

PUMP SPECIFICATIONS

PORT SIZE

- 1 1/2" ANSI Flange (150lb FF Dimensions)

MAX FREE FLOW ON WATER AT 20°C/68°F

- 378 LPM / 101 USGPM
- (on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACEMENT PER FULL CYCLE

- 3.26 Litres / 0.86 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 1.63 Litres / 0.43 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

- 12.7mm / 1/2" in diameter

MAX DRY SUCTION LIFT ON WATER

- 4.6 metres / 14 feet (Rubber Balls)

MAX WET SUCTION LIFT ON WATER

- 7.6 metres / 23 feet (Rubber Balls)

MAX AIR CONSUMPTION

- 50 scfm / 85m³/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 - 39.5 kg
- PVDF - 54 kg

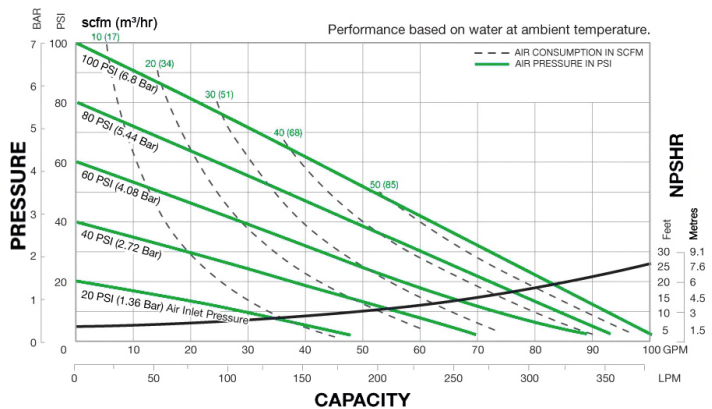
DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Santoprene
- PTFE
- Neoprene
- Hytrel
- Nitrile
- FKM
- EPDM
- PVDF
- Polypropylene

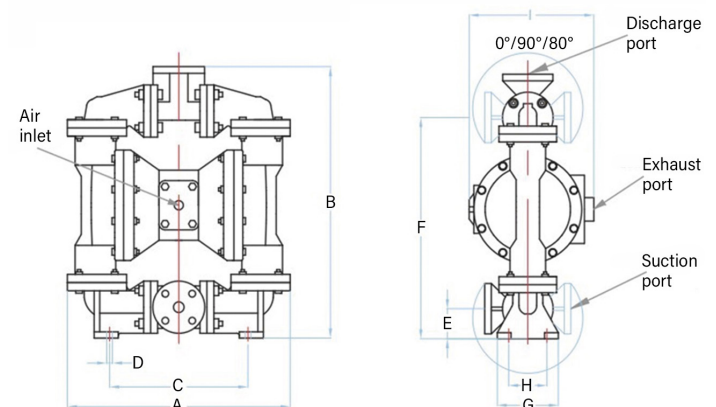


PERFORMANCE CURVE

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 1/2" ANSI Flange	3/4" NPT	1" NPT	584	730	287	16	89	640	228	172	330	384