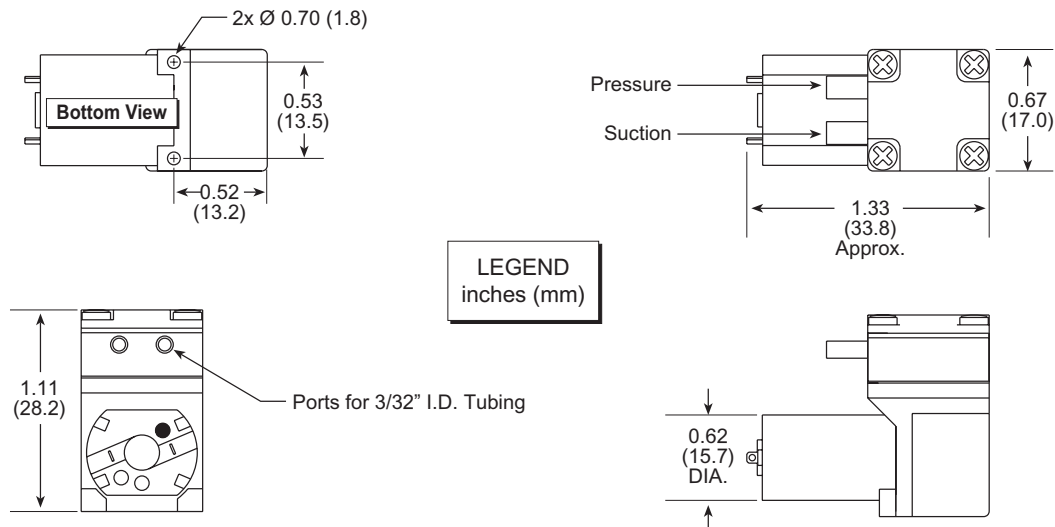


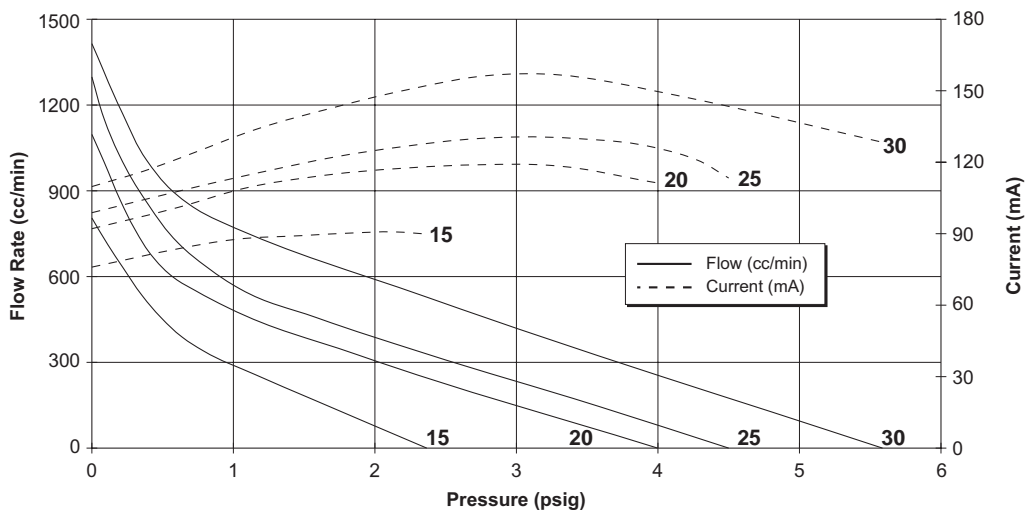
AAA Series Micro Air Pump: Part No. 3A060INSN (Pressure) Specifications

	Minimum Free Flow	Minimum Pressure @ Dead Head	Maximum Current @ Free Flow
Model 15	810 cc/min	2.3 psig (159 mbar)	95 mA
Model 20	1100 cc/min	4.0 psig (276 mbar)	110 mA
Model 25	1295 cc/min	4.5 psig (310 mbar)	110 mA
Model 30	1410 cc/min	5.6 psig (386 mbar)	130 mA
Rated Voltage	6.0 volts DC		
Motor Construction	Iron Core, Sleeve Bearing		
Diaphragm Material	Neoprene (EPDM and Viton also available)		
Pump Body Material	Ryton		
Operating Temperature Range	32°–122°F (0°–50°C)		
Weight	0.7 oz (21 grams)		
Size	0.9 cubic inches		
Options	Four Port Locations		

