

PUMP SPECIFICATIONS

PORT SIZE

- 1" Inlet x 3/4" Outlet BSP Female
- 1" Inlet x 3/4" Outlet NPT Female

MAX FREE FLOW ON WATER AT 20°C/68°F

- 132 LPM / 35 USGPM
- (on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACEMENT PER FULL CYCLE

- 0.82 Litres / 0.30 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 0.42 Litres / 0.15 US Gallons

MAX WORKING PRESSURE @ 20°C/68°F

- 8.3 Barg / 120 Psig

PUMP BODY MIN/MAX WORKING TEMP

- Aluminium - 4-107°C / 40-225°F

MAX PUMPABLE PARTICLE SIZE

- 3.2mm / 1/8" in diameter

MAX DRY SUCTION LIFT ON WATER

- 5.1 metres / 17 feet (Rubber Balls)

MAX WET SUCTION LIFT ON WATER

- 9.45 metres / 31 feet (Rubber Balls)

MAX AIR CONSUMPTION

- 25 scfm / 42.5m³/hr

AIR INLET PORT SIZE

- 1/4" NPT Female

AIR OUTLET PORT SIZE / MUFFLER

- 1/2" 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

- Aluminium - 12 kg

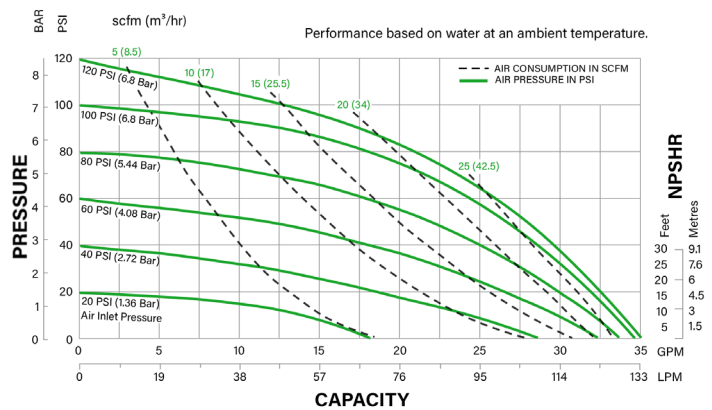
DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Neoprene
- EPDM
- Santoprene
- Alloy C
- Mild Steel
- Stainless Steel
- Nitrile
- PTFE
- FKM
- Polyurethane
- Hytre
- Aluminium

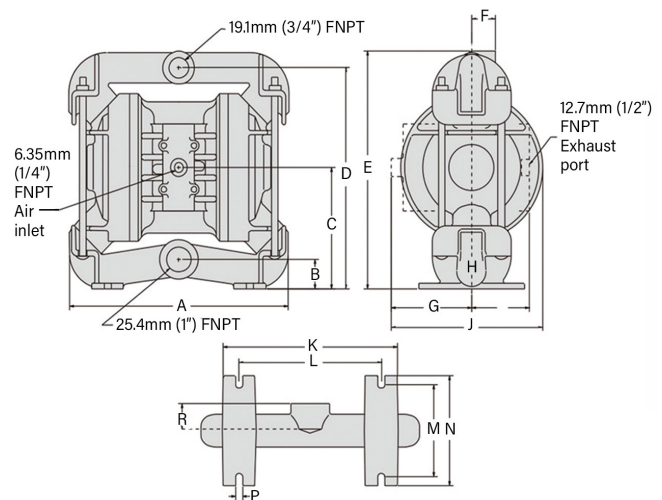


PERFORMANCE CURVE

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	J	K	L	M	N	P	R
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1" NPT/ BSP	1/4" NPT	1/2" NPT	267.5	36.5	138	254	279.4	28.6	95.3	77	184.2	209.6	171.5	106.4	127	7.9	31.8