



Item no: 0231209

VGS4005, SX12 Ø 1/4"

Piab VGS™ – A product design where different suction cups are integrated with vacuum cartridges based on the patented COAX® technology. The “vacuum gripper” makes selection, sizing and installation of a vacuum system easier. With a VGS™ you will enjoy the benefits of a more cost-efficient and reliable... decentralized vacuum system.

- Light weight vacuum gripper ejector with plastic housing
- VGS4005 with SX12 or SX42 cartridge without flap valves, a COAX® chosen for very harsh environments, combining high dust and high humidity levels
- Optimal in applications when less vacuum depth is needed, such as bag/pouch handling etc
- Reduced noise level with Integrated silencer
- VGS4005 is compatible with any suction cup with G3/8" male fitting from Piab's assortment.

General

Material	PU, PA, POM, SS, CUZN, NBR, PPM
Noise level	63 - 75 dBA
Temperature	-10 - 80 °C
Weight	70 g

Performance

Feed pressure, max.	0.7 MPa
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Mechanical data

Load, vertical, max.	70 N
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Feed pressure	Air consumption	Vacuum flow (NI/s) at different vacuum levels (-kPa)										Max vacuum
MPa	NI/s	0	10	20	30	40	50	60	70	80	-kPa	
SX12 0.5 - 0.5	0.72	1.22	1.03	0.78	0.52	0.27	0	0	0	0	47	
SX12 0.6 - 0.6	0.84	1.34	1.15	0.96	0.7	0.45	0.17	0	0	0	55	

Feed pressure	Air consumption	Evacuation time (s/l) to reach different vacuum levels (-kPa)										Max vacuum
MPa	NI/s	10	20	30	40	50	60	70	80	90	-kPa	
SX12 0.5 - 0.5	0.72	0.089	0.199	0.353	0.606	0	0	0	0	0	47	
SX12 0.6 - 0.6	0.84	0.08	0.175	0.296	0.47	0.792	0	0	0	0	55	

Dimensional drawings

