Datasheet

piINLINE® vacuum generator MINI Pi, 8-8 mm

Article number: 0122897

- 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.
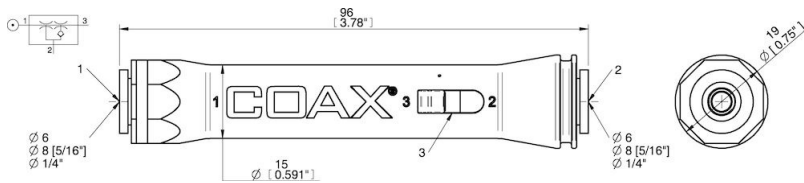
Technical data

Description	Unit	Value
Material	-	CuZn, Nitrile (NBR), PA, SS
Temperature, max.	°C	80
Temperature, min.	°C	-10
Weight, min.	g	21.8
Feed pressure, max.	MPa	0.7
Noise level, max.	dBA	85
Noise level, min.	dBA	69

Performance

Feed pressure MPa	Air consumption Nl/s	Vacuum flow (Nl/s) at different vacuum levels (-kPa)													Max vacuum kPa
		0	10	20	30	40	50	60	70	75	80	90	95	99	
0.32	0.44	0.57	0.44	0.31	0.23	0.19	0.14	0.1	0.06	0	0.03	0	0	0	≥90

Feed pressure MPa	Air consumption Nl/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)												Max vacuum kPa
		10	20	30	40	50	60	70	80	90	95	99	99.5	100.3	
0.32	0.44	0.2	0.46	0.83	1.1	1.8	2.7	4	6.4	0	0	0	0	0	≥90

Dimensional drawings

Values specified in this data sheet 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.

Accessories
0123094 | Snap-in piINLINE® 4x MINI mounting bracket
0125466 | Silencer piINLINE® MINI
0126009 | Snap-in piINLINE® 1x MINI mounting bracket for silencer