

piINLINE® vacuum generator MINI Si, 8-8 mm, 0122896



- 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.

General

Item number, alternative	E12842188
Material	CuZn, PA, SS, Nitrile (NBR)
Noise level	68 – 84 dBA
Temperature	-10 – 80 °C
Weight	21.8 g

Performance

Feed pressure, max.	0.7 MPa
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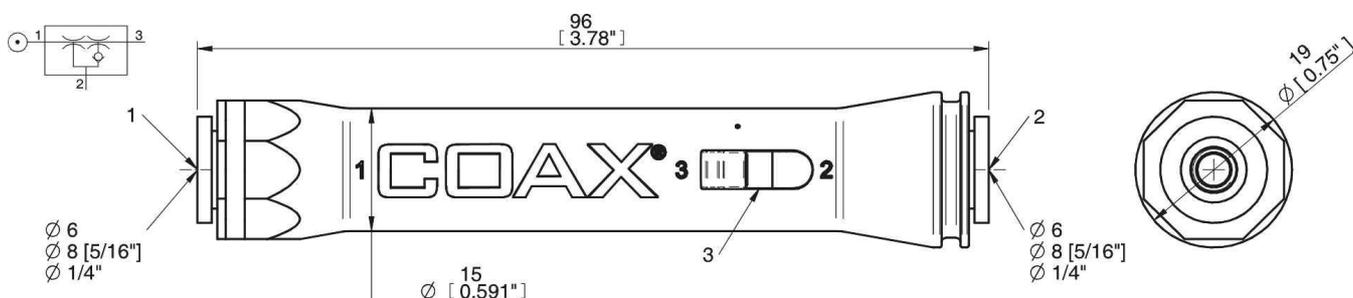
Vacuum flow

Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)									Max vacuum -kPa
		0	10	20	30	40	50	60	70	75	
0.6	0.44	0.69	0.55	0.42	0.28	0.23	0.16	0.12	0.08	0.08	75

Evacuation time

Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)								Max vacuum -kPa
		10	20	30	40	50	60	70	75	
0.6	0.44	0.16	0.37	0.66	1.1	1.4	2.1	3.1	3.1	75

Dimensional drawings



Values specified in the data sheet are tested at:

Room temperature	(20°C [68°F] ± 3°C [5.5°F])
Standard atmosphere	(101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg])
Relative humidity	0-100%
Compressed air quality	DIN ISO 8573-1 class 4

Accessories

	Item no.
Snap-in piINLINE® 4x MINI mounting bracket	0123094
Silencer piINLINE® MINI	0125466
Snap-in piINLINE® 1x MINI mounting bracket for silencer	0126009