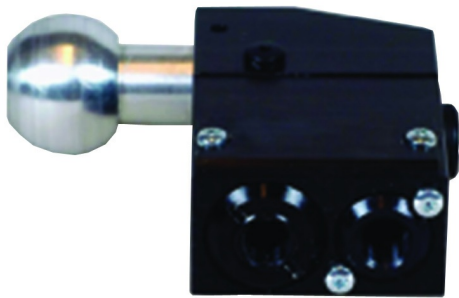


VGS™3040 with blow-off

Item number: VGS™3040_with_blow-off



- 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.

Technical data

Description	Unit	Value
Material	-	Al. CuZn. Nitrile (NBR). PA. SS
Temperature, max.	°F	176
Temperature, min.	°F	14
Weight, max.	oz	10.017
Weight, min.	oz	7.87
Feed pressure, max.	psi	102
Feed pressure, min.	psi	15
Noise level, max.	dBA	74
Noise level, min.	dBA	65
Feed pressure, optimum, max.	psi	102
Feed pressure, optimum, min.	psi	44
Flow rate, max.	scfm	5.93
Flow rate, min.	scfm	3.18

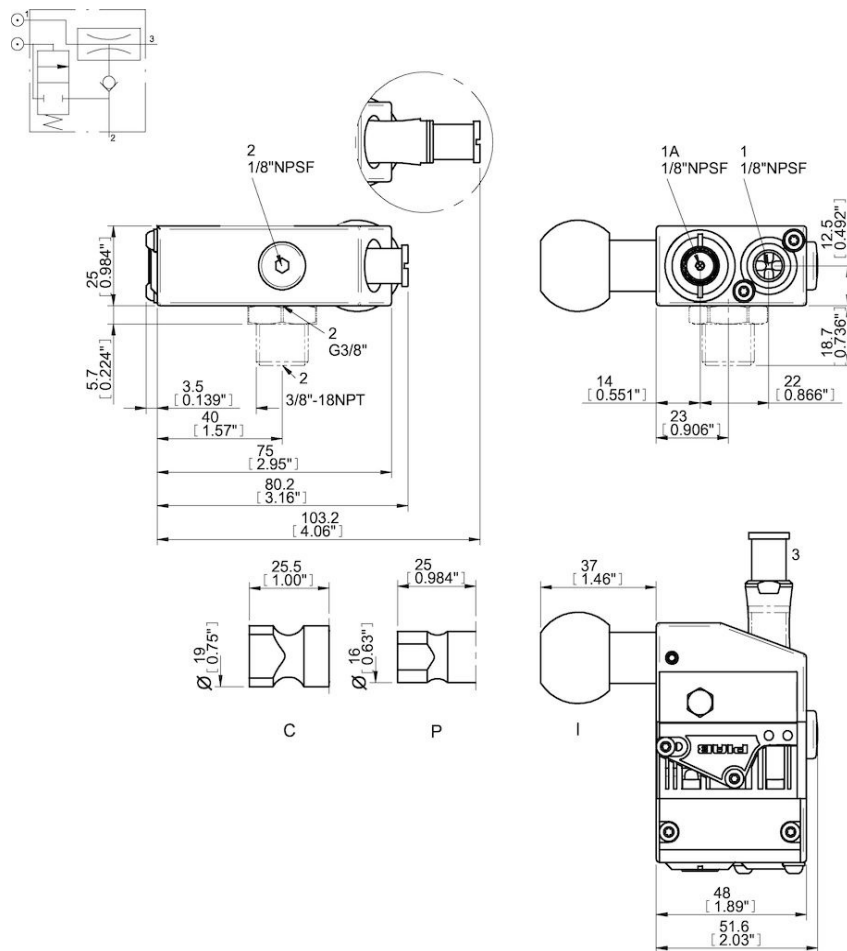
Performance

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)									23	26	Max vacuum -inHg
			2	5	8	11	14	17	20					
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%.