DIMENSIONS



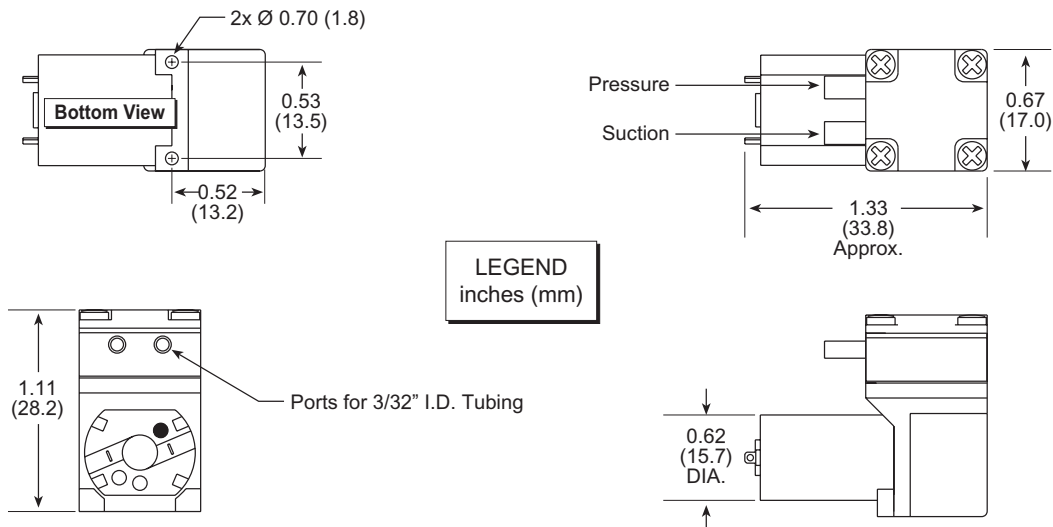
PERFORMANCE



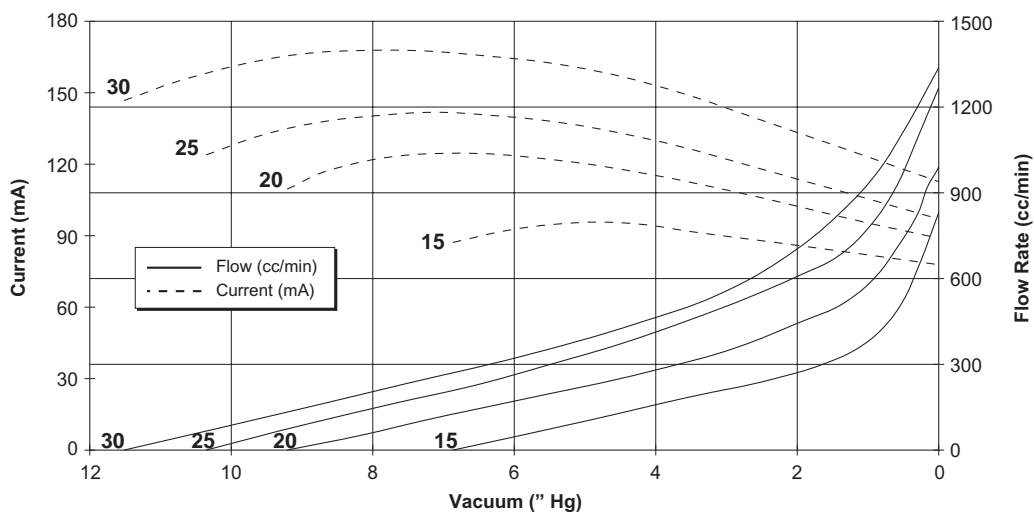
AAA Series Micro Air Pump: Part No. 3A060INSN (Vacuum) Specifications

	Minimum Free Flow	Minimum Vacuum @ Dead Head	Maximum Current @ Free Flow
Model 15	805 cc/min	6.8 "Hg (230 mbar)	95 mA
Model 20	985 cc/min	9.4 "Hg (317 mbar)	110 mA
Model 25	1260 cc/min	10.4 "Hg (351 mbar)	110 mA
Model 30	1330 cc/min	11.6 "Hg (392 mbar)	130 mA
Rated Voltage	6.0 volts DC		
Motor Construction	Iron Core, Sleeve Bearing		
Diaphragm Material	Neoprene (EPDM and Viton also available)		
Pump Body Material	Ryton		
Operating Temperature Range	32°–122°F (0°–50°C)		
Weight	0.7 oz (21 grams)		
Size	0.9 cubic inches		
Options	Four Port Locations		

