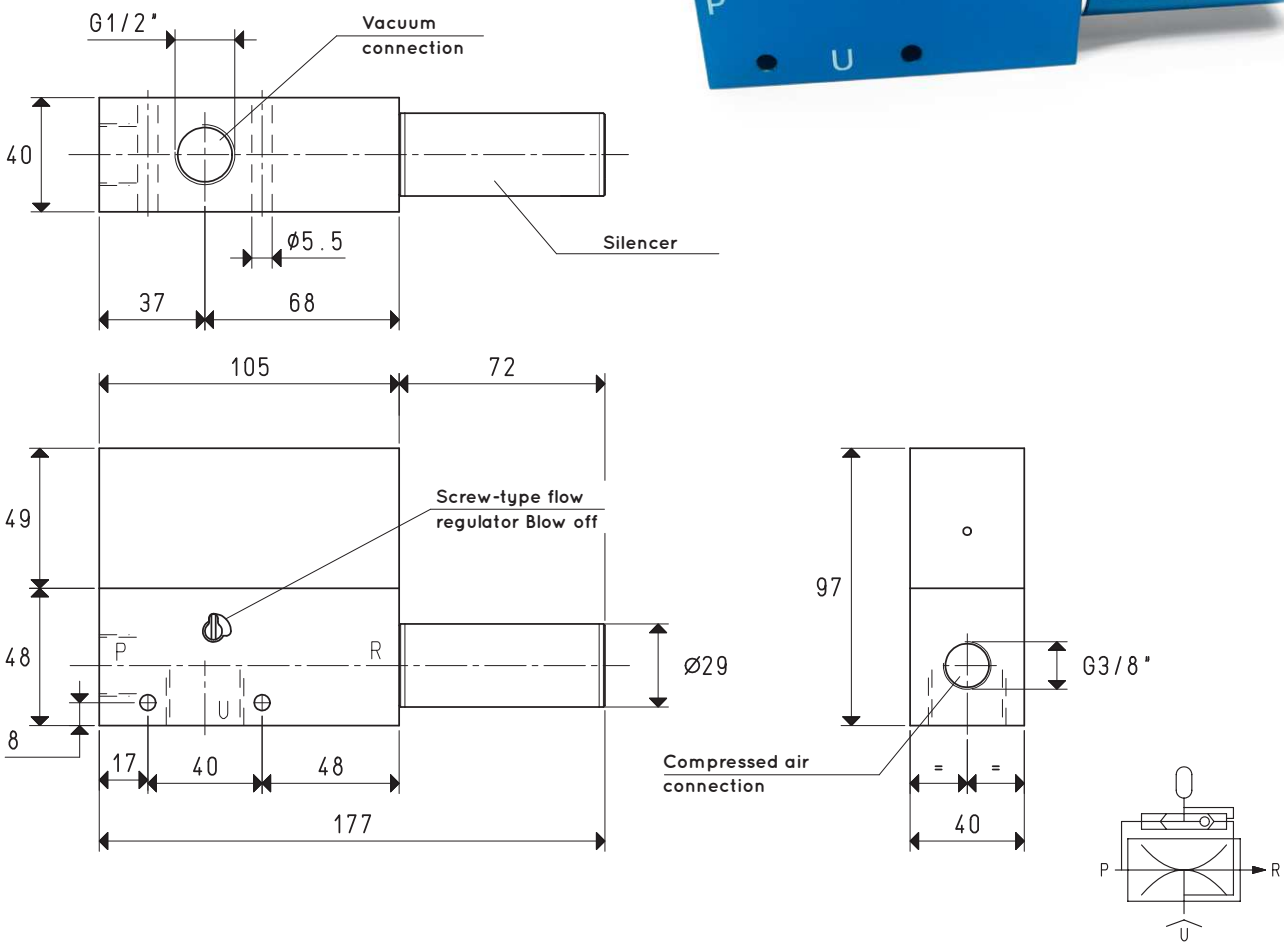
SINGLE-STAGE VACUUM GENERATOR WITH EJECTOR 15 06 08 SX and 15 06 10 SX

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	12.2	12.5
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	Nl/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

