

PUMP SPECIFICATIONS

PORT SIZE

- 22mm / 1" Uni-Flange (PN10/ANSI 125lb FF)

MAX FREE FLOW ON WATER AT 20°C/68°F

- 200 LPM / 53 USGPM

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

VOLUME DISPLACE PER FULL CYCLE

- 1.44 Litres / 0.38 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

- 6.3mm / 1/4"

MAX DRY SUCTION LIFT ON WATER

- 4.6 metres / 14 feet (Rubber Balls)

MAX AIR CONSUMPTION

- 45 scfm / 74m³/hr

AIR INLET PORT SIZE

- 1/2" NPT female

AIR OUTLET PORT SIZE / MUFFLER

- 1" 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 - 19 kg / 42 lb
- PVDF - 24 kg / 54 lb

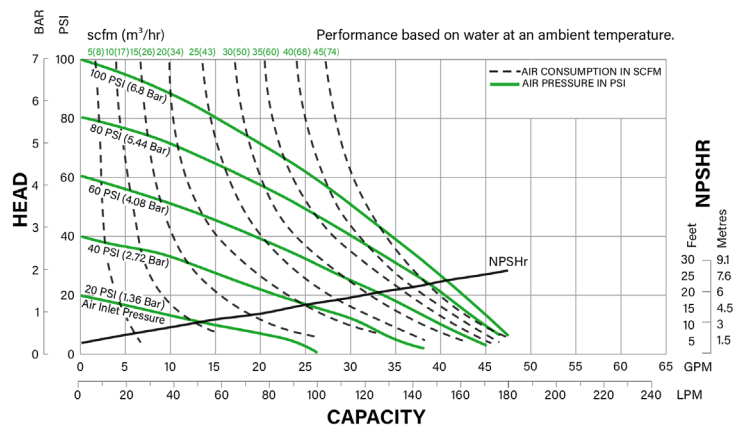
DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Santoprene
- PTFE

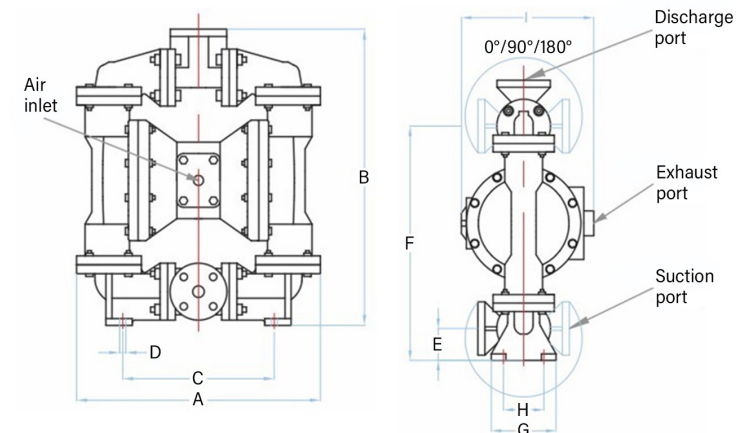


PERFORMANCE CURVE

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/inches
			mm	mm	mm	mm	mm	mm	mm	mm	mm	
1" 150# Flange	1/2" NPT	1" NPT	433	527	259	11	63	433	130	112	300	mm/inches
			17"	20.75"	10.2"	0.44"	2.5"	17"	5.1"	4"	11.8"	standard muffler
												metal muffler
												343
												13.5"