

### PUMP SPECIFICATIONS

#### PORT SIZE

- 50mm / 2" Uni-Flange (PN10/ANSI 125lb FF)

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

- 605 LPM / 160 USGPM
- (on some models 20% reduction should PTFE Diaphragms be fitted)

#### VOLUME DISPLACE PER FULL CYCLE

- 3.46 Litres / 0.92 US Gallons

#### MIN/MAX WORKING PRESSURE @ 20°C/68°F

- 1.4-6.9 Barg / 20-100 Psig

#### PUMP BODY MIN/MAX WORKING TEMP

- Polypropylene - 4-66°C / 40-150°F

#### MAX PUMPABLE PARTICLE SIZE

- 17mm / 11/16"

#### 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 / 136m<sup>3</sup>/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 - 41 kg / 90 lb

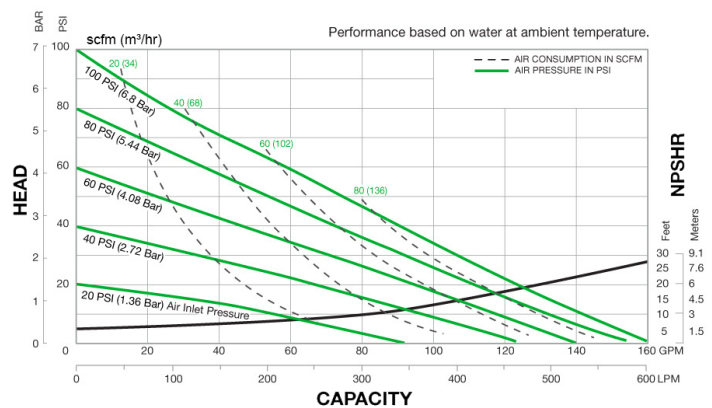
#### DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Santoprene
- PTFE

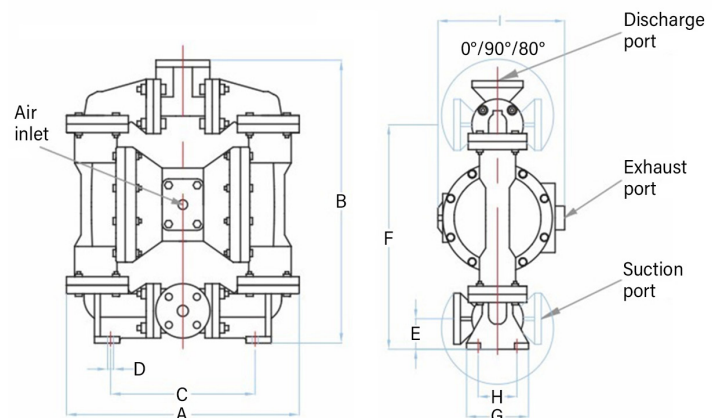


### PERFORMANCE CURVE

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
2" 150# Flange	3/4" NPT	1" NPT	605 23.8"	819 32.25"	289 11.4"	16 0.63"	97 3.8"	716 28.2"	292 11.5"	236 9.2"	330 13"	384 15.1"