

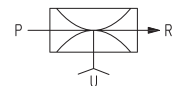
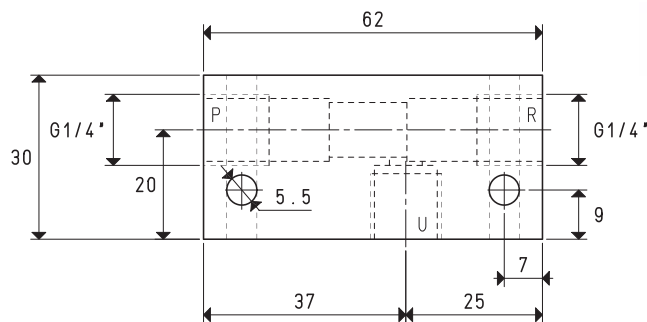
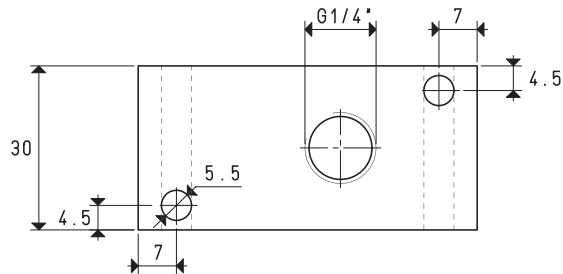
Single-stage vacuum generator operation is based on the Venturi principle.

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
Quantity of sucked air	cum/h	2.7	2.8
Max. vacuum level	-kPa	55	70
Final pressure	mbar abs.	450	300
Supply pressure	bar (g)	4	5
Air consumption	l/s	0.7	0.8
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.

Conversion ratio: inch = $\frac{\text{mm}}{25.4}$; pounds = $\frac{\text{g}}{453.6} = 0.4536$

GAS-NPT thread adapters available at page 1.117