

PUMP SPECIFICATIONS

PORT SIZE

- 1" BSP Female
- 1" NPT Female

MAX FREE FLOW ON WATER AT 20°C/68°F

- 174 LPM / 46 US GPM
- (on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACEMENT PER FULL CYCLE

- 0.84 Litres / 0.22 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 0.42 Litres / 0.11 US Gallons

MAX WORKING PRESSURE @ 20°C/68°F

- 6.8 Barg / 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

- 6.4mm / 1/4" in diameter

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 - 11.4 kg
- 316 St Steel - 18.4 kg

DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Neoprene
- EPDM
- Santoprene
- Nitrile
- PTFE
- FKM
- Hytrel
- Aluminium
- Stainless Steel
- UHMW



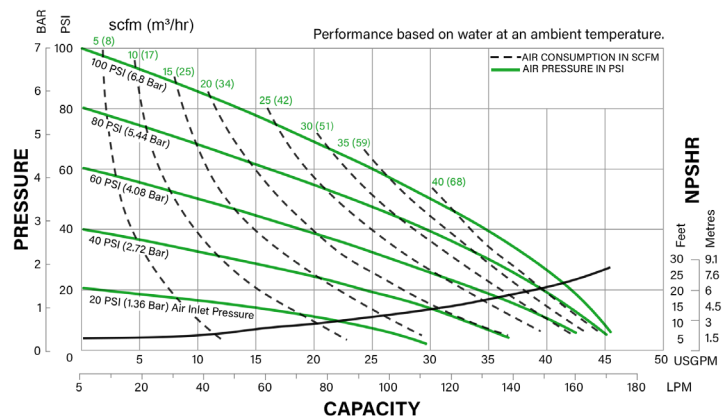
Aluminium



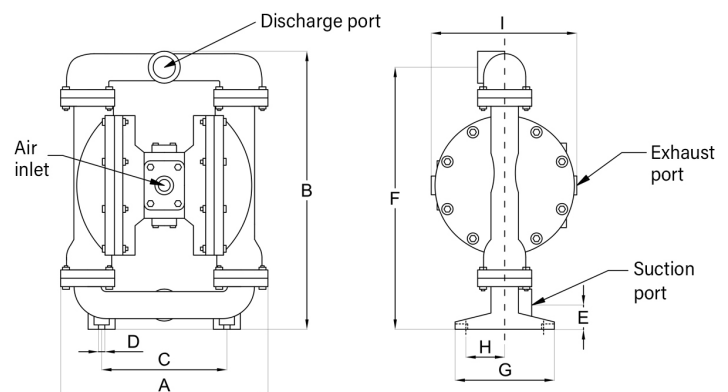
Stainless Steel

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	mm	mm	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	319