

PUMP SPECIFICATIONS

PORT SIZE

- 1/2" Female or 1" Male BSP Dual Connection
- 1/2" Female or 1" Male NPT Dual Connection

MAX FREE FLOW ON WATER AT 20°C/68°F

- 60 LPM / 16 USGPM
- (on some models 20% reduction should PTFE Diaphragms be fitted)

VOLUME DISPLACEMENT PER FULL CYCLE

- 0.196 Litres / 0.052 US Gallons

VOLUME PER STROKE (HALF CYCLE)

- 0.098 Litres / 0.026 US Gallons

MAX WORKING PRESSURE @ 20°C/68°F

- 6.8 Barg / 100 Psig

PUMP BODY MIN/MAX WORKING TEMP

- Aluminium - 4-107°C / 40-225°F
- 316 St Steel - 4-107°C / 40-225°F

MAX PUMPABLE PARTICLE SIZE

- 3.2mm / 1/8" in diameter

MAX DRY SUCTION LIFT ON WATER

- 4.4 metres / 13 feet (Rubber Balls)

MAX WET SUCTION LIFT ON WATER

- 7.6 metres / 23 feet (Rubber Balls)

MAX AIR CONSUMPTION

- 20 scfm / 34 m³/hr

AIR INLET PORT SIZE

- 1/4" NPT female

AIR OUTLET PORT SIZE / MUFFLER

- 3/8" NPT female

MAX SOUND POWER LEVEL (DBA - ISO 9614-2)

- 95 dBA
- (at max air inlet pressure - will reduce with air pres)

BODY MATERIALS AVAILABLE AND WEIGHT

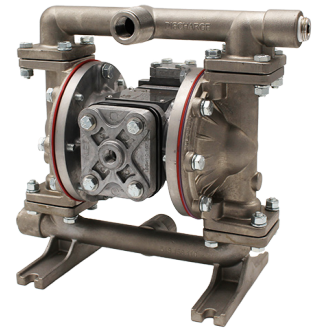
- Aluminium - 8 kg / 18 lb
- 316 St Steel - 12 kg / 26 lb

DIAPHRAGM & CHECK VALVE MATERIALS AVAILABLE

- Neoprene
- EPDM
- Santoprene
- Nitrile
- PTFE
- FKM
- Hytrel
- Aluminium
- UHMW
- Stainless Steel



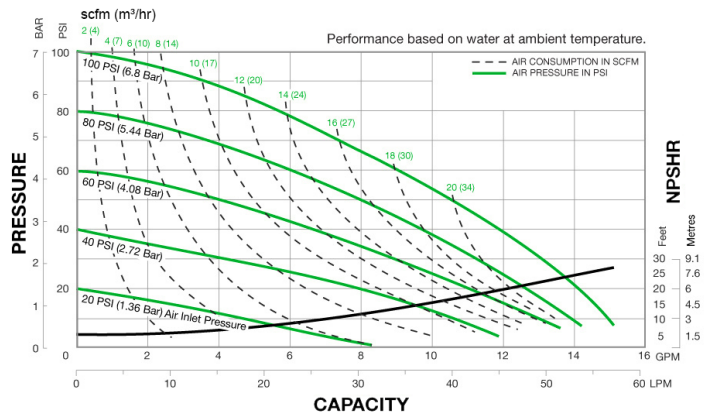
Aluminium



Stainless Steel

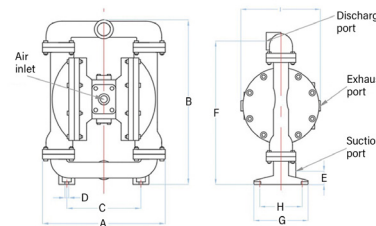
PERFORMANCE CURVE

Pump tested in water with inlet submerged

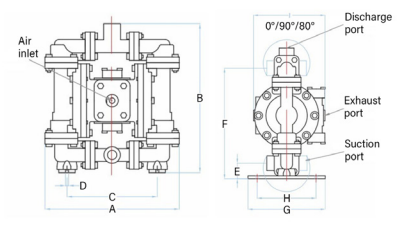


GA DRAWINGS

Aluminium



Stainless Steel



Aluminium

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 (mm)
1/2" NPT/BSP (internal) 1" NPT/BSP (external)	1/4" NPT	3/8" NPT	260	292	184	8	34	247	172	140	186	219

Stainless Steel

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 (mm)
1/2" NPT/BSP (internal) 1" NPT/BSP (external)	1/4" NPT	3/8" NPT	260	263	183	10	33	247	156	140	186	219