



Item no: VGS™3040_with_blow-off

VGS™3040 with blow-off

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.

- COAX® cartridge integrated.
- Built-in blow off check valve for fast release of object.
- Available in lock pin 16, 19 or ball joint mountings, industry standard.
- Available with level compensator to compensate for differences in level of object.

General

Material	PA, SS, AL, CUZN, NBR
Noise level	65 - 74 dBA
Temperature	-10 - 80 °C
Weight	223 - 284 g

Performance

Feed pressure	0.1 - 0.7 MPa
Feed pressure, optimum	0.3 - 0.7 MPa

Pneumatic data

Flow rate (of 0-0,7 MPa.)	1.5 - 2.8 NI/s
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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
MINI Si08-2 0,60 - 0.6	0.44	0.77	0.67	0.51	0.33	0.23	0.16	0.12	0.08	0	75
MINI Si08-3 0,60 - 0.6	0.44	1.34	0.73	0.55	0.35	0.23	0.17	0.13	0.08	0	75
MINI Xi10-2 0,5 - 0.5	0.46	0.75	0.63	0.49	0.33	0.19	0.15	0.11	0.07	0.045	94
MINI Xi10-3 0,5 - 0.5	0.46	1.43	0.7	0.5	0.33	0.19	0.15	0.11	0.07	0.045	94
MINI Pi12-2 0,31 - 0.314	0.44	0.68	0.6	0.44	0.27	0.19	0.14	0.1	0.06	0.03	90
MINI Pi12-3 0,32 - 0.32	0.44	1.4	0.6	0.44	0.27	0.19	0.14	0.1	0.06	0.03	90

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
MINI Si08-2 0,60 - 0.6	0.44	0.14	0.31	0.55	0.9	1.4	2.1	3.1	0	0	75
MINI Si08-3 0,60 - 0.6	0.44	0.1	0.25	0.48	0.8	1.3	2	2.9	0	0	75
MINI Xi10-2 0,5 - 0.5	0.46	0.14	0.3	0.6	1	1.6	2.3	3.5	5.3	8.9	94
MINI Xi10-3 0,5 - 0.5	0.46	0.09	0.26	0.5	0.9	1.5	2.2	3.4	5.2	8.8	94
MINI Pi12-2 0,31 - 0.314	0.44	0.17	0.32	0.58	1.1	1.8	2.7	4	6.4	0	90
MINI Pi12-3 0,32 - 0.32	0.44	0.08	0.23	0.49	1	1.7	2.6	3.9	6.3	0	90

Feed pressure	Air consumption	Blow flow (NI/s) at different pressure levels (-kPa)									Max vacuum
MPa	NI/s	10	20	30	40	50	60	70	80	90	-kPa
MINI Si08-2 0,60 - 0.6	0.44	1.21	1.13	1	0.84	0.78	0.73	0.65	0.53	0	75
MINI Si08-3 0,60 - 0.6	0.44	1.78	1.16	1.03	0.86	0.8	0.75	0.66	0.53	0	75