DIMENSIONS



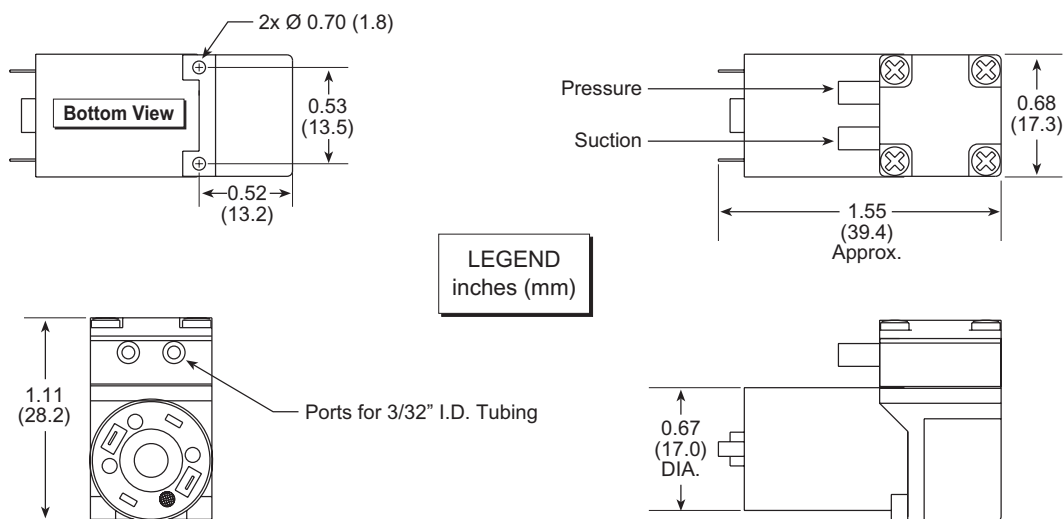
PERFORMANCE



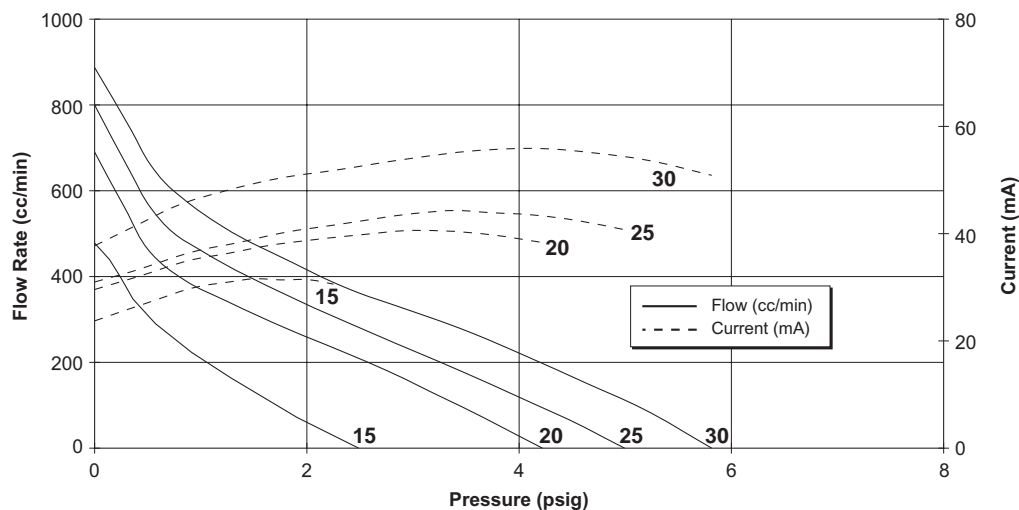
AAA Series Micro Air Pump: Part No. 3A120INSN (Pressure) Specifications

	Minimum Free Flow	Minimum Pressure @ Dead Head	Maximum Current @ Free Flow
Model 15	475 cc/min	2.4 psig (165 mbar)	35 mA
Model 20	685 cc/min	4.2 psig (289 mbar)	40 mA
Model 25	800 cc/min	5.0 psig (345 mbar)	45 mA
Model 30	885 cc/min	5.8 psig (400 mbar)	50 mA
Rated Voltage	12.0 volts DC		
Motor Construction	Iron Core, Sleeve Bearing		
Diaphragm Material	Neoprene (EPDM and Viton also available)		
Pump Body Material	Ryton		
Operating Temperature Range	32°–122°F (0°–50°C)		
Weight	1.0 oz (28 grams)		
Size	1.1 cubic inches		
Options	Four Port Locations		

