

VGS™3040 with piSAVE® release

Item number: VGS™3040_with_piSAVE_release



- COAX® cartridge integrated.
- Built-in quick release for fast release of object, internal or separate feed.
- Available in lock pin 16, 19 or ball joint mountings, industry standard.
- Available with level compensator to compensate for differences in level of object.

Technical data

Description	Unit	Value
Material	-	Al. Nitrile (NBR). PA. SS
Temperature, max.	°F	122
Temperature, min.	°F	32
Weight, max.	oz	9.95
Weight, min.	oz	7.79
Feed pressure, max.	psi	102
Feed pressure, min.	psi	44
Flow	scfm	16.63
Noise level, max.	dBA	74
Noise level, min.	dBA	65

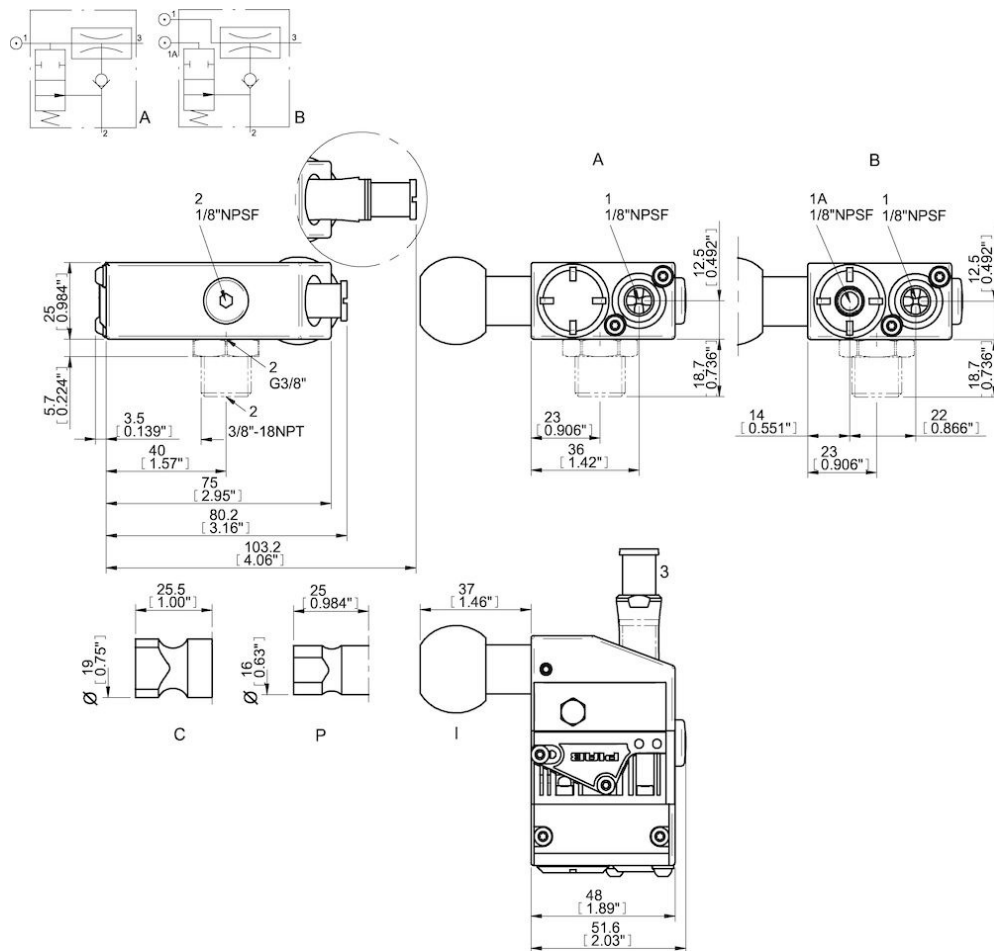
Performance

Ejector specification	Feed pressure psi	Air consumption scfm	Vacuum flow (scfm) at different vacuum levels (-inHg)											Max vacuum -inHg
			0	2	5	8	11	14	17	20	26	29		
Pi12-2	45.54	0.93	1.44	1.27	0.93	0.57	0.4	0.3	0.21	0.13	0.064		≥26.58	
Pi12-3	46.41	0.93	2.97	1.27	0.93	0.57	0.4	0.3	0.21	0.13	0.064		≥26.58	
Si08-2	87.023	0.93	1.63	1.42	1.081	0.7	0.49	0.34	0.25	0.17			≥22.15	
Si08-3	87.023	0.93	2.84	1.55	1.17	0.74	0.49	0.36	0.28	0.17			≥22.15	
Xi10-2	72.52	0.97	1.59	1.33	1.038	0.7	0.4	0.32	0.23	0.15	0.095	0.023	≥27.76	
Xi10-3	72.52	0.97	3.03	1.48	1.059	0.7	0.4	0.32	0.23	0.15	0.095	0.023	≥27.76	

Ejector specification	Feed pressure psi	Air consumption scfm	Evacuation time (s/cf) to reach different vacuum levels (-inHg)									Max vacuum -inHg
			2	5	8	11	14	17	20	23	26	
Pi12-2	45.54	0.93	4.81	9.061	16.42	31.15	50.97	76.46	113.27	181.23		≥26.58
Pi12-3	46.41	0.93	2.27	6.51	13.88	28.32	48.14	73.62	110.44	178.4		≥26.58
Si08-2	87.023	0.93	3.96	8.78	15.57	25.49	39.64	59.47	87.78			≥22.15
Si08-3	87.023	0.93	2.83	7.079	13.59	22.65	36.81	56.63	82.12			≥22.15
Xi10-2	72.52	0.97	3.96	8.5	16.99	28.32	45.31	65.13	99.11	150.079	252.02	≥27.76
Xi10-3	72.52	0.97	2.55	7.36	14.16	25.49	42.48	62.3	96.28	147.25	249.19	≥27.76

Ejector specification	Feed pressure psi	Air consumption scfm	Blow flow (scfm) at different pressure levels (-inHg)								Max pressure -inHg
			0	2	5	8	11	14	17	20	
Si08-2	87.023	0.93	2.56	2.39	2.12	1.78	1.65	1.55	1.38	1.12	≥22.15
Si08-3	87.023	0.93	3.77	2.46	2.18	1.82	1.7	1.59	1.4	1.12	≥22.15

Dimensional drawings



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

- Room temperature (20°C [68°F] ± 3°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 ±10%.