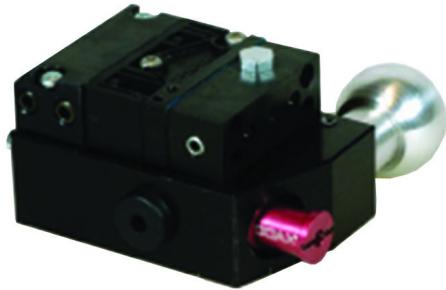


VGS™3040 with piSAVE® onoff

Item number: VGS™3040_with_piSAVE_onoff



- COAX® cartridge integrated.
- Integrated energy-saving device, piSAVE® onoff, results in very low air consumption in sealed applications.
- 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.

Technical data

Description	Unit	Value
Material	-	Al. CuZn. Nitrile (NBR). PA. PE. POM. SS. Thermoplastic Polyurethane (TPE-U)
Temperature, max.	°F	140
Temperature, min.	°F	32
Weight, max.	oz	11.99
Weight, min.	oz	9.84
Feed pressure, max.	psi	102
Feed pressure, min.	psi	25
Valve function	-	NO
Noise level, max.	dBA	74
Noise level, min.	dBA	65
Hysteresis	inHg	5.5±2.5
Signal range, max.	-inHg	19.19
Signal range, min.	-inHg	adjustable

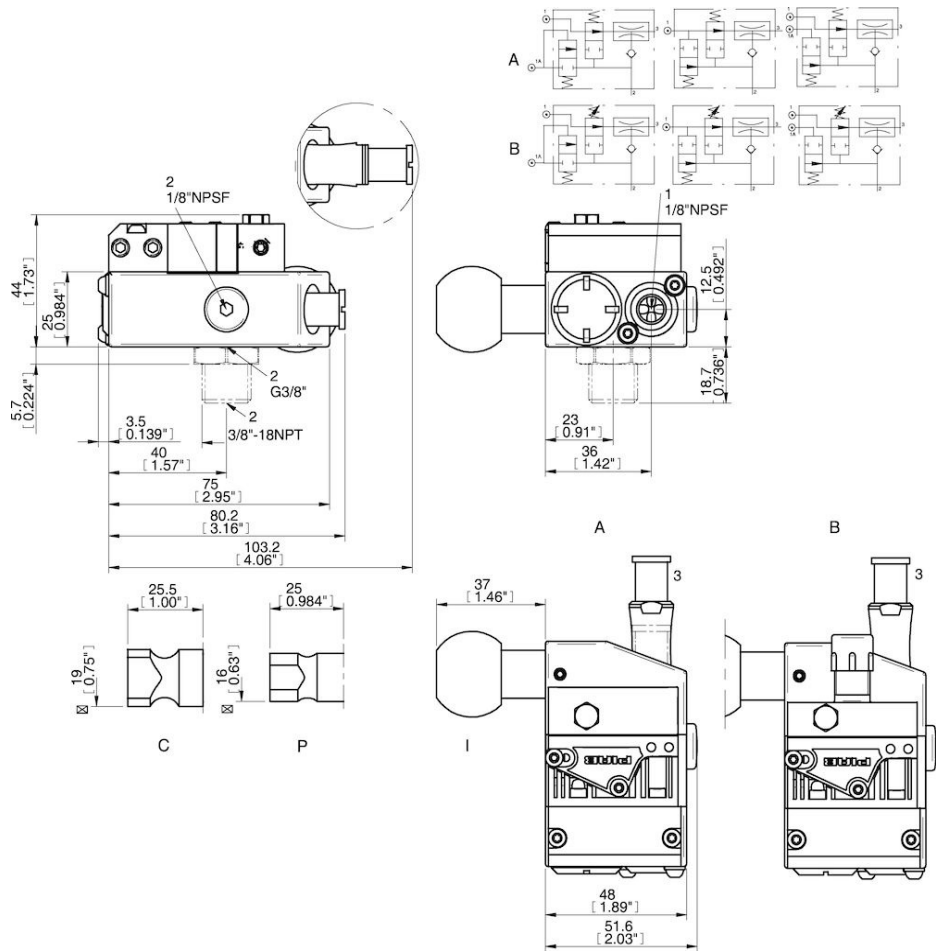
Performance

Ejector specification	Feed pressure	Air consumption	Vacuum flow (scfm) at different vacuum levels (-inHg)											Max vacuum
	psi	scfm	0	2	5	8	11	14	17	20	26	29	-inHg	
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	Air consumption	Evacuation time (s/cf) to reach different vacuum levels (-inHg)										Max vacuum
	psi	scfm	2	5	8	11	14	17	20	23	26	-inHg	
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%.