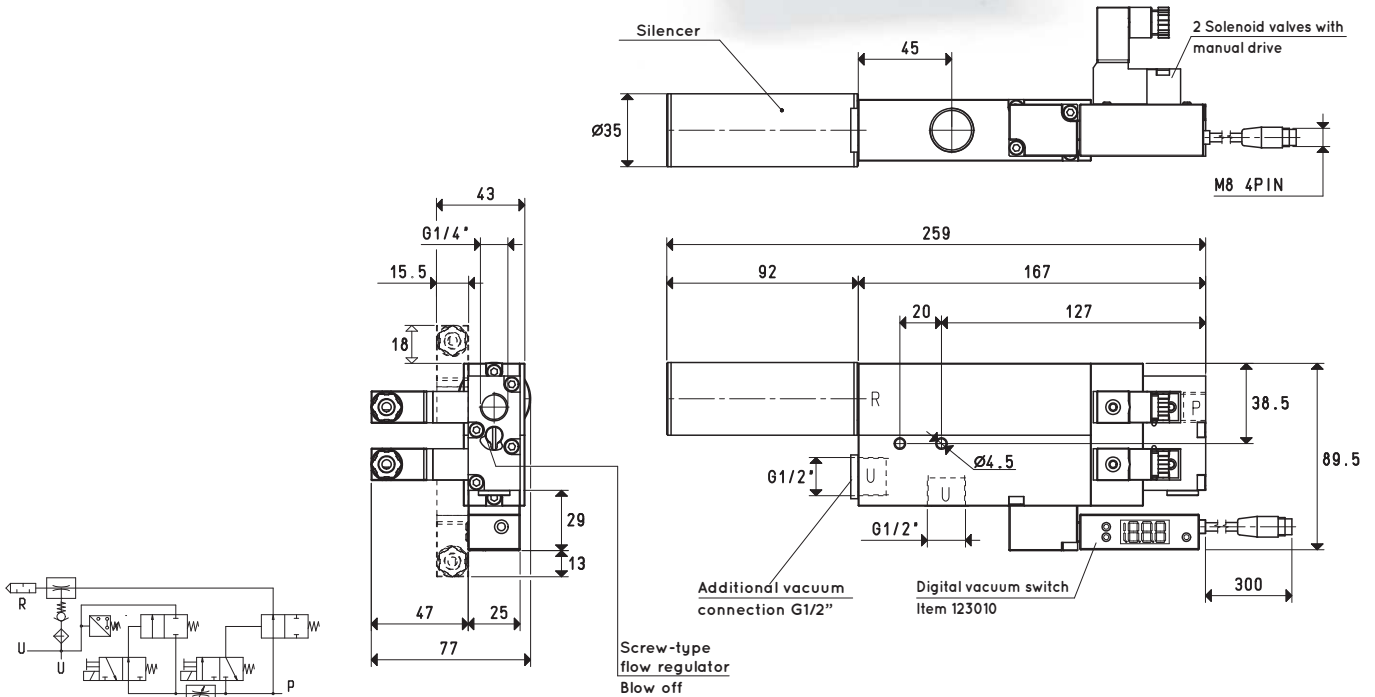




SINGLE-STAGE AND MULTI-FUNCTION VACUUM GENERATORS MSVE 20

3D drawings are available on vuototecnica.net



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

Item		MSVE 20		
Intake air flow rate	m ³ /h	18	19	20
Maximum level of vacuum	-KPa	40	60	90
Final pressure	mbar abs.	600	400	100
Supply pressure	bar	2	3	4
Air consumption	NI/s	4.9	6.6	8.0
Max quantity of air blown at 4 bar	l/min			650
Internal coaxial shutter position of supply				NO
Supply solenoid valve absorption	W			2.0
Internal coaxial shutter position of ejection				NC
Ejection solenoid valve absorption	W			2.0
Supply voltage	V			24DC
Vacuum switch output				PNP
Degree of protection	IP			40
Temperature of use	°C			-10 / +60
Noise level at optimal supply pressure	dB(A)			70
Weight	kg			1.04
Spare parts		MSVE 20		
Digital vacuum switch	item		12 30 10	
NO supply solenoid valve	item		00 07 304	
NC supply and blowing solenoid valve	item		00 15 447	
Silencer	item		SSX 1/2"	

Note: To order a generator with NC supply coaxial shutter, use item code MSVE..NC.

To order a generator without a digital vacuum switch, use item code MSVE..SV.

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.

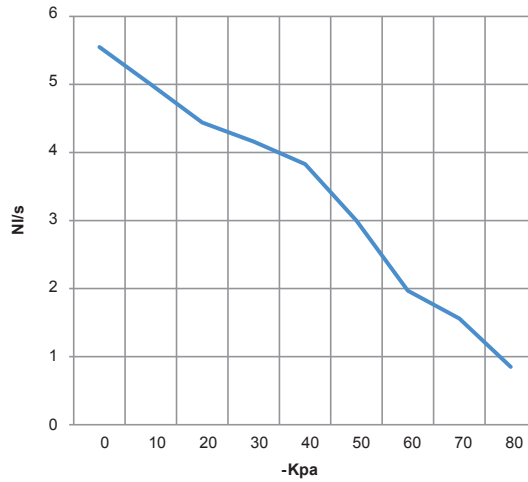
Transformation ratio: N (newton) = Kg x 9.81 (force of gravity)

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

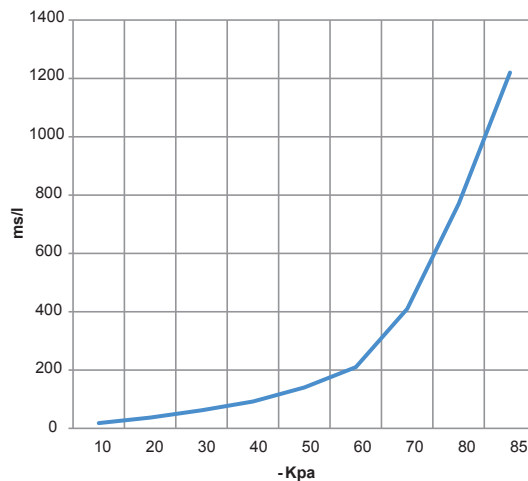


Air flow rate (NI/s) at different level of vacuum (-KPa) at optimal supply pressure



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	
MSVE 20	4	8	5.55	5.00	4.44	4.16	3.83	3.00	1.97	1.56	0.85	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	
MSVE 20	4	8	18	37	62	92	140	210	410	770	1220	90