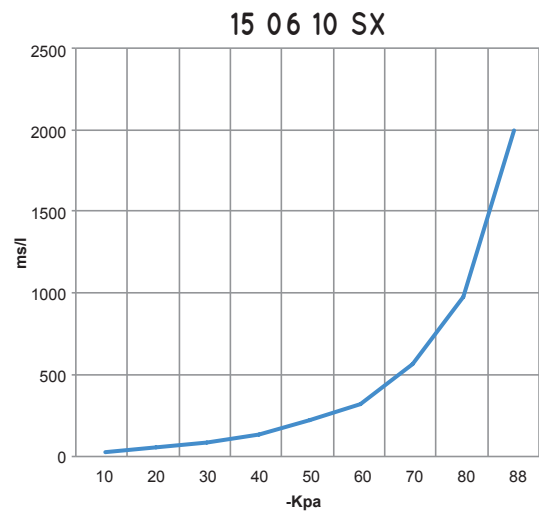
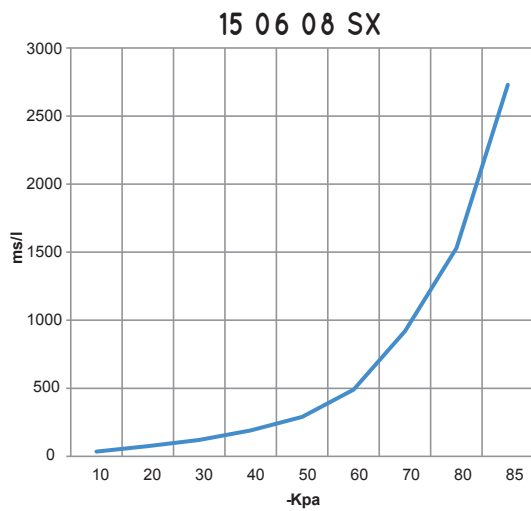
SINGLE-STAGE VACUUM GENERATOR WITH EJECTOR 15 06 08 SX and 15 06 10 SX

Air flow rate (NI/s) at different level of vacuum (-KPa) at optimal supply pressure



Generator item	Supp. press. bar	Air consumption NI/s	Air flow rate (NI/s) at different levels of vacuums (-KPa) at optimal supply pressure										Max vacuum -KPa
			0	10	20	30	40	50	60	70	80		
15 06 08 SX	3.5	4.3	2.44	2.27	2.11	1.94	1.72	1.46	0.98	0.50	0.04	90	
15 06 10 SX	3.5	5.5	3.47	3.24	2.86	2.49	2.22	1.92	1.72	1.20	0.65	90	

Evacuation rates (ms/l = s/m³) at different levels of vacuums (-KPa) at optimal supply pressure



Generator item	Supp. press. bar	Air consumption NI/s	Evacuation rates (ms/l = s/m³) at different levels of vacuums (-KPa) at optimal supply pressure										Max vacuum -KPa
			10	20	30	40	50	60	70	80	85		
15 06 08 SX	3.5	4.3	35	75	120	190	290	490	920	1530	2730	90	
15 06 10 SX	3.5	5.5	25	54	90	140	220	320	570	980	2012	90	