

PUMP SPECIFICATIONS

PORT SIZE

- 40mm / 1.5" Uni-Flange (PN10/ANSI 125lb FF)

MAX FREE FLOW ON WATER AT 20°C/68°F

- 378 LPM / 100 USGPM

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

VOLUME DISPLACE PER FULL CYCLE

- 3.26 Litres / 0.86 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

- 12.7mm / 1/2"

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 - 36 kg / 80 lb

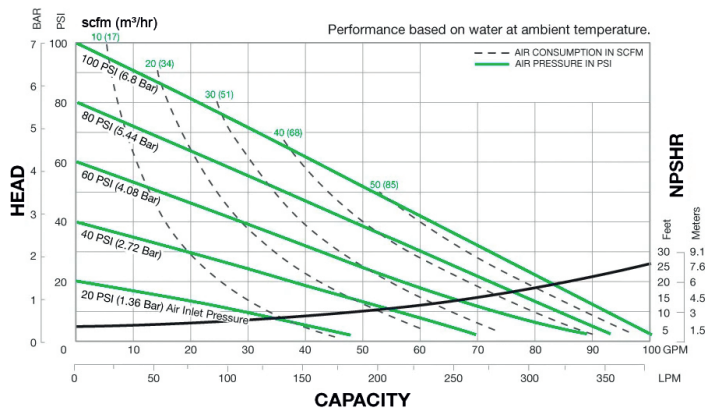
DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Santoprene
- PTFE

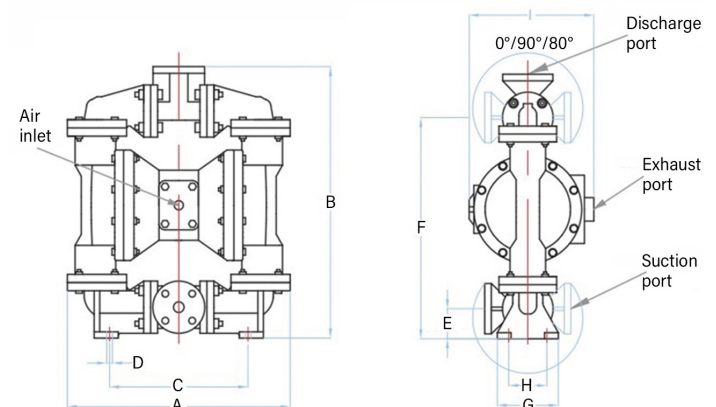


PERFORMANCE CURVE

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" 150# Flange	3/4" NPT	1" NPT	584	730	287	16	89	640	228	172	330	384
			23"	28.75"	11.3"	0.63"	3.5"	25.2"	9"	6.8"	13"	15.1"