



VACUUM ADJUSTMENT VALVES

When these valves reach a certain pre-calibrated vacuum degree, they introduce atmospheric air into the circuit to prevent the increase of the set value and to keep it constant.

They can be used as regulators only on circuits having only one vacuum pump and only one use (or more uses but all working at the same vacuum degree).

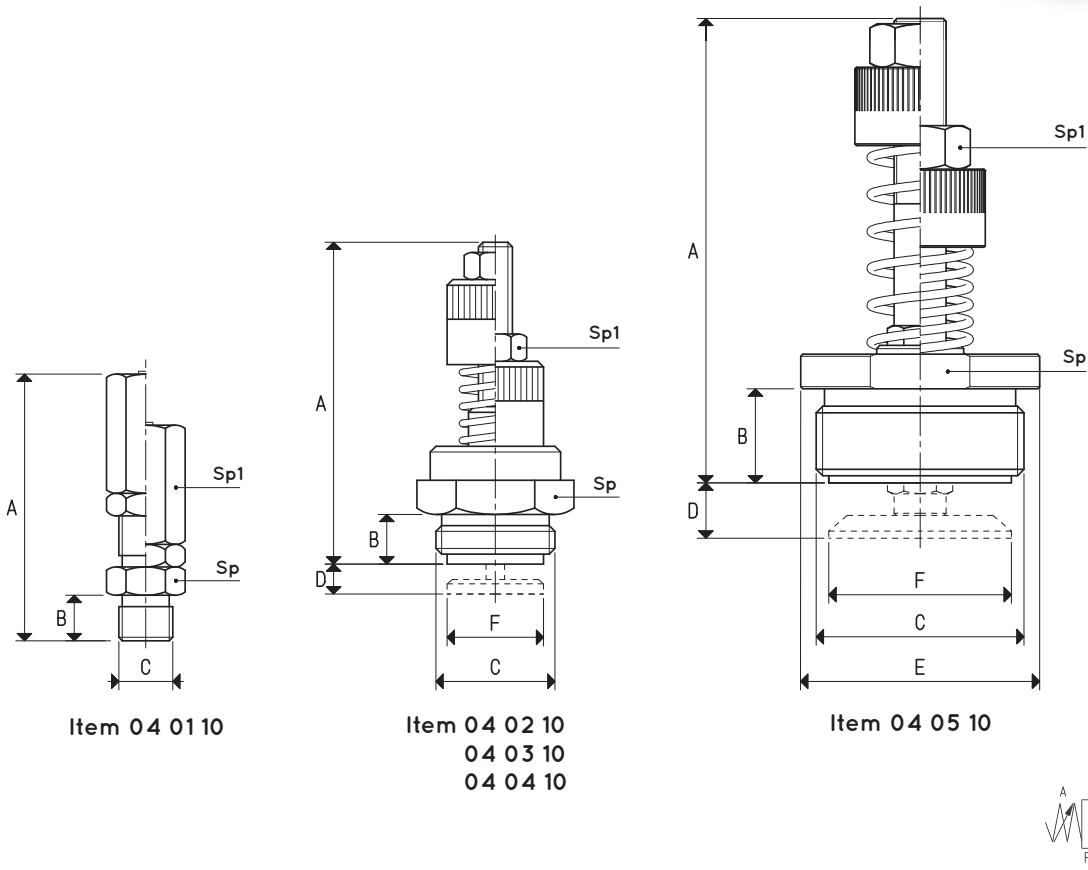
In most cases, they are used as safety valves on non-commissioned tanks or containers at high levels of vacuum and on vacuum cup lifting systems.

The level of vacuum is adjusted by rotating the knurled bush in both directions. The fine thread with which the valve is provided ensures a very accurate calibration.

The temperature values within which the valves can operate go from -20 °C to +120 °C.



3D drawings are available on vuotecnica.net



Item	Vacuum adj. mbar abs.	A	B	C Ø	D	E Ø	F Ø	Sp	Sp1	Material	Max flow rate of the pump m³/h	Weight g
04 01 10	670 ÷ 1	45	8	G1/8"	-	-	-	12	12	nickel-plated brass	4	30
04 01 10 I	670 ÷ 1	45	8	G1/8"	-	-	-	12	12	stainless steel	4	30
04 02 10	670 ÷ 1	57	9	G1/2"	5	-	17	24	10	nickel-plated brass	20	78
04 02 10 I	670 ÷ 1	57	9	G1/2"	5	-	17	24	10	stainless steel	20	78
04 03 10	670 ÷ 1	60	11	G3/4"	5	-	23	30	17	nickel-plated brass	60	150
04 03 10 I	670 ÷ 1	60	11	G3/4"	5	-	23	30	17	stainless steel	60	150
04 04 10	670 ÷ 1	65	14.5	G1"	7	-	29	35	17	nickel-plated brass	100	212
04 04 10 I	670 ÷ 1	65	14.5	G1"	7	-	29	35	17	stainless steel	100	212
04 05 10	670 ÷ 1	104	22	G1" 1/2	15	55	42	50	20	nickel-plated brass	250	490
04 05 10 I	670 ÷ 1	104	22	G1" 1/2	15	55	42	50	20	stainless steel	250	490

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 1.130