

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

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- 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.	°C	80
Temperature, min.	°C	-10
Weight, min.	g	23
Feed pressure, max.	MPa	0.7
Noise level, max.	dBA	85
Noise level, min.	dBA	81

## 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		
0.5	0.46	0.62	0.5	0.37	0.27	0.19	0.15	0.11	0.07	0	0.045	0.011	0	0	≥94	

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		
0.5	0.46	0.18	0.41	0.72	1	1.6	2.3	3.5	5.3	8.9	0	0	0	0	≥94	

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