

PUMP SPECIFICATIONS

PORT SIZE

- 1 1/2" Inlet x 1 1/4" Outlet BSP Female
- 1 1/2" Inlet x 1 1/4" Outlet NPT Female

MAX FREE FLOW ON WATER AT 20°C/68°F

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

VOLUME DISPLACEMENT PER FULL CYCLE

- 1.04 Litres / 0.54 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 0.52 Litres / 0.27 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

- 4.8 mm / 3/16" in diameter

MAX DRY SUCTION LIFT ON WATER

- 5.49 m / 18 ft (Rubber Ball)

MAX WET SUCTION LIFT ON WATER

- 8.53 m / 28 ft (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

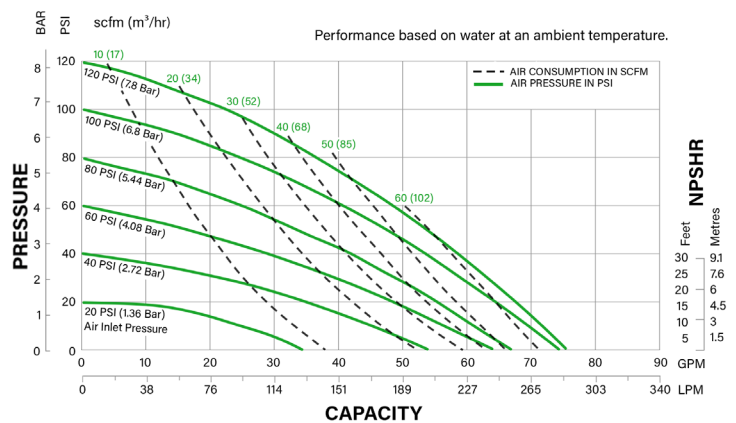
DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

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

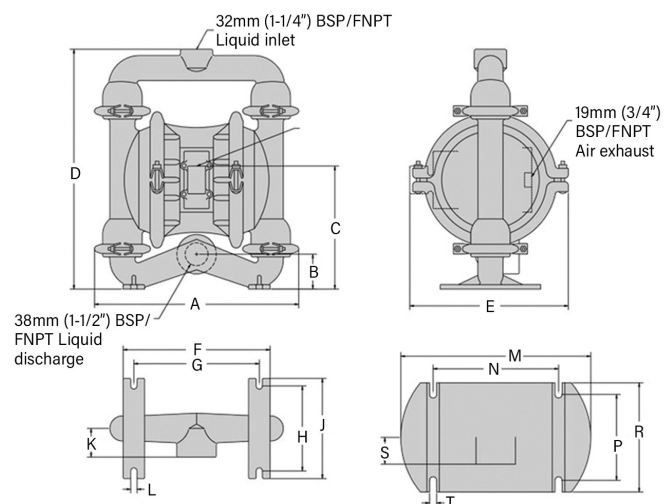


PERFORMANCE CURVE

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	mm	mm	mm
1 1/2" NPT /BSP	1/2" NPT	3/4" NPT	391	63	219	442	285	262	224	152	178	67	11