

VGI 2-6-6 SI Inline Vacuum Generator, 0122025



- 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.

General

Item number, alternative	E12842166
Material	CuZn, PA, SS, Al, Nitrile (NBR)
Weight	23 g

Performance

Air consumption	25.7 l/m (.9 scfm) NI/s
Feed pressure, max.	0.7 MPa

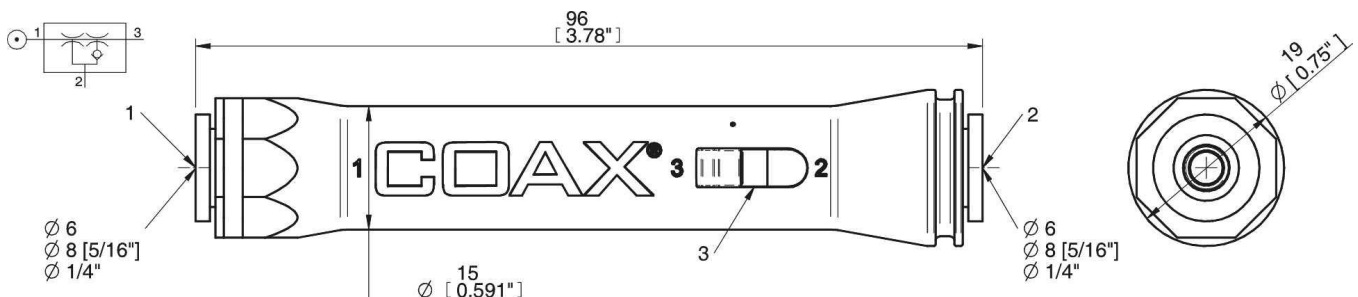
Vacuum flow

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		
0.6	0.44	0.69	0.55	0.42	0.28	0.23	0.16	0.12	0.08	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		
0.6	0.44	0.16	0.37	0.66	1.1	1.4	2.1	3.1	75	

Dimensional drawings



Diameter	19 mm (B)
Diameter	6 mm (C)
Diameter	6 mm (D)
Length	96 mm (A)

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