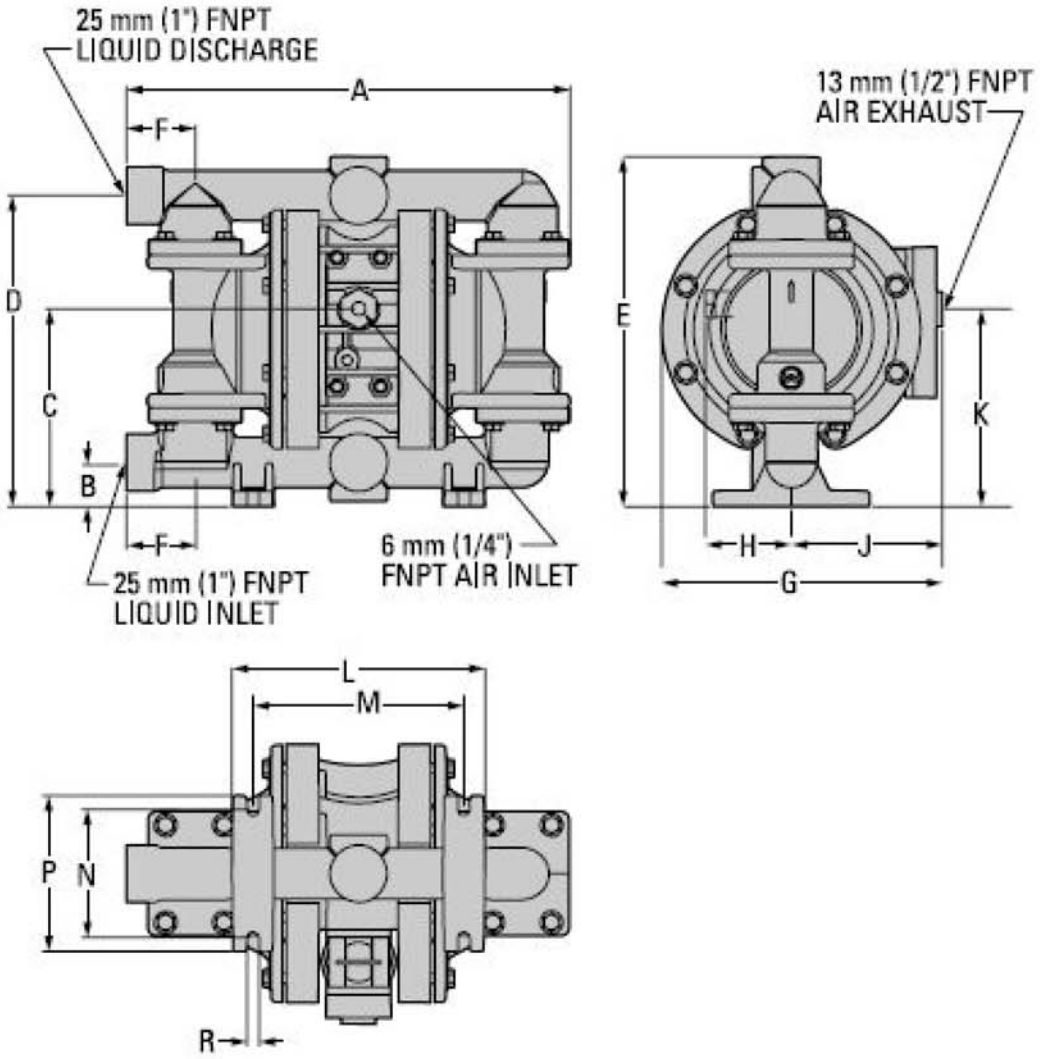
AL 1 PTFE



DIMENSIONS

ITEM	METRIC (mm)	STANDARD (inch)
A	363	14.3
B	36	1.4
C	163	6.4
D	257	10.1
E	290	11.4
F	56	2.2
G	229	9.0
H	71	2.8
J	122	4.8
K	163	6.4
L	208	8.2
M	173	6.8
N	104	4.1
P	127	5.0
R	10	0.4

