



REGULATORS FOR ROUGH VACUUM LEVELS

The regulators on this page are based on the same operation principle as the ones described in the previous page and have the same function. The only difference is that in these ones the minimum adjustable level of vacuum is close to the atmospheric pressure value.

The level of vacuum is adjusted manually by turning the knurled thumb screw clockwise to increase it, and counter clockwise to decrease it.

Technical features

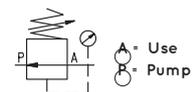
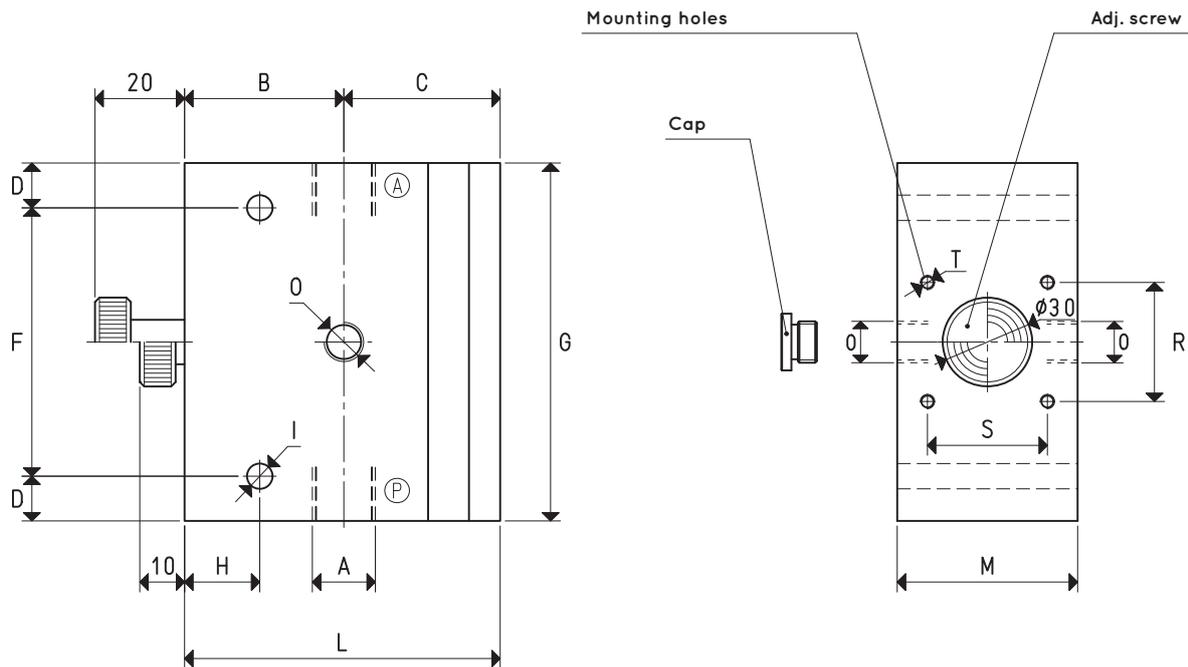
- Operation: membrane-piston regulator.
- Adjustable operating pressure: from 980 to 1 mbar abs.
- Flow rate: from 20 to 160 m³/h.
- Room temperature: from -10 to +80 °C.
- Installation position: any.

Usage

These regulators are used as the previously described ones, but they offer the additional advantage of regulating even levels of vacuum close to the atmospheric pressure.



3D drawings are available on vuotecnica.net



Item	A Ø	Max capac. m ³ /h	B	C	D	F	G	H	I Ø	L	M	O Ø	R	S	T	Weight Kg
11 03 50	G1/2"	20	53	52.0	15	90	120	25	8.5	105.0	60	G1/4"	38	34	M4	2.07
11 05 50	G1"	80	60	58.0	15	90	120	30	8.5	118.0	100	G1/4"	38	34	M5	3.74
11 06 50	G1" 1/2	160	54	77.5	15	130	160	20	8.5	131.5	99	G1/4"	50	50	M6	5.54

Accessories and Parts		11 03 50	11 05 50	11 06 50
Sealing kit	item	00 11 119	00 11 120	00 11 121
Vacuum gauge	item	09 03 10	09 03 10	09 03 10
Vacuum switch	item	12 40 10	12 40 10	12 40 10

Note: The vacuum gauges and vacuum switches are not integral parts of the regulators and, therefore, must be ordered separately.

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

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

Adapters for GAS - NPT threading available on page 1.134