

PUMP SPECIFICATIONS

PORT SIZE

- 2" BSP Female
- 2" NPT Female

MAX FREE FLOW ON WATER AT 20°C/68°F

- 571 LPM / 151 USGPM

(on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACEMENT PER FULL CYCLE

- 3.4 Litres / 0.92 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 1.7 Litres / 0.46 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
- Cast Iron - 4-107°C / 40-225°F

MAX PUMPABLE PARTICLE SIZE

- 6.4mm / 1/4" in diameter

MAX DRY SUCTION LIFT ON WATER

- 4.9 metres / 15 feet (Rubber Balls)

MAX WET SUCTION LIFT ON WATER

- 8 metres / 24 feet (Rubber Balls)

MAX AIR CONSUMPTION

- 100 scfm / 169m³/hr

AIR INLET PORT SIZE

- 3/4" NPT Female

AIR OUTLET PORT SIZE / MUFFLER

- 1" NPT Female

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

- 100 dBA

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

BODY MATERIALS AVAILABLE AND WEIGHT

- Aluminium - 33.5 kg
- 316 St Steel - 56 kg
- Cast Iron - 61 kg

DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

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



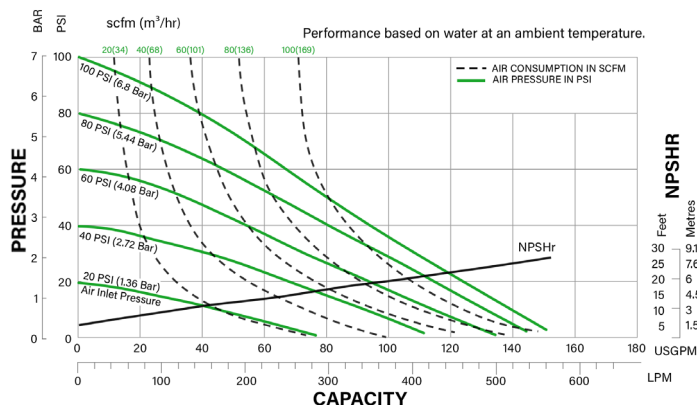
Aluminium & Cast Iron



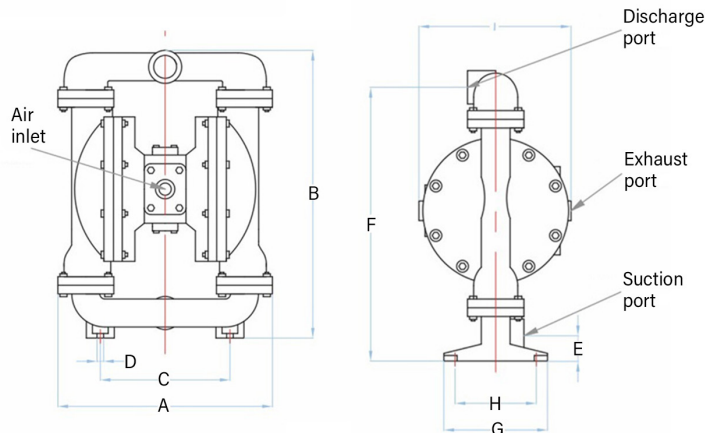
Stainless Steel

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	standard muffler (mm) / metal muffler (mm)
2" NPT/ BSP	3/4" NPT	1" NPT	428	669	256	13	51	631	254	228	320 / 373