

piSTAMP STX0785x2, 1/4"-1/4"

Item number: 02.08.768



Technical data

Description	Unit	Value
Material	-	CuZn, HNBR, Nitrile (NBR), PA66, POM, SS, TPE
Temperature, max.	°F	122.0
Temperature, min.	°F	32.0
Weight, min.	oz	1.66
Feed pressure, max.	psi	0.10
Feed pressure, min.	psi	0.044
Noise level, min.	dBA	77
Feed pressure, optimum, max.	psi	0.072
Vacuum, max.	-inHg	24.81
Flow rate, min. (Blow-Off flow at 5 MPa)	scfm	2.16

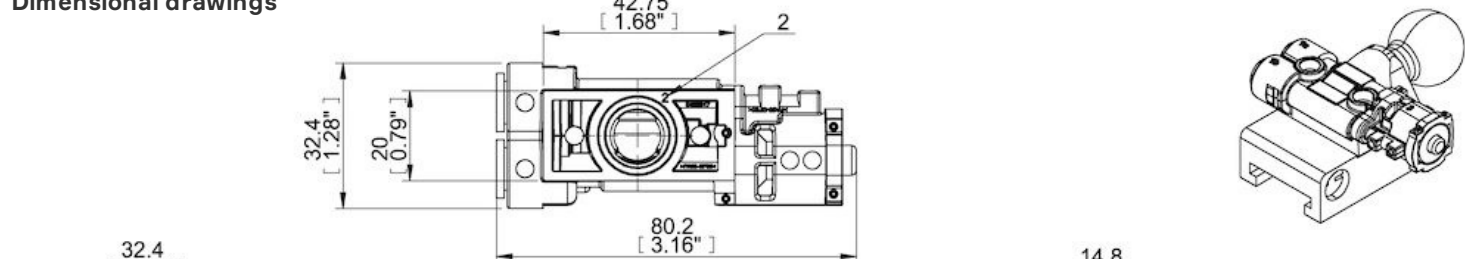
Performance

Feed pressure	Air consumption	Vacuum flow (scfm) at different vacuum levels (-inHg)														Max vacuum
psi	scfm	0	2	5	8	11	14	17	20	23	26	29	32	35	psi	
72.5	2.16	0.14	0.12	0.11	0.089	0.074	0.056	0.041	0.024	0	0.0089	0	0	0	≥12.32	
72.5	1.081	0.068	0.059	0.053	0.044	0.035	0.030	0.021	0.012	0	0.0030	0	0	0	≥12.32	

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	28	29	29	29	psi	
72.5	2.16	0.068	0.14	0.23	0.34	0.48	0.65	0.89	1.46	0	0	0	0	0	≥12.32	
72.5	1.081	0.14	0.29	0.47	0.68	0.95	1.31	1.85	2.93	0	0	0	0	0	≥12.32	

Dimensional drawings

Dimensional drawings

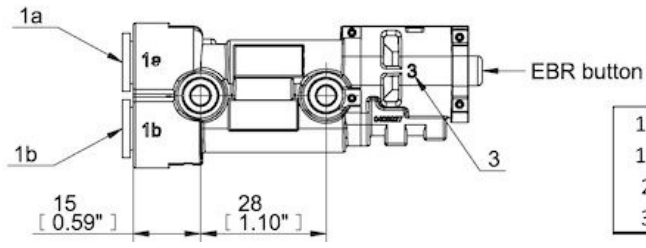
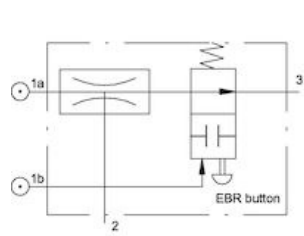


Values specified in this datasheet are tested at (unless otherwise stated):

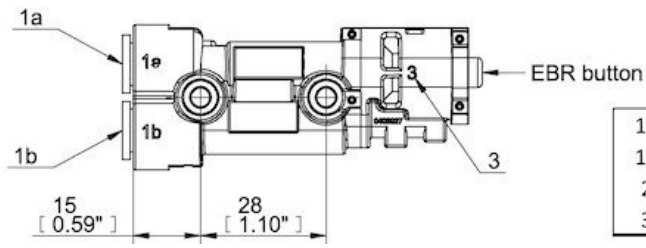
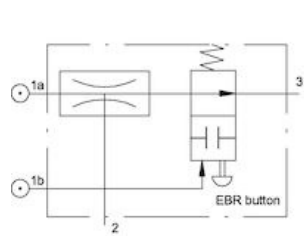
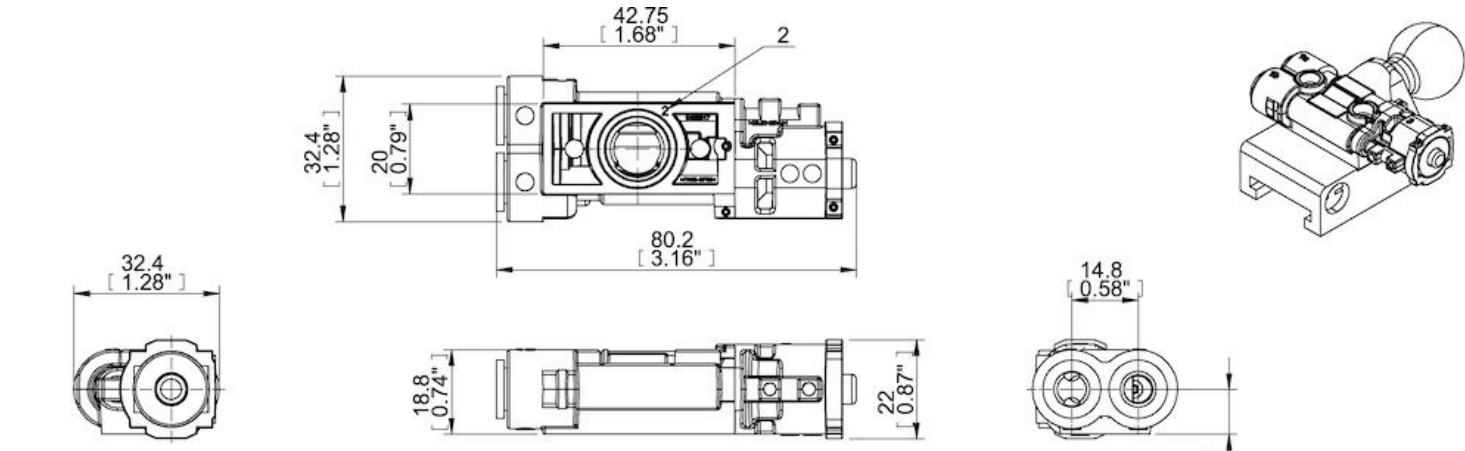
- Room temperature (20°C [68°F] ± 3°C [5.5°F])
- Standard atmosphere (101.3 [29.87] inHg) ± 1.0 kPa [0.3 inHg]
- Compressed air quality, DIN ISO 85/3-1 class 4.

Tolerance and accuracy:

- Feed pressure tolerance ±0.02 MPa [2.9 psi]
- Vacuum flow/evacuation time accuracy ±10%.



1a	Compressed air	Ø1/4", Ø6mm, Ø8mm
1b	Pilot compressed air	Ø1/4", Ø6mm, Ø8mm
2	Vacuum connection	Non-configurable
3	Exhaust	Non-configurable



1a	Compressed air	Ø1/4", Ø6mm, Ø8mm
1b	Pilot compressed air	Ø1/4", Ø6mm, Ø8mm
2	Vacuum connection	Non-configurable
3	Exhaust	Non-configurable