

### PUMP SPECIFICATIONS

#### PORT SIZE

- 1/2" female & 1" male BSP or NPT

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

- 52 LPM / 14 USGPM  
(on some models 20% reduction should PTFE Diaphragms be fitted)

#### VOLUME DISPLACE PER FULL CYCLE

- 0.196 Litres / 0.052 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
- PVDF - 4-107°C / 40-225°F

#### MAX PUMPABLE PARTICLE SIZE

- 3mm / 1/8"

#### MAX DRY SUCTION LIFT ON WATER

- 4.4 metres / 13 feet (Rubber Balls)

#### MAX WET SUCTION LIFT ON WATER

- 7.6 metres / 23 feet (Rubber Balls)

#### MAX AIR CONSUMPTION

- 16 scfm / 27 m<sup>3</sup>/hr

#### AIR INLET PORT SIZE

- 1/4" NPT female

#### AIR OUTLET PORT SIZE / MUFFLER

- 3/8" 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 - 8 kg / 17 lb
- PVDF - 9 kg / 20 lb

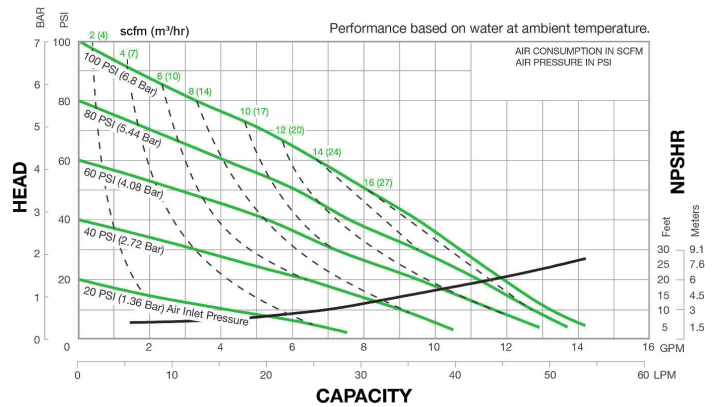
#### DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Santoprene
- PTFE

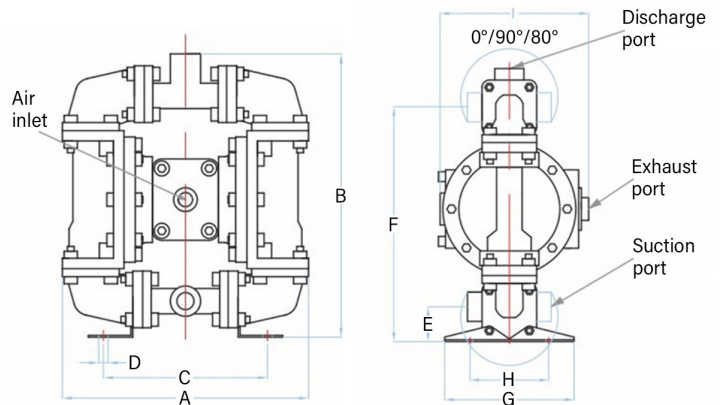


### PERFORMANCE CURVE

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
1/2" NPT/BSP (internal)	1/4" NPT	3/8" NPT	257	293	166	9	36	250	142	92	181	224
1" NPT/BSP (external)	1" NPT	1" NPT	10.1"	11.5"	6.6"	0.36"	1.4"	9.8"	5.6"	5.6"	7.1"	8.8"

