

COAX® cartridge MINI Si08-3, holding cap, extra non-return valve

Item number: 01.13.577



- Three-stage COAX® cartridge - MINI - with extra high initial vacuum flow.
- Large vacuum flow in relation to energy consumption.
- Good for handling porous materials or if surface leakage is present. Recommended for high speed applications.
- Used in VGS™3010 and VGS™3040.

Technical data

Description	Unit	Value
Material	-	Al, Nitrile (NBR), PA, SS
Temperature, max.	°F	176.0
Temperature, min.	°F	14.0
Weight, max.	oz	0.45
Weight, min.	oz	0.17
Feed pressure, max.	psi	0.10

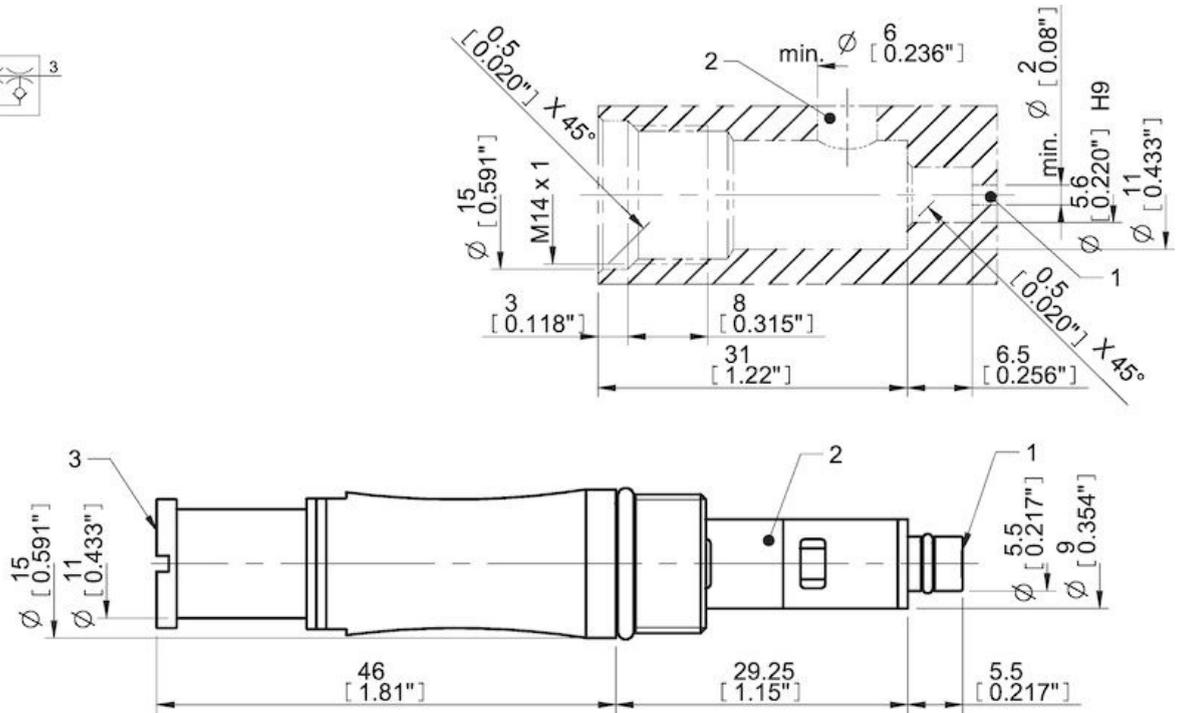
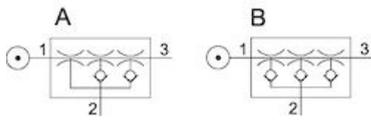
Performance

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				
58.0	0.66	0.32	0.17	0.11	0.077	0.053	0.027	0	0	0	0	0	0	0	0	0	0	≥8.70
72.5	0.81	0.36	0.19	0.14	0.086	0.068	0.044	0.024	0.0030	0	0	0	0	0	0	0	0	≥10.15
87.0	0.93	0.40	0.22	0.16	0.10	0.068	0.050	0.038	0.024	0	0	0	0	0	0	0	0	≥10.88

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				
58.0	0.66	0.035	0.097	0.19	0.32	0.56	0	0	0	0	0	0	0	0	0	0	0	≥8.70
72.5	0.81	0.032	0.086	0.16	0.27	0.44	0.68	1.36	0	0	0	0	0	0	0	0	0	≥10.15
87.0	0.93	0.030	0.074	0.14	0.24	0.38	0.59	0.86	0	0	0	0	0	0	0	0	0	≥10.88

Feed pressure psi	Air consumption scfm	Blow flow (scfm) at different pressure levels (-inHg)													Max pressure psi				
		0	2	5	8	11	14	17	20	23	26	29	32	35		38	41		
87.0	0.93	0.26	0.17	0.15	0.12	0.12	0.11	0.096	0.077	0	0	0	0	0	0	0	0	0	≥10.88

Dimensional drawings



Values specified in this datasheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] $\pm 3^\circ\text{C}$ [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 $\pm 10\%$.

Accessories

- 01.06.344 | Exhaust adapter
- 01.11.977 | Silencer COAX® MINI