DIMENSIONS



PERFORMANCE

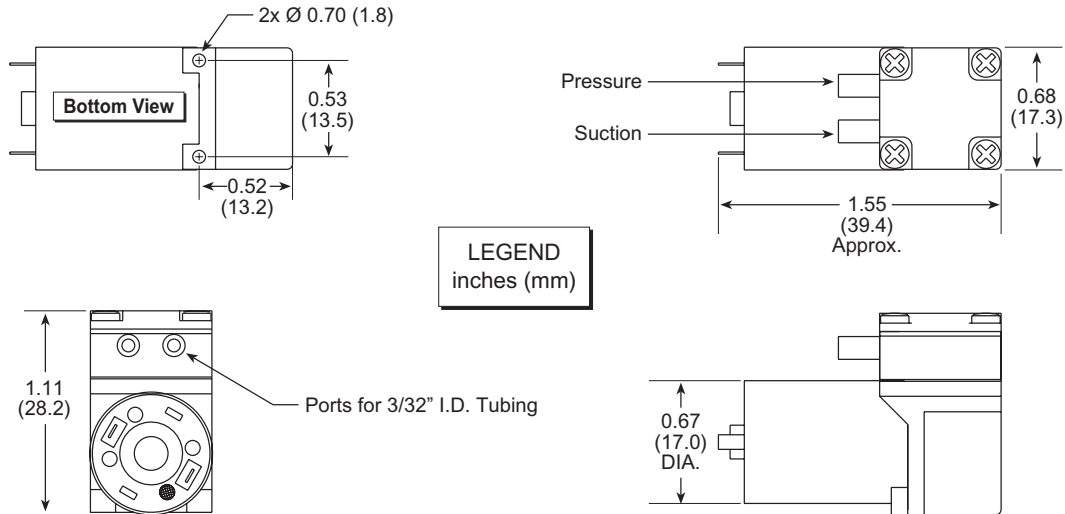


Performance curves are typical. Individual pump curves may vary.

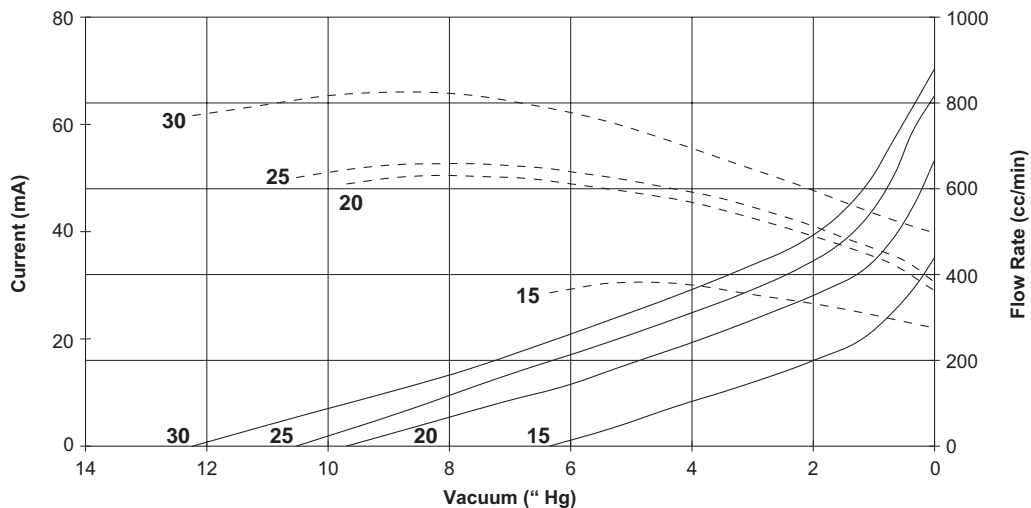
AAA Series Micro Air Pump: Part No. 3A120INSN (Vacuum) Specifications

	Minimum Free Flow	Minimum Vacuum @ Dead Head	Maximum Current @ Free Flow
Model 15	435 cc/min	6.4 "Hg (216 mbar)	35 mA
Model 20	660 cc/min	9.7 "Hg (328 mbar)	40 mA
Model 25	815 cc/min	10.5 "Hg (355 mbar)	45 mA
Model 30	880 cc/min	12.2 "Hg (412 mbar)	50 mA
Rated Voltage	12.0 volts DC		
Motor Construction	Iron Core, Sleeve Bearing		
Diaphragm Material	Neoprene (EPDM and Viton also available)		
Pump Body Material	Ryton		
Operating Temperature Range	32°–122°F (0°–50°C)		
Weight	1.0 oz (28 grams)		
Size	1.1 cubic inches		
Options	Four Port Locations		

DIMENSIONS



PERFORMANCE



Performance curves are typical. Individual pump curves may vary.