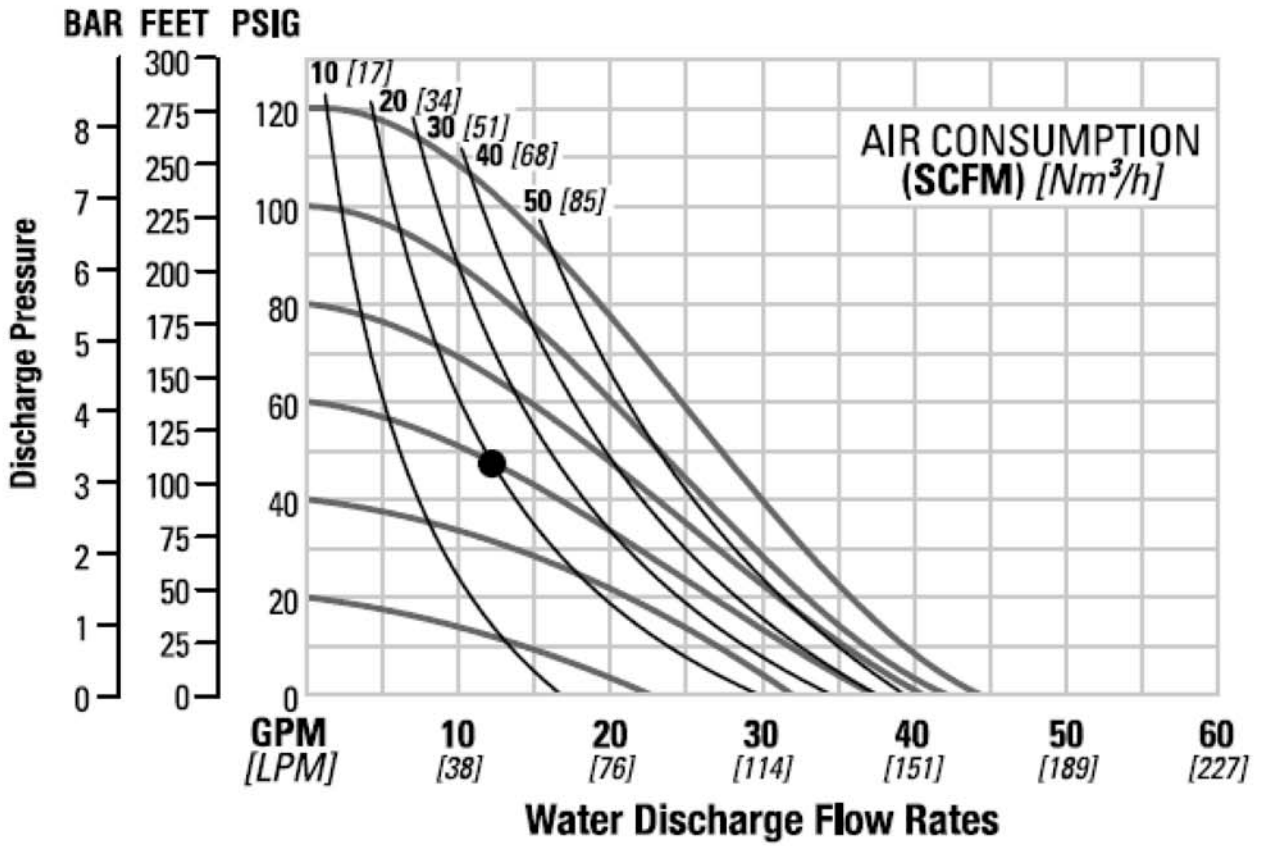
AL 1 PTFE

Height	343 mm (13.5")
Width	378 mm (14.9")
Depth	229 mm (9.0")
Ship Weight	Aluminum 11 kg (24 lbs.)
	Ductile Iron 21 kg (47 lbs.)
	316 Stainless Steel 23 kg (51 lbs.)
Air Inlet	6 mm (1/4")
Inlet	25 mm (1")
Outlet	25 mm (1")
Suction Lift	3.5 m Dry (11.4')
	9.3 m Wet (30.6')
Displacement Per Stroke	0.23 l (0.06 gal.)[1]
Max. Flow Rate	168.1 lpm (44.4 gpm)
Max. Size Solids	6.4 mm (1/4")

[1]Displacement per stroke was calculated at 4.8 bar (70 psig) air inlet pressure against a 2 bar (30 psig) head pressure.

