

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

Item		PVP 3		
Intake air flow rate	m ³ /h	3.4	3.5	3.7
Maximum level of vacuum	-KPa	60	70	85
Final pressure	mbar abs.	400	300	150
Supply pressure	bar	4	5	6
Optimal supply pressure	bar		6	6
Air consumption	NI/s	1.0	1.1	1.3
Operating temperature	°C			-20 / +80
Noise level at optimal supply pressure	dB(A)			80
Weight	g			100

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)

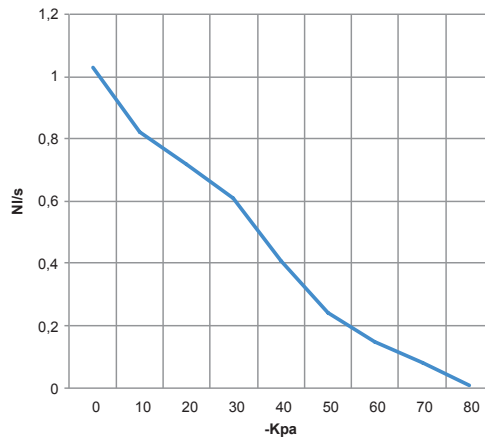
inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$

Adapters for GAS - NPT threading available on page 1.130



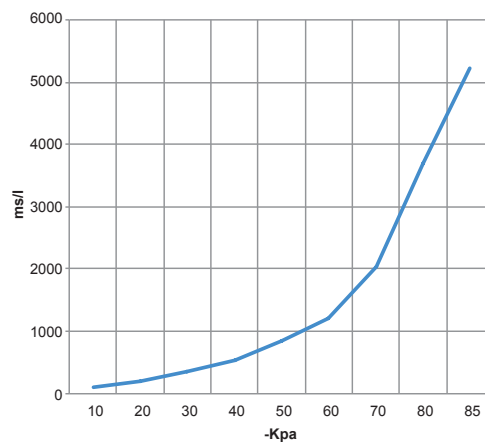
SINGLE-STAGE VACUUM GENERATOR PVP 3

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		
PVP 3	6.0	1.3	1.03	0.82	0.72	0.61	0.41	0.24	0.15	0.08	--	85	

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		
PVP 3	6.0	1.3	104	207	353	544	857	1217	2033	3684	5232	85	

ACCESSORIES UPON REQUEST

Silencer item SSX 1/8"

