

PUMP SPECIFICATIONS

PORT SIZE

- 2 1/2" Tri-Clamp

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

- 3.18 Litres / 0.82 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 1.59 Litres / 0.41 US Gallons

MAX WORKING PRESSURE @ 20°C/68°F

- 6.8 Barg / 100 Psig

PUMP BODY MIN/MAX WORKING TEMP

- 316 St Steel - 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

- 316 St Steel - 56 kg

DIAPHRAGM & CHECK VALVE

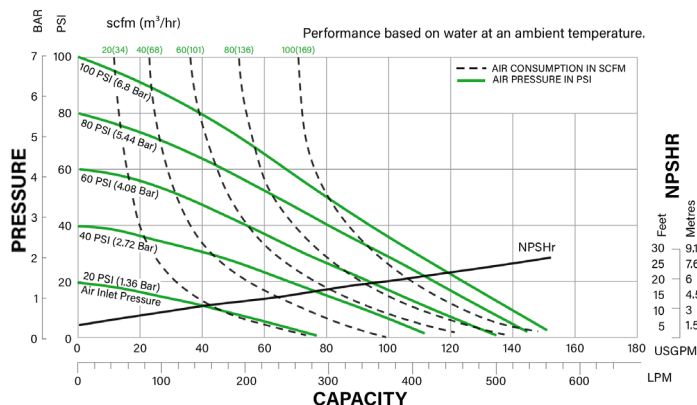
MATERIALS AVAILABLE

- FDA Santoprene
- PTFE

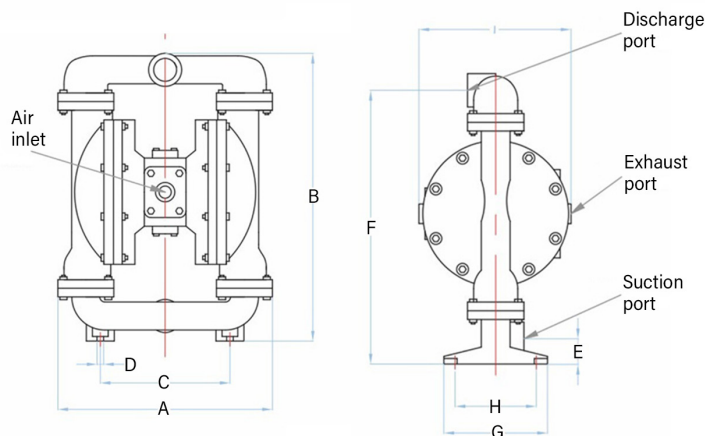


PERFORMANCE CURVE

Pump tested in water with inlet submerged



GA DRAWINGS



II 2GD c T5

| 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 1/2" Tri-Clamp | 3/4" NPT | 1" NPT | 428 | 669 | 256 | 13 | 51 | 631 | 254 | 228 | 320 | 373 |