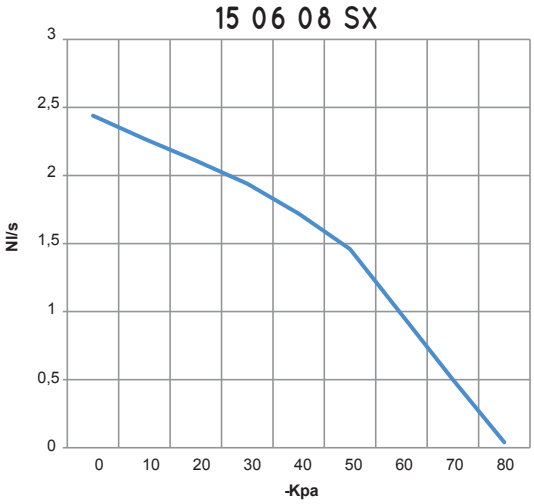
Spare parts		15 06 08 SX	15 06 10 SX
Sealing kit	item	00 15 414	00 15 414
Silencer	item	SSX 3/8"	SSX 3/8"

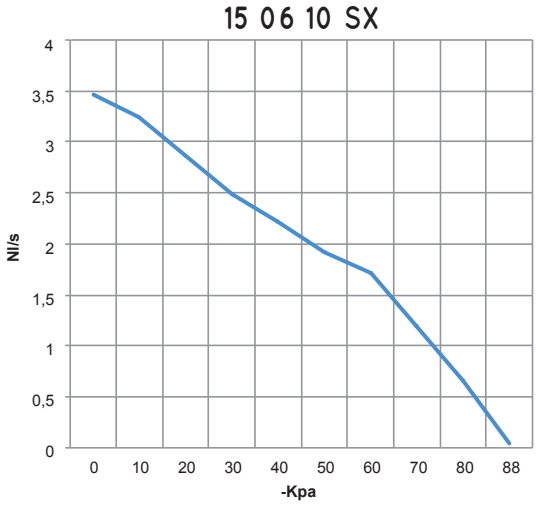
Note: All vacuum values indicated in the table are valid at the normal atmospheric pressure of 1013 mbar and obtained with a constant supply pressure.
Vacuum generator supply must be carried out with non-lubricated compressed air, 5 micron filtration, in accordance with standard **ISO 8573-1 class 4**.

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

Adapters for GAS - NPT threading available on page 1.130

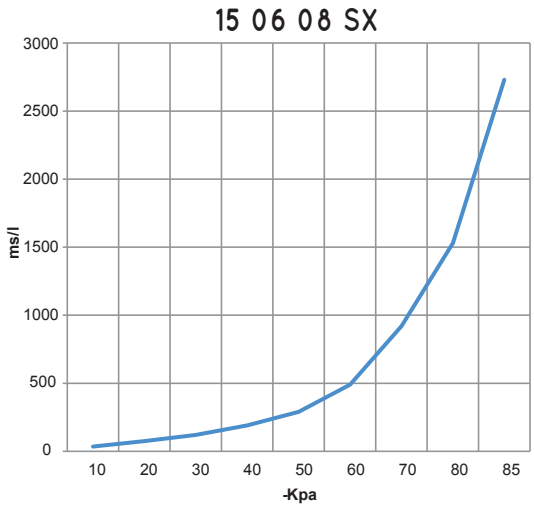
Air flow rate (Nl/s) at different level of vacuum (-KPa) at optimal supply pressure

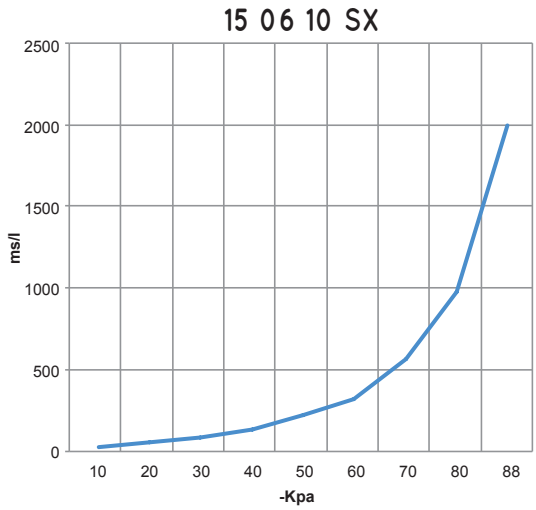




Generator item	Supp. press. bar	Air consumption Nl/s	Air flow rate (Nl/s) at different levels of vacuums (-KPa) at optimal supply pressure									Max vacuum
			0	10	20	30	40	50	60	70	80	-KPa
15 06 08 SX	3.5	4.3	2.44	2.27	2.11	1.94	1.72	1.46	0.98	0.50	0.04	90
15 06 10 SX	3.5	5.5	3.47	3.24	2.86	2.49	2.22	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 Nl/s	Evacuation rates (ms/l= s/m³) at different levels of vacuums (-KPa) at optimal supply pressure									Max vacuum
			10	20	30	40	50	60	70	80	85	-KPa
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