

piINLINE® vacuum generator MIDI Si, 8-12 mm

Item number: 01.22.032



- 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

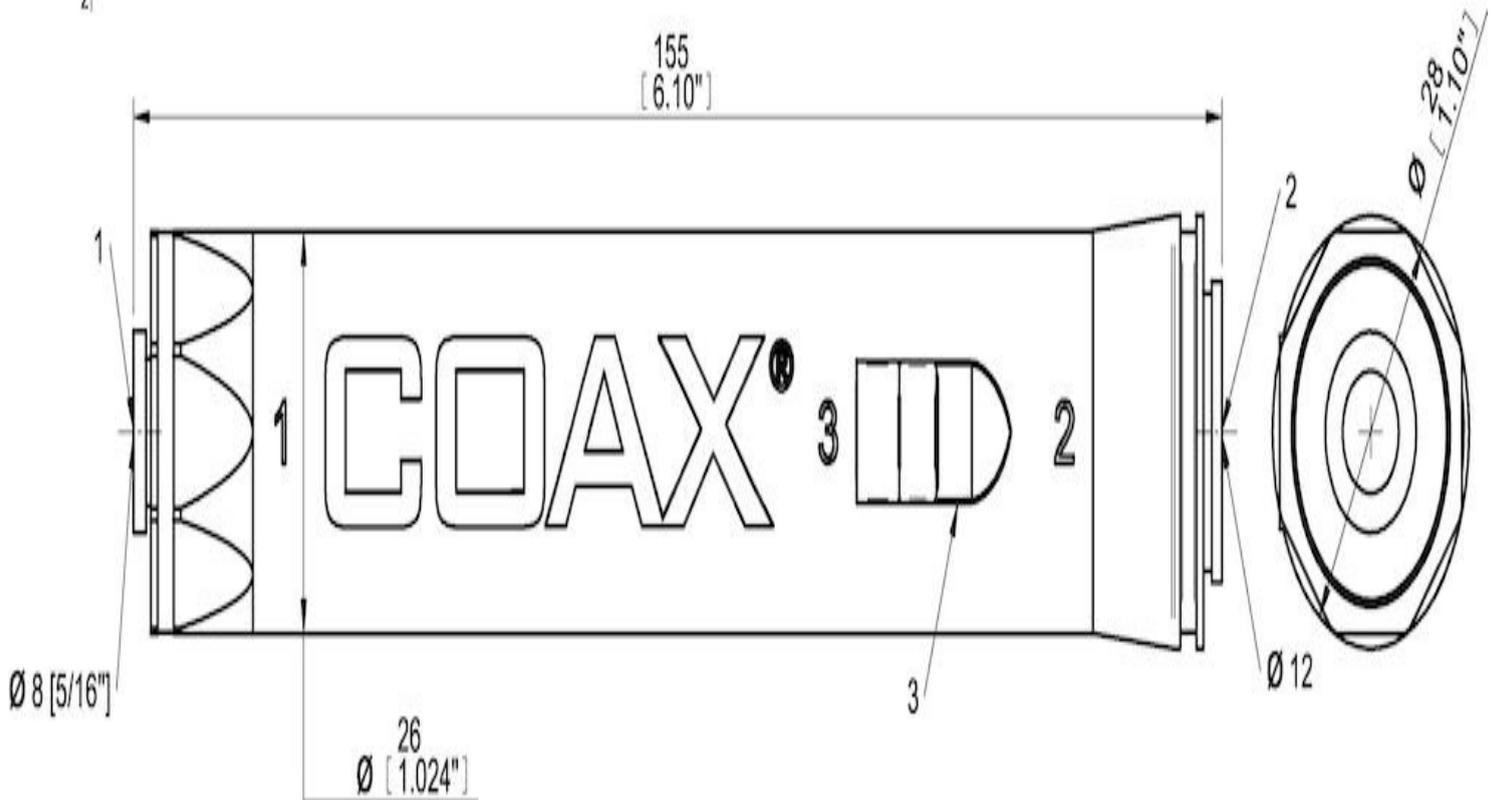
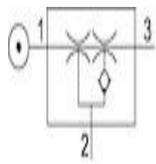
Description	Unit	Value
Material	-	CuZn, Nitrile (NBR), PA, SS
Temperature, max.	°F	176.0
Temperature, min.	°F	14.0
Weight, min.	oz	3.068
Feed pressure, max.	psi	0.10
Noise level, max.	dBA	98
Noise level, min.	dBA	90
Length (A)	in	6.10

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	3.71	0.92	0.74	0.56	0.35	0.21	0.18	0.15	0.10	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	3.71	0.012	0.024	0.041	0.074	0.12	0.17	0.24	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

- 01.23.031 | Silencer piINLINE® MIDI
- 01.23.095 | Snap-in piINLINE® 1x MIDI mounting bracket
- 01.23.096 | Snap-in piINLINE® 1x MIDI mounting bracket for silencer