

PUMP SPECIFICATIONS

PORT SIZE

- (50mm) 2" Universal Flange (ANSI 150lb FF / PN10 BS4504 Dimensions)

MAX FREE FLOW ON WATER AT 20°C/68°F

- 609 LPM / 161 USGPM
- (on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACEMENT PER FULL CYCLE

- 3.46 Litres / 0.92 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 1.73 Litres / 0.46 US Gallons

MAX WORKING PRESSURE @ 20°C/68°F

- 6.8 Barg / 100 Psig

PUMP BODY MIN/MAX WORKING TEMP

- Polypropylene - 4-66°C / 40-150°F
- PVDF - 0-93°C / 32-200°F

MAX PUMPABLE PARTICLE SIZE

- 17.5mm / 11/16" 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

- 80 scfm / 136m³/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

- Polypropylene - 42 kg
- PVDF - 59 kg

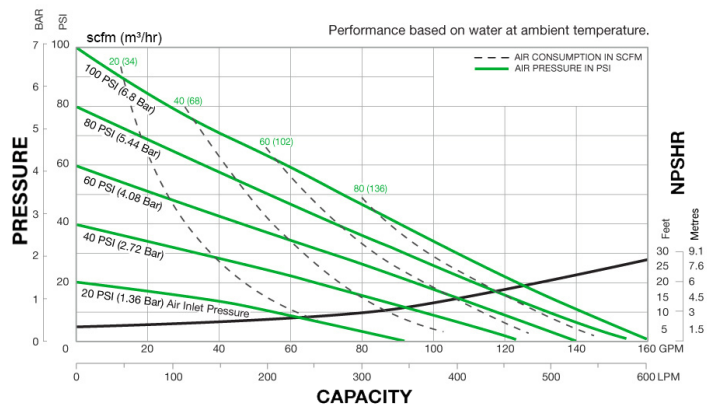
DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Santoprene
- PTFE
- Neoprene
- Hytrel
- FKM
- EPDM
- Nitrile
- Polypropylene
- PVDF

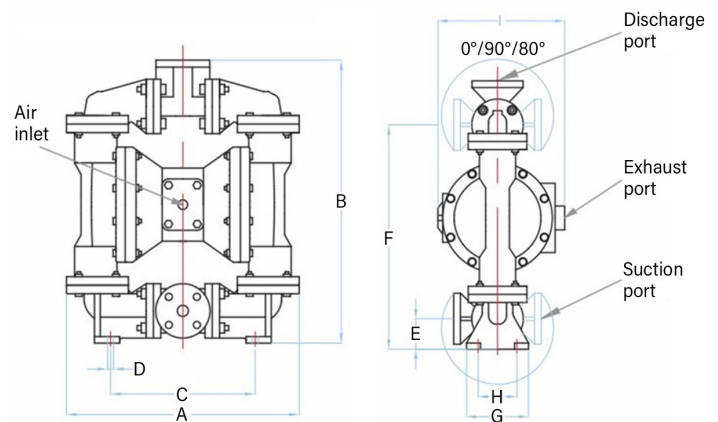


PERFORMANCE CURVE

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
2" Universal Flange	3/4" NPT	1" NPT	605	819	289	16	97	716	292	236	330	standard muffler (mm)
												metal muffler (mm)
												384