

PUMP SPECIFICATIONS

PORT SIZE

- 3" BSP Female
- 3" NPT Female

MAX FREE FLOW ON WATER AT 20°C/68°F

- 893 LPM / 235 USGPM
- (on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACEMENT PER FULL CYCLE

- 7.12 Litres / 1.88 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 3.56 Litres / 0.94 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

- 9.5mm / 3/8" in diameter

MAX DRY SUCTION LIFT ON WATER

- 4.9 metres / 15 feet (Rubber Ball)

MAX WET SUCTION LIFT ON WATER

- 8 metres / 24 feet (Rubber Ball)

MAX AIR CONSUMPTION

- 140 scfm / 238m³/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 - 55 kg
- 316 St Steel - 98 kg
- Cast Iron - 102 kg

DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

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



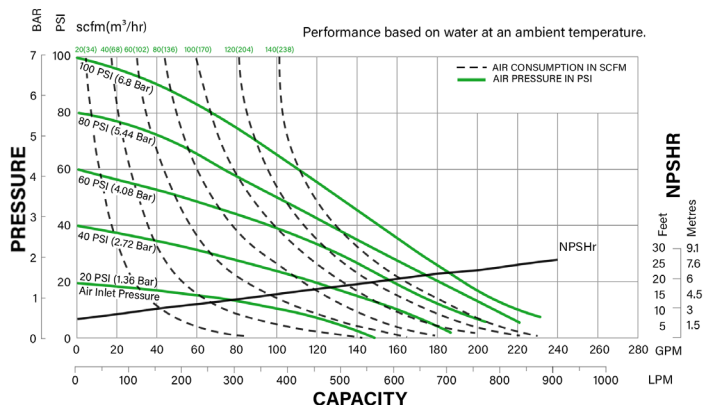
Aluminium



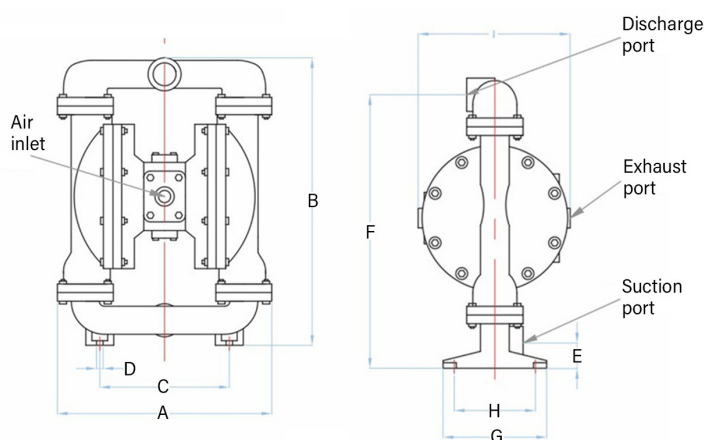
Stainless Steel

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	standard muffler (mm)	metal muffler (mm)
3" NPT/ BSP	3/4" NPT	1" NPT	499	815	305	17	60	761	298	258	400	425