

PUMP SPECIFICATIONS

PORT SIZE

- 1.5" Inlet x 1.25" Outlet BSP or NPT female

MAX FREE FLOW ON WATER AT 20°C/68°F

- 287 LPM / 76 USGPM
- (on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACE PER FULL CYCLE

- 1.04 Litres / 0.54 US Gallons

MIN/MAX WORKING PRESSURE @ 20°C/68°F

- 1.4-8.0 Barg / 20-120 Psig

PUMP BODY MIN/MAX WORKING TEMP

- Aluminium - 4-107°C / 40-225°F

MAX PUMPABLE PARTICLE SIZE

- 4.8mm / 3.16"

MAX DRY SUCTION LIFT ON WATER

- 4.6 metres / 14 feet (Rubber Ball)

MAX WET SUCTION LIFT ON WATER

- 7.6 metres / 23 feet (Rubber Ball)

MAX AIR CONSUMPTION

- 60 scfm / 102 m³/hr

AIR INLET PORT SIZE

- 1/2" NPT female

AIR OUTLET PORT SIZE / MUFFLER

- 3/4" 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 - 17.5 kg / 38 lb

DIAPHRAGM & CHECK VALVE

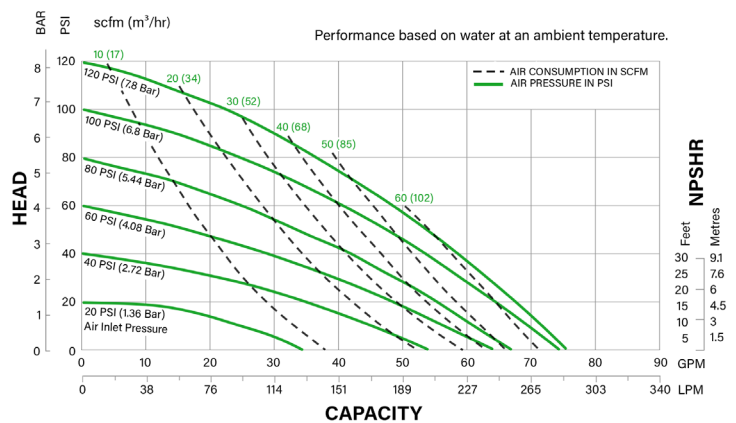
MATERIALS AVAILABLE

- Neoprene
- Buna-Nitrile
- EPDM
- PTFE
- Santoprene
- FKM

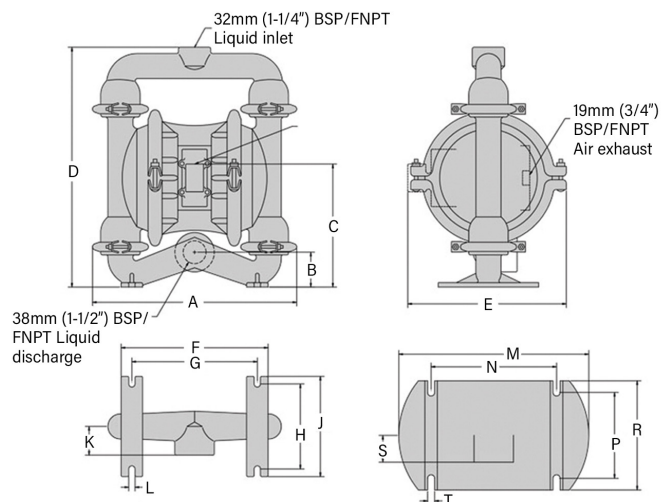


PERFORMANCE CURVE

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
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1.5" NPT/ BSP	1/2" NPT	3/4" NPT	391	63	219	442	285	262	224	152	178	67	11
			15.4"	2.5"	8.6"	17.4"	11.2"	10.3"	8.8"	6"	7"	2.6"	0.4"