

# piINLINE® vacuum generator MICRO Si, 6-6 mm

Article number: 0122882



- Patented COAX® cartridge technology.
- High vacuum flow capacity in relation to energy consumption.
- Low weight inline design with push-in fittings.
- Quick and easy installation directly on the hose.
- Si/Ti cartridge at 0.6 MPa for extra vacuum flow.
- Bi cartridge for reliability at low feed pressures.
- Ti/Xi cartridge at 0.4/0.5 MPa when high flow and deep vacuum is needed.

## Technical data

Description	Unit	Value
Material	-	CuZn, Nitrile (NBR), PA, SS, TPE
Temperature, max.	°C	80
Temperature, min.	°C	-10
Weight, min.	g	9.8
Feed pressure, max.	MPa	0.7
Noise level, max.	dBA	73
Noise level, min.	dBA	67
Air consumption	NI/s	7.1 l/m (.25 scfm)
Diameter	mm	15
Diameter	mm	6
Diameter	mm	6
Length	mm	70

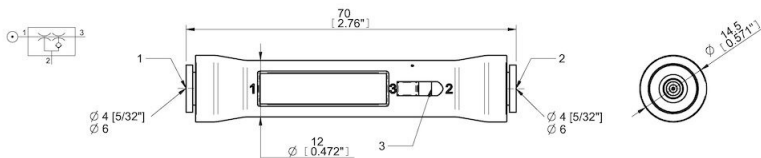
## Performance

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	80	90	95	99		
0.6	0.12	0.28	0.21	0.12	0.08	0.07	0.06	0.04	0.02	0	0	0	0	0	0	≥75

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	80	90	95	99	99.5	100.3		
0.6	0.12	0.41	1.01	2.01	3.3	4.9	6.9	10.2	0	0	0	0	0	0	≥75	

Feed pressure MPa	Air consumption NI/s	Blow flow (NI/s) at different pressure levels (-kPa)														Max pressure kPa
		0	10	20	30	40	50	60	70	80	90	100	110	120	130	
0.6	0.12	0.4	0.34	0.22	0.21	0.2	0.18	0.17	0.15	0	0	0	0	0	0	≥75

## 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**

0123093 | Snap-in piINLINE® 5x MICRO mounting bracket