

piINLINE® vacuum generator MINI Si, 8-8 mm

Item number: 01.22.896



- Patented COAX® cartridge technology.
- High vacuum flow capacity in relation to energy consumption.
- Low weight inline design with push-in fittings for vacuum and compressed air.
- Quick and easy installation directly on the hose.
- Si cartridge for extra vacuum flow.
- Pi cartridge for high performance at low feed pressures.
- Xi cartridge when high flow and deep vacuum is needed.

Technical data

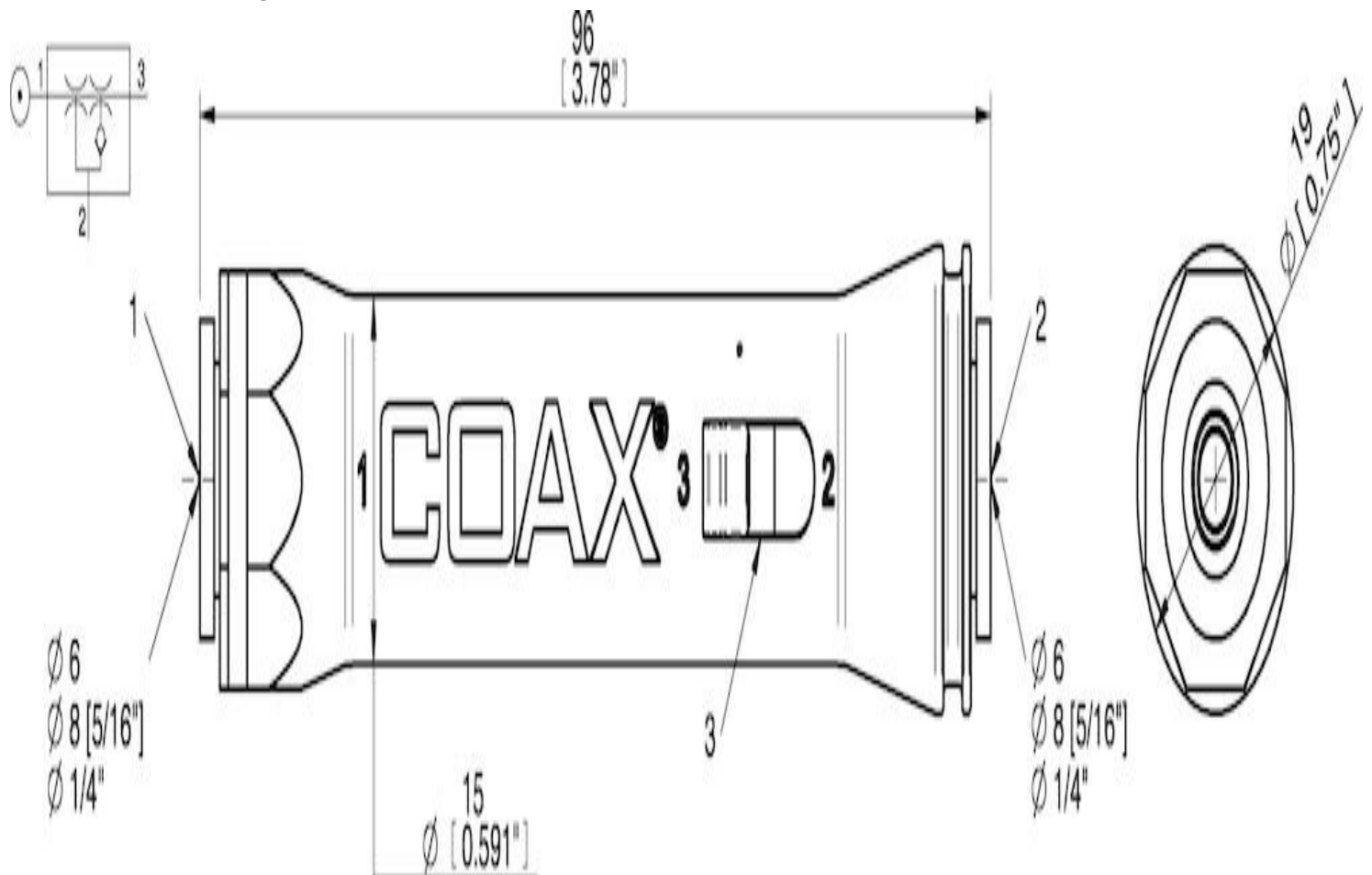
Description	Unit	Value
Material	-	CuZn, Nitrile (NBR), PA, SS
Temperature, max.	°F	176.0
Temperature, min.	°F	14.0
Weight, min.	oz	0.77
Feed pressure, max.	psi	0.10
Noise level, max.	dBA	84
Noise level, min.	dBA	68
Air consumption	scfm	25.7 l/m (.9 scfm)
Diameter	in	0.75
Diameter	in	0.31
Diameter	in	0.31
Length (A)	in	3.78

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	
87.0	0.93	0.20	0.16	0.12	0.083	0.068	0.047	0.035	0.024	0	0	0	0	0	≥10.88

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	
87.0	0.93	0.047	0.11	0.19	0.32	0.41	0.62	0.92	0	0	0	0	0	0	≥10.88

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

- 01.23.094 | Snap-in piINLINE® 4x MINI mounting bracket
- 01.25.466 | Silencer piINLINE® MINI
- 01.26.009 | Snap-in piINLINE® 1x MINI mounting bracket for silencer