

PUMP SPECIFICATIONS

PORT SIZE

- 1/2" Female or 1" Male BSP Dual Connection
- 1/2" Female or 1" Male NPT Dual Connection

MAX FREE FLOW ON WATER AT 20°C/68°F

- 56 LPM / 15 USGPM

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

VOLUME DISPLACEMENT PER FULL CYCLE

- 0.196 Litres / 0.052 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 0.098 Litres / 0.026 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

- 3.2mm / 1/8" in diameter

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 m³/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 - 5.5 kg
- PVDF - 6.3 kg

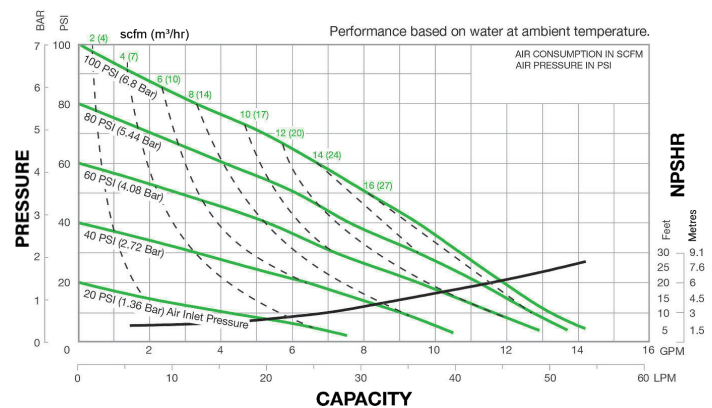
DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Santoprene
- PTFE
- Neoprene
- Hytrel
- Nitrile
- FKM
- EPDM
- Stainless Steel

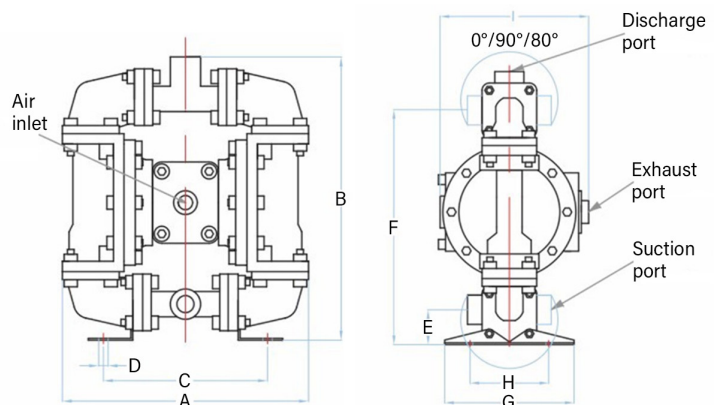


PERFORMANCE CURVE

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	
1/2" NPT/BSP (internal)	1/4" NPT	3/8" NPT	257	293	166	9	36	250	142	92	standard muffler mm
1" NPT/BSP (external)											metal muffler mm
											181
											224