

PUMP SPECIFICATIONS

PORT SIZE

- 1" BSP & NPT female

MAX FREE FLOW ON WATER AT 20°C/68°F

- 170 LPM / 45 USGPM
- (on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACE PER FULL CYCLE

- 0.84 Litres / 0.22 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

- 6.3mm / 1/4"

MAX DRY SUCTION LIFT ON WATER

- 4.6 metres / 14 feet (Rubber Balls)

MAX AIR CONSUMPTION

- 40 scfm / 68m³/hr

AIR INLET PORT SIZE

- 1/2" NPT female

AIR OUTLET PORT SIZE / MUFFLER

- 1" 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 - 12 kg / 26 lb
- 316 St Steel - 20 kg / 43 lb

DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

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



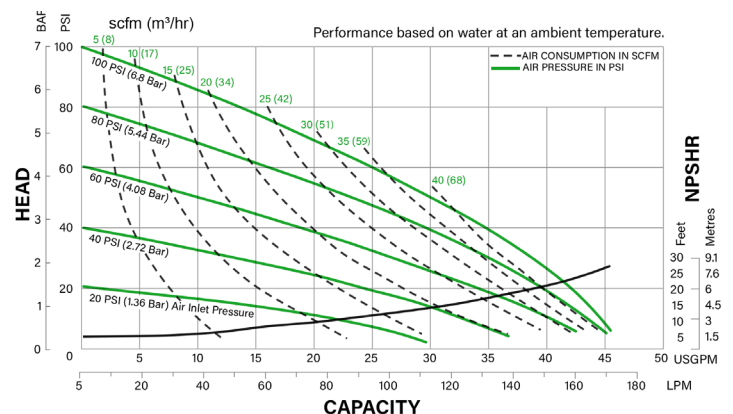
Aluminium



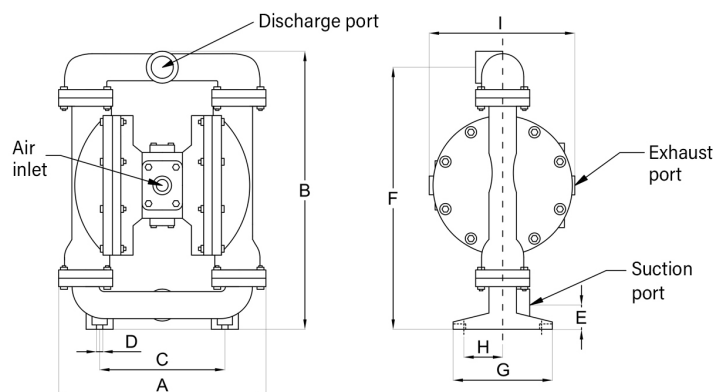
Stainless Steel

PERFORMANCE CURVE

Pump tested in water with inlet submerged



GA DRAWINGS



Port Size	Air Inlet Size	Exhaust Port Size	A	B	C	D	E	F	G	H	I	mm/inches
			mm	mm	mm	mm	mm	mm	mm	mm	mm	
1" NPT/ BSP	1/2" NPT	1" NPT	260	326	172	8	31	304	127	48	264	standard muffler
			10.2"	12.8"	6.8"	0.32"	1.2"	12.0"	5"	1.9"	10.4"	metal muffler