

piINLINE® vacuum generator MIDI Xi, 8-12 mm

Item number: 01.22.900



- 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

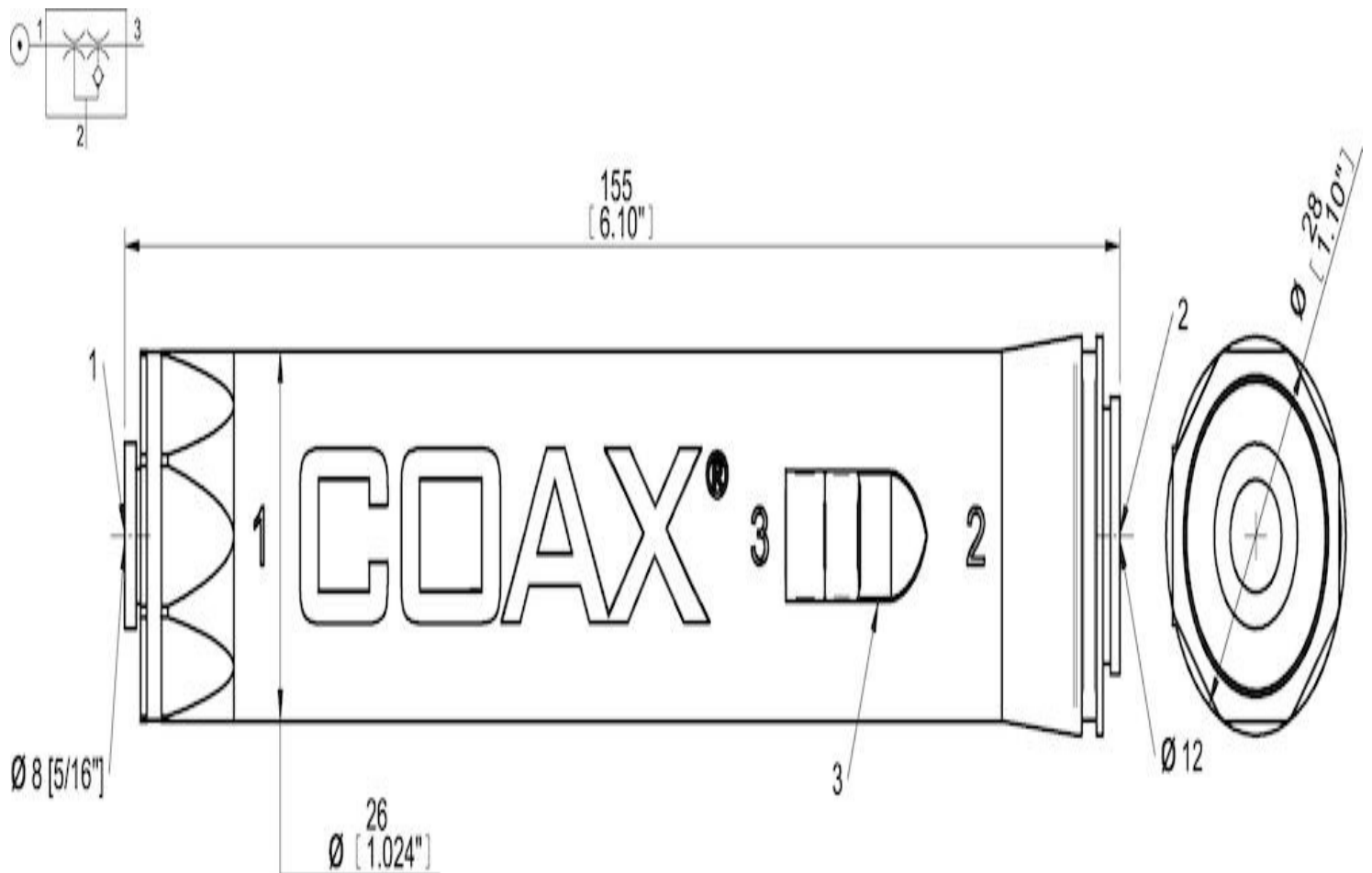
Description	Unit	Value
Material	-	CuZn, Nitrile (NBR), PA, SS
Temperature, max.	°F	176.0
Temperature, min.	°F	14.0
Weight, min.	oz	3.068
Feed pressure, max.	psi	0.10
Noise level, max.	dBA	99
Noise level, min.	dBA	93
Length (A)	in	6.10

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	3.88	0.83	0.68	0.47	0.30	0.22	0.17	0.13	0.094	0	0.053	0.0089	0	0	≥13.78	

Feed pressure psi	Air consumption scfm	Evacuation time (s/cf) to reach different vacuum levels (-inHg)														Max vacuum
		2	5	8	11	14	17	20	23	26	28	29	29	29	psi	
65.25	3.88	0.012	0.027	0.050	0.083	0.13	0.19	0.27	0.38	0.68	0	0	0	0	≥13.78	

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%.

Spare parts

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