

piINLINE® vacuum generator MICRO Ti, 6-6 mm, 0122022



- 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.

General

Material	CuZn, PA, SS, TPE, Nitrile (NBR)
Noise level	74 – 85 dBA
Temperature	-10 – 80 °C
Weight	9.8 g

Performance

Feed pressure, max.	0.7 MPa
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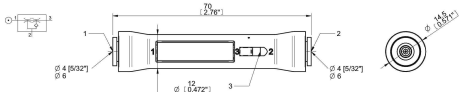
Vacuum flow

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	80	80	
0.4	0.27	0.32	0.28	0.23	0.17	0.1	0.07	0.04	0.02	0.004	84	
0.6	0.37	0.31	0.27	0.24	0.2	0.15	0.09	0.04	0.01	—	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	80	
0.4	0.27	0.33	0.73	1.2	2	3.1	5	8.3	16.6	84
0.6	0.37	0.3	0.7	1.2	1.8	2.6	4.2	8.43	—	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® 5x MICRO mounting bracket	0123093