

piINLINE® vacuum generator MICRO Ti, 6-6 mm

Item number: 01.22.022



- Patented COAX® cartridge technology.
- High vacuum flow capacity in relation to energy consumption.
- Low weight inline design with push-in fittings.
- Quick and easy installation directly on the hose.
- Si/Ti cartridge at 87 psi for extra vacuum flow.
- Bi cartridge for high performance at low pressure.
- Ti/Xi cartridge at 58/72.5 psi when high flow and deep vacuum is needed.

Technical data

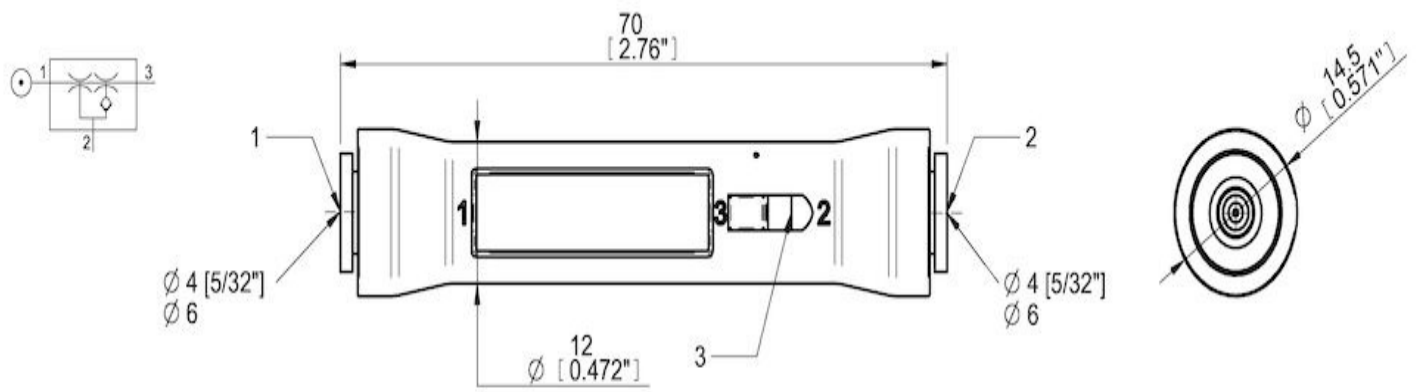
Description	Unit	Value
Material	-	CuZn, Nitrile (NBR), PA, SS, TPE
Temperature, max.	°F	176.0
Temperature, min.	°F	14.0
Weight, min.	oz	0.35
Feed pressure, max.	psi	0.10
Noise level, max.	dBA	85
Noise level, min.	dBA	74

Performance

Feed pressure	Air consumption	Vacuum flow (scfm) at different vacuum levels (-inHg)													Max vacuum
psi	scfm	0	2	5	8	11	14	17	20	23	26	29	32	35	psi
65.25	0.61	0.10	0.092	0.074	0.053	0.032	0.024	0.018	0.0089	0	0.0021	0	0	0	≥12.18
87.0	0.78	0.10	0.089	0.077	0.062	0.047	0.030	0.014	0.0068	0	0	0	0	0	≥11.46

Feed pressure	Air consumption	Evacuation time (s/cf) to reach different vacuum levels (-inHg)													Max vacuum
psi	scfm	2	5	8	11	14	17	20	23	26	28	29	29	29	psi
65.25	0.61	0.089	0.19	0.33	0.53	0.84	1.28	1.93	3.40	0	0	0	0	0	≥12.18
87.0	0.78	0.092	0.20	0.32	0.48	0.71	1.093	1.93	0	0	0	0	0	0	≥11.46

Dimensional drawings



Values specified in this datasheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] $\pm$ 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] $\pm$ 1.0 kPa [0.3 inHg]).
- Compressed air quality, DIN ISO 8573-1 class 4.

Tolerance and accuracy:

- Feed pressure tolerance $\pm$ 0.02 MPa [2.9 psi]
- Vacuum flow/evacuation time accuracy $\pm$ 10%.

Accessories

01.23.093 | Snap-in piINLINE® 5x MICRO mounting bracket