

PUMP SPECIFICATIONS

PORT SIZE

- 1.5" BSP or NPT female

MAX FREE FLOW ON WATER AT 20°C/68°F

- 401 LPM / 106 USGPM

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

VOLUME DISPLACE PER FULL CYCLE

- 3.1 Litres / 0.82 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

- 6.3mm / 1/4"

MAX DRY SUCTION LIFT ON WATER

- 4.6 metres / 14 feet (Rubber Balls)

MAX WET SUCTION LIFT ON WATER

- 7.6 metres / 23 feet (Rubber Balls)

MAX AIR CONSUMPTION

- 50 scfm / 85m³/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)

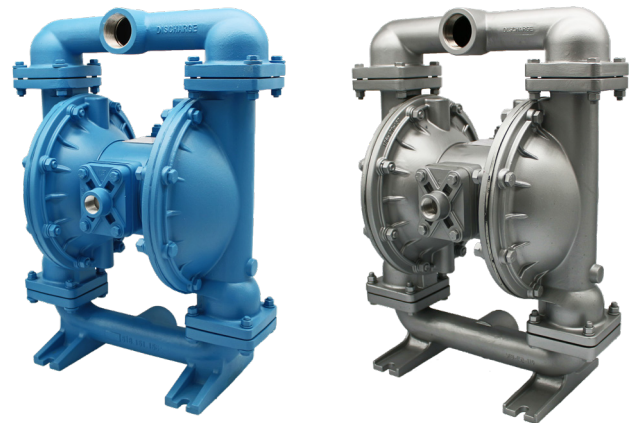
BODY MATERIALS AVAILABLE AND WEIGHT

- Aluminium - 24 kg / 53 lb
- 316 St Steel - 42 kg / 93 lb
- Cast Iron - 43 kg / 95 lb

DIAPHRAGM & CHECK VALVE

MATERIALS AVAILABLE

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

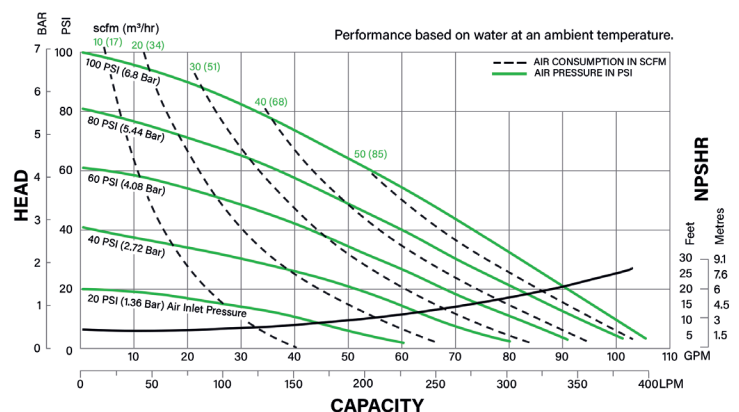


Aluminium & Cast Iron

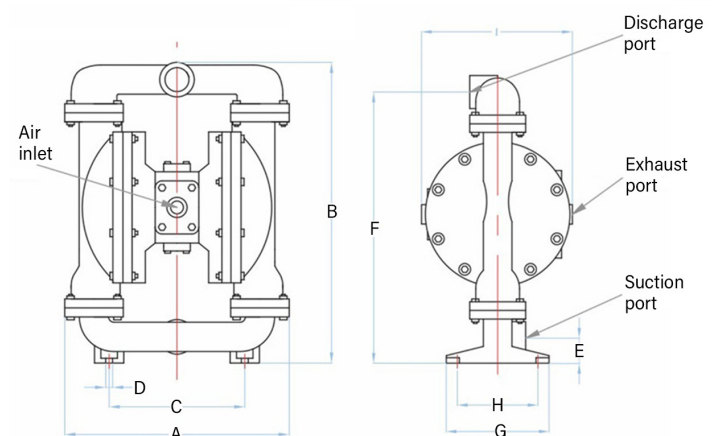
Stainless Steel

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/inches
1.5" NPT/ BSP	3/4" NPT	1" NPT	423 mm 16.7"	559 mm 22"	251 mm 9.9"	13 mm 0.5"	54 mm 2.1"	526 mm 20.7"	203 mm 8"	178 mm 7.0"	314 mm 12.4"	368 mm 14.5"