

### PUMP SPECIFICATIONS

**PORT SIZE**

- 1/2" female & 1" male BSP or NPT

**MAX FREE FLOW ON WATER AT 20°C/68°F**

- 56 LPM / 15 USGPM  
(on some models 20% reduction should PTFE Diaphragms be fitted)

**VOLUME DISPLACE PER FULL CYCLE**

- 0.196 Litres / 0.052 US Gallons

**MIN/MAX WORKING PRESSURE @ 20°C/68°F**

- 1.4-6.9 Barg / 20-100 Psig

**PUMP BODY MIN/MAX WORKING TEMP**

- Aluminium - 4-107°C / 40-225°F
- 316 St Steel - 4-107°C / 40-225°F

**MAX PUMPABLE PARTICLE SIZE**

- 3mm / 1/8"

**MAX DRY SUCTION LIFT ON WATER**

- 4.4 metres / 13 feet (Rubber Balls)

**MAX WET SUCTION LIFT ON WATER**

- 7.6 metres / 23 feet (Rubber Balls)

**MAX AIR CONSUMPTION**

- 20 scfm / 34 m<sup>3</sup>/hr

**AIR INLET PORT SIZE**

- 1/4" NPT female

**AIR OUTLET PORT SIZE / MUFFLER**

- 3/8" NPT female

**MAX SOUND POWER LEVEL (DBA - ISO 9614-2)**

- 95 dBA  
(at max air inlet pressure - will reduce with air pressure)

**BODY MATERIALS AVAILABLE AND WEIGHT**

- Aluminium - 8 kg / 17 lb
- 316 St Steel - 12 kg / 26 lb

**DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE**

- Neoprene
- EPDM
- Santoprene
- Buna-Nitrile
- PTFE
- FKM



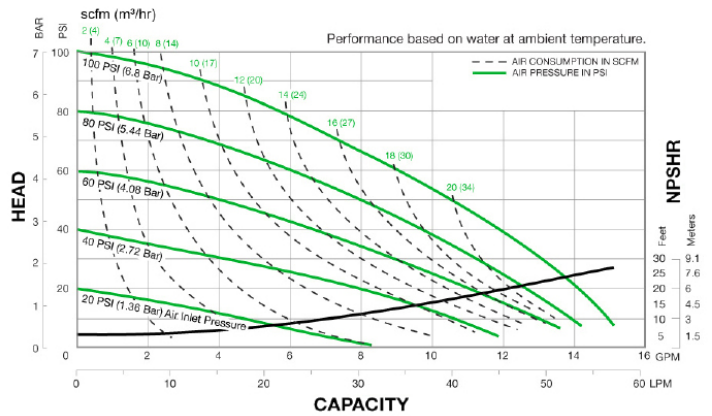
Aluminium



Stainless Steel

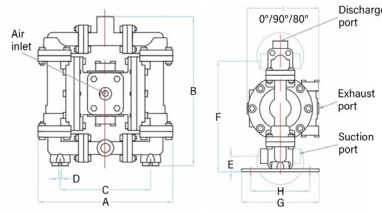
### PERFORMANCE CURVE

Pump tested in water with inlet submerged

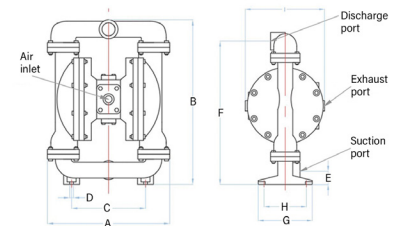


### GA DRAWINGS

Aluminium



Stainless Steel



**BODY MATERIALS AVAILABLE AND WEIGHT**

- Aluminium - 8 kg / 17 lb
- 316 St Steel - 12 kg / 26 lb

Port Size	Air Inlet Size	Exhaust Port Size	A	B	C	D	E	F	G	H	I	mm/inches
			mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	standard muffer
1/2" NPT/BSP (internal)	1/4" NPT	3/8" NPT	260	292	184	8	34	247	172	140	186	219
1" NPT/BSP (external)	1" NPT	1" NPT	10.25"	11.5"	7.3"	0.3"	1.3"	9.7"	6.75"	5.5"	7.3"	8.6"

**BODY MATERIALS AVAILABLE AND WEIGHT**

Port Size	Air Inlet Size	Exhaust Port Size	A	B	C	D	E	F	G	H	I	mm/inches
			mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	mm inches	standard muffer
1/2" NPT/BSP (internal)	1/4" NPT	3/8" NPT	260	263	183	10	33	247	156	140	186	219
1" NPT/BSP (external)	1" NPT	1" NPT	10.2"	10.4"	7.2"	0.4"	1.3"	9.7"	6.1"	5.52"	7.3"	8.6"

