

piINLINE® vacuum generator MICRO Xi, 6-6 mm

Item number: 01.22.884



- 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

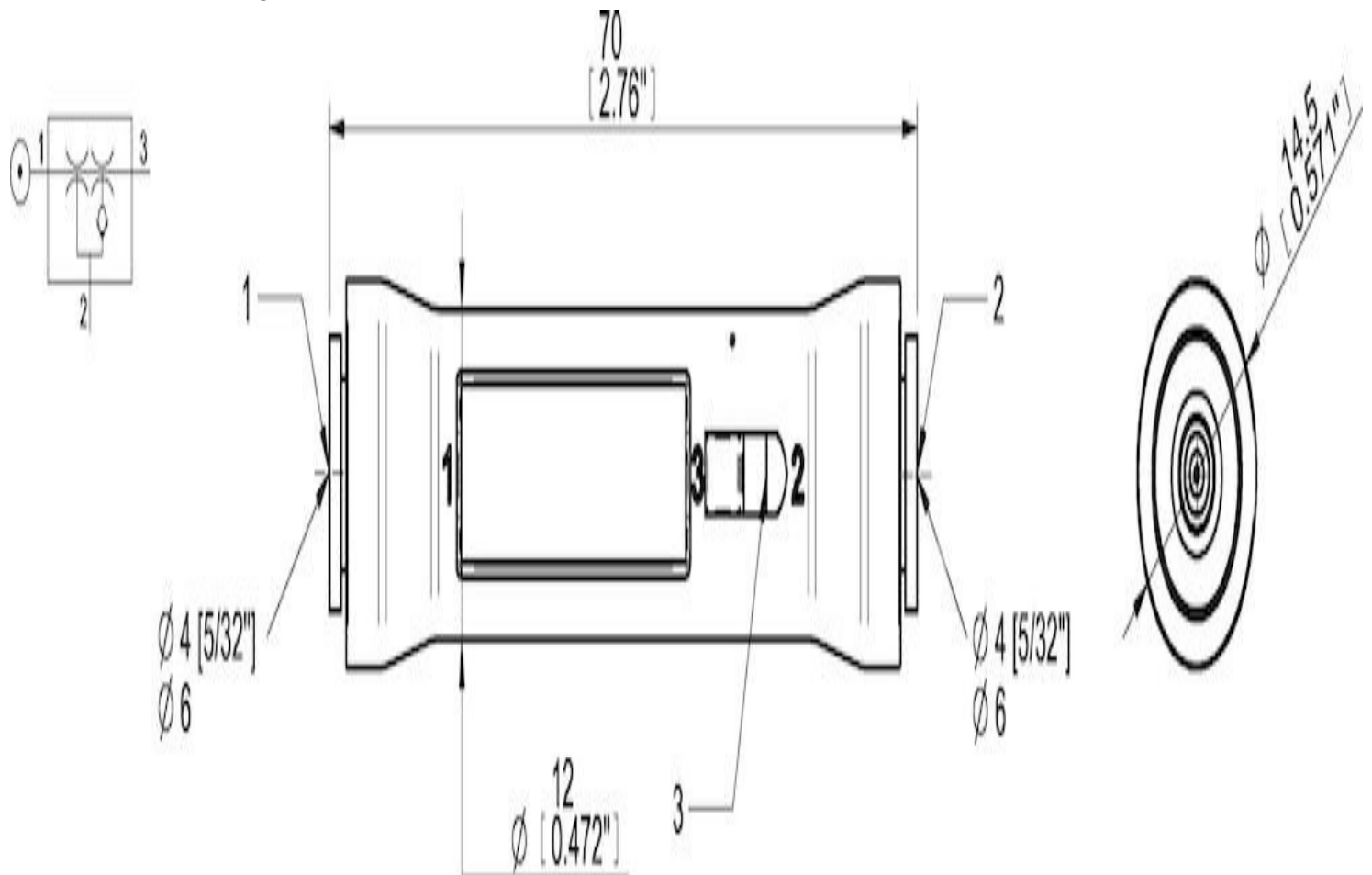
Description	Unit	Value
Material	-	CuZn, Nitrile (NBR), PA, SS, TPE
Temperature, max.	°F	176.0
Temperature, min.	°F	14.0
Weight, min.	oz	0.35
Feed pressure, max.	psi	0.10
Noise level, max.	dBA	76
Noise level, min.	dBA	70
Length (A)	in	2.76

Performance

Feed pressure psi	Air consumption scfm	Vacuum flow (scfm) at different vacuum levels (-inHg)													Max vacuum psi
		0	2	5	8	11	14	17	20	23	26	29	32	35	
72.5	0.28	0.069	0.044	0.023	0.013	0.011	0.0089	0.0068	0.0038	0	0.0021	0	0	0	≥13.20

Feed pressure psi	Air consumption scfm	Evacuation time (s/cf) to reach different vacuum levels (-inHg)													Max vacuum psi
		2	5	8	11	14	17	20	23	26	28	29	29	29	
72.5	0.28	0.15	0.41	0.89	1.63	2.53	3.64	5.25	8.11	0	0	0	0	0	≥13.20

Dimensional drawings



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

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

Tolerance and accuracy:

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

Accessories

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