

piINLINE® vacuum generator MINI Xi, 1/4"-1/4"

Item number: 02.05.550



- 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	-	Al, CuZn, Nitrile (NBR), PA, SS
Temperature, max.	°F	176.0
Temperature, min.	°F	14.0
Weight, min.	oz	0.81
Feed pressure, max.	psi	0.10
Noise level, max.	dBA	85
Noise level, min.	dBA	81

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		
72.5	0.97	0.18	0.15	0.11	0.080	0.056	0.044	0.032	0.021	0	0.013	0.0032	0	0	≥13.63	

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	29	
72.5	0.97	0.053	0.12	0.21	0.30	0.47	0.68	1.034	1.57	2.63	0	0	0	0	0	≥13.63

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