

SINGLE-STAGE VACUUM GENERATORS 15 01 10 and 15 03 10

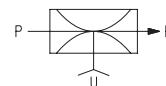
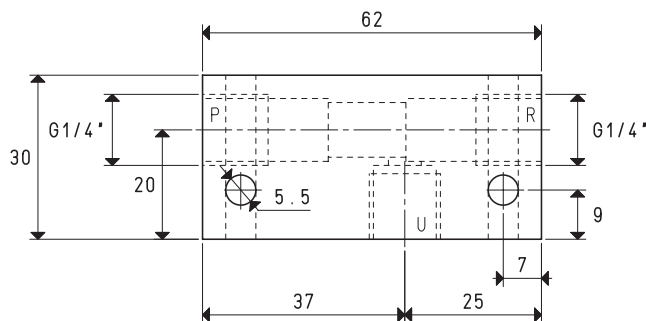
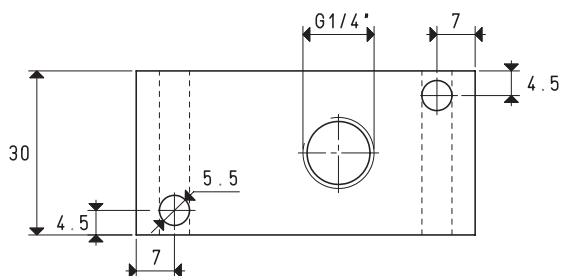
Single-stage vacuum generator operation is based on the Venturi principle.

Supplying the generator with compressed air in P, vacuum will be generated at connection U, while both the supply and the sucked air will be released through R.

By interrupting the air supply in P, the vacuum effect in U will also stop.

Vacuum generators 15 01 10 and 15 03 10 are generally used for controlling vacuum cups, for gripping and handling non-porous objects and equipment with low capacity requirements.

They are fully made with anodised aluminium.



P=COMPRESSED AIR CONNECTION

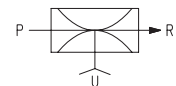
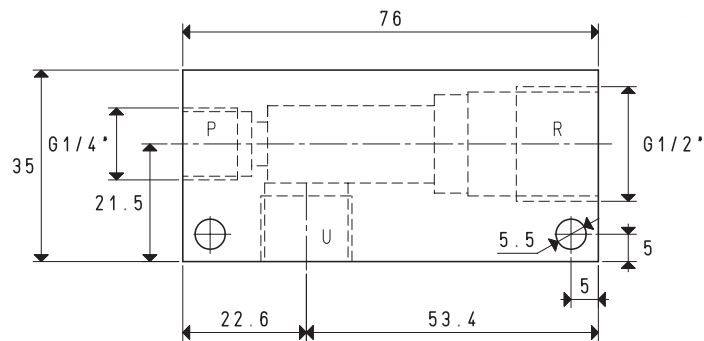
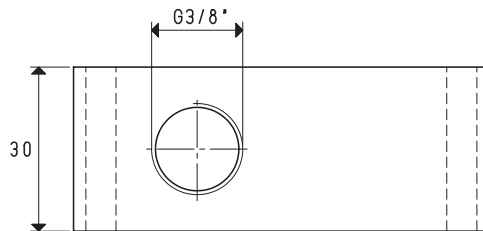
R=EXHAUST

U=VACUUM CONNECTION

Art.		15 01 10	15 03 10	15 05 10
Quantity of sucked air	cum/h	2.7	2.8	2.8
Max. vacuum level	-KPa	55	70	83
Final pressure	mbar abs.	450	300	170
Supply pressure	bar (g)	4	5	6
Air consumption	NI/s	0.7	0.8	0.9
Working temperature	°C			-20 / +80
Noise level	dB(A)			63
Weight	g			140

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

SINGLE-STAGE VACUUM GENERATORS 15 03 10



P=COMPRESSED AIR CONNECTION

R=EXHAUST

U=VACUUM CONNECTION

Art.		15 03 10
Quantity of sucked air	cum/h	4.8 5 5
Max. vacuum level	-kPa	62 78 85
Final pressure	mbar abs.	380 220 150
Supply pressure	bar (g)	4 5 6
Air consumption	NI/s	1.3 1.6 1.8
Working temperature	°C	-20 / +80
Noise level	dB(A)	79
Weight	g	179

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