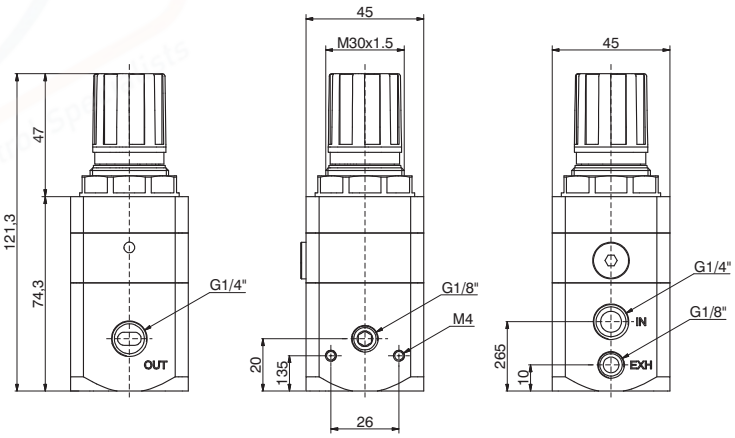
Manual regulator Series 1700

Vacuum degree regulation for applications requiring high stability and accuracy.

It have the function of regulating the negative vacuum pressure, keeping it stable at set value regardless of flow and variations in the degree of vacuum in the primary network. The units are of a double diaphragm construction and have been designed to exploit to their advantage any existing pressure differential between the secondary depression and atmospheric pressure. The degree of vacuum is obtained by rotating the adjusting knob, rotating it clockwise to increase the amount of vacuum and anti clockwise to decrease it. They are used in all centralized systems where regardless of the vacuum in the main network a lower vacuum level is required for other applications.

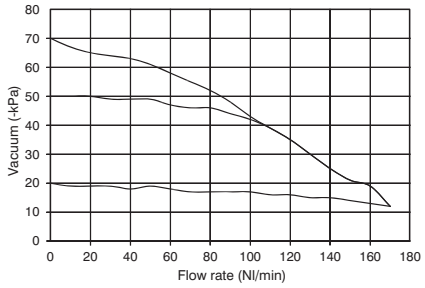
Regulator for vacuum



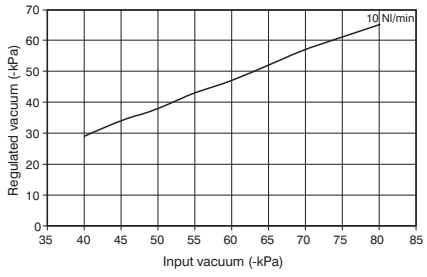
Ordering code
171S2B000V

Example: 171S2B000V
Regulator for vacuum G1/4"

Flow rate chart



Adjustment characteristic



Construction characteristics

- Precision in keeping the set pressure value.
- Sensitivity combined with high flow rate of the downstream overpressure discharge valve.
- High flow rate with very low pressure drop.
- Setting knob can be locked using pressure into the desired position.
- Body made of light alloy.
- Two attachments for vacuum gauge with a cap equipped with a gasket.
- Ring nut for panel mounting.
- Once the reducer has been placed under vacuum, air intake through the appropriate orifice.

Technical characteristics

Connections	G1/4"
Max. working pressure (-kPa)	101
Working temperature °C	-5 ... +50
Pressure gauge connections	G1/8"
Weight (gr.)	400
Mounting position	indifferent
Max. fitting torque (Nm)	25
Fluid	Filtered air 20μm
Diameter of panel mounting orifice (mm)	30