

### PUMP SPECIFICATIONS

#### PORT SIZE

- 25mm / 1" Universal Flange (ANSI 150lb FF / PN10 BS4504 Dimensions)

#### MAX FREE FLOW ON WATER AT 20°C/68°F

- 200 LPM / 53 USGPM

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

#### VOLUME DISPLACEMENT PER FULL CYCLE

- 1.44 Litres / 0.38 US Gallons

#### VOLUME PER STROKE (HALF CYCLE)

- 0.72 Litres / 0.19 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

- 6.4mm / 1/4" in diameter

#### MAX DRY SUCTION LIFT ON WATER

- 4.6 metres / 14 feet (Rubber Balls)

#### MAX AIR CONSUMPTION

- 45 scfm / 74m<sup>3</sup>/hr

#### AIR INLET PORT SIZE

- 1/2" NPT female

#### AIR OUTLET PORT SIZE / MUFFLER

- 1" NPT female

#### MAX SOUND POWER LEVEL (DBA - ISO 9614-2)

- 95 dBA
- (at max air inlet pressure - will reduce with air pressure)

#### BODY MATERIALS AVAILABLE AND WEIGHT

- Polypropylene - 18.4 kg
- PVDF - 22.6 kg

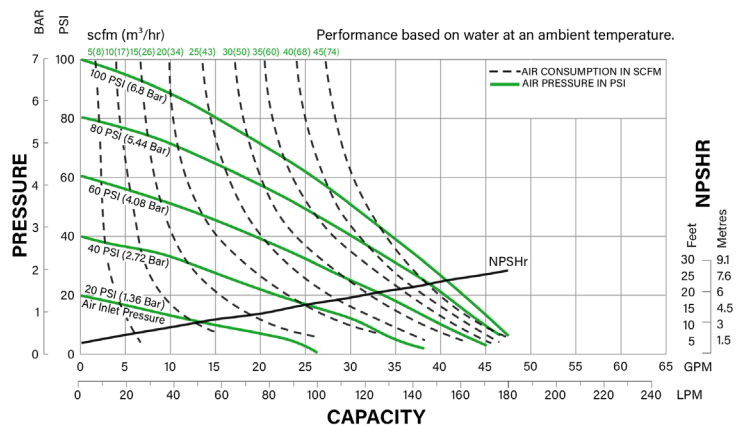
#### DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Santoprene
- PTFE
- PVDF

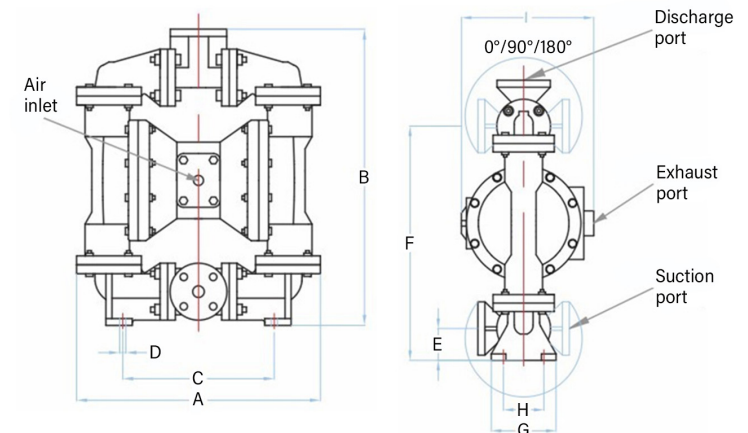


### PERFORMANCE CURVE

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  | mm  | mm  | mm | mm | mm  | mm  | mm  | standard muffler mm | metal muffler mm |
| 1" Universal Flange | 1/2" NPT       | 1" NPT            | 433 | 527 | 259 | 11 | 63 | 433 | 130 | 112 | 300                 | 343              |