

PUMP SPECIFICATIONS

PORT SIZE

- 3" BSP or NPT female

MAX FREE FLOW ON WATER AT 20°C/68°F

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

VOLUME DISPLACE PER FULL CYCLE

- 7.58 Litres / 2.0 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
- Cast Iron - 4-107°C / 40-225°F

MAX PUMPABLE PARTICLE SIZE

- 9.5mm / 3/8"

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 - 53 kg / 116 lb
- 316 St Steel - 87 kg / 194 lb
- Cast Iron - 98 kg / 215 lb

DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

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



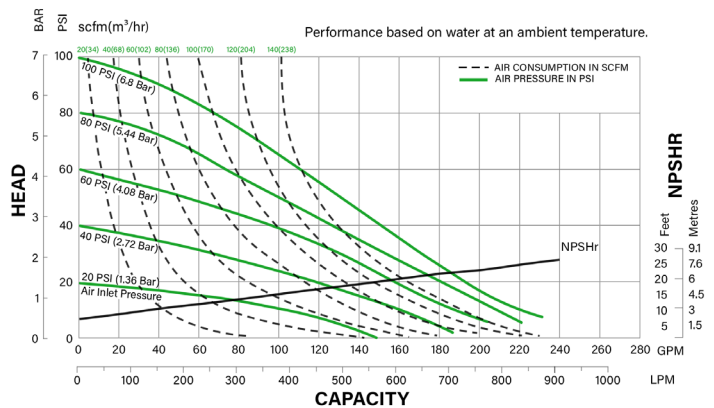
Aluminium



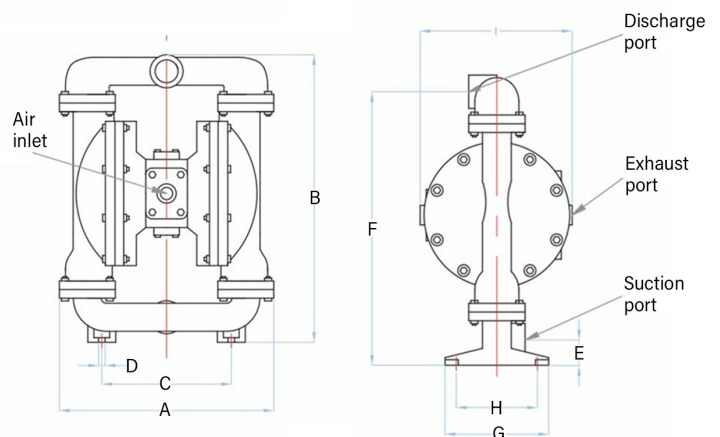
Stainless Steel

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	mm	mm	mm	mm	mm	mm	mm	mm	standard muffler
3" NPT/ BSP	3/4" NPT	1" NPT	499 19.6"	815 32.1"	305 12"	17 0.66"	60 2.4"	761 30.0"	298 11.7"	258 10.2"	400 15.75"	425 16.75"



II 2GD c T5