Example: To pump 45.4 lpm (12 gpm) against a discharge pressure head of 3.2 bar (47 psig) requires 4.1 bar (60 psig) and 34.0 Nm³/h (20 scfm) air consumption. (See dot on chart.)

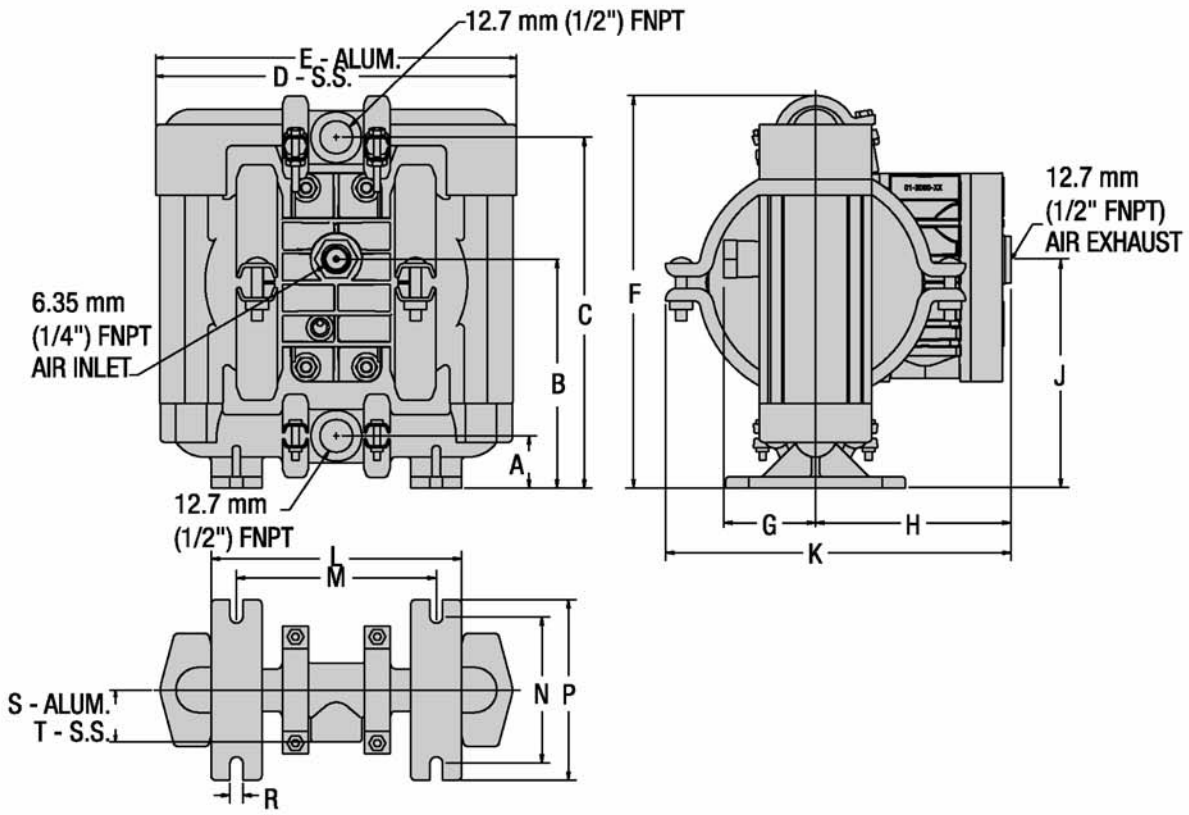
Caution: Do not exceed 8.6 bar (125 psig) air supply pressure.



Flow rates indicated on chart were determined by pumping water.

For optimum life and performance, pumps should be specified so that daily operation -parameters will fall in the center of the pump performance curve

AL 1/2 PTFE



DIMENSIONS – P1 (METAL)		
ITEM	METRIC (mm)	STANDARD (inch)
A	28.6	1.12
B	129.4	5.09
C	198.5	7.81
D	203.2	8
E	207.2	8.15
F	222.3	8.75
G	55.6	2.18
H	115.1	4.53
J	129.4	5.09
K	204.8	8.06
L	139.7	5.50
M	111.9	4.40
N	82.6	3.25
P	101.6	4
R	7.1	.28
S	30.2	1.18
T	30.2	1.18

BSP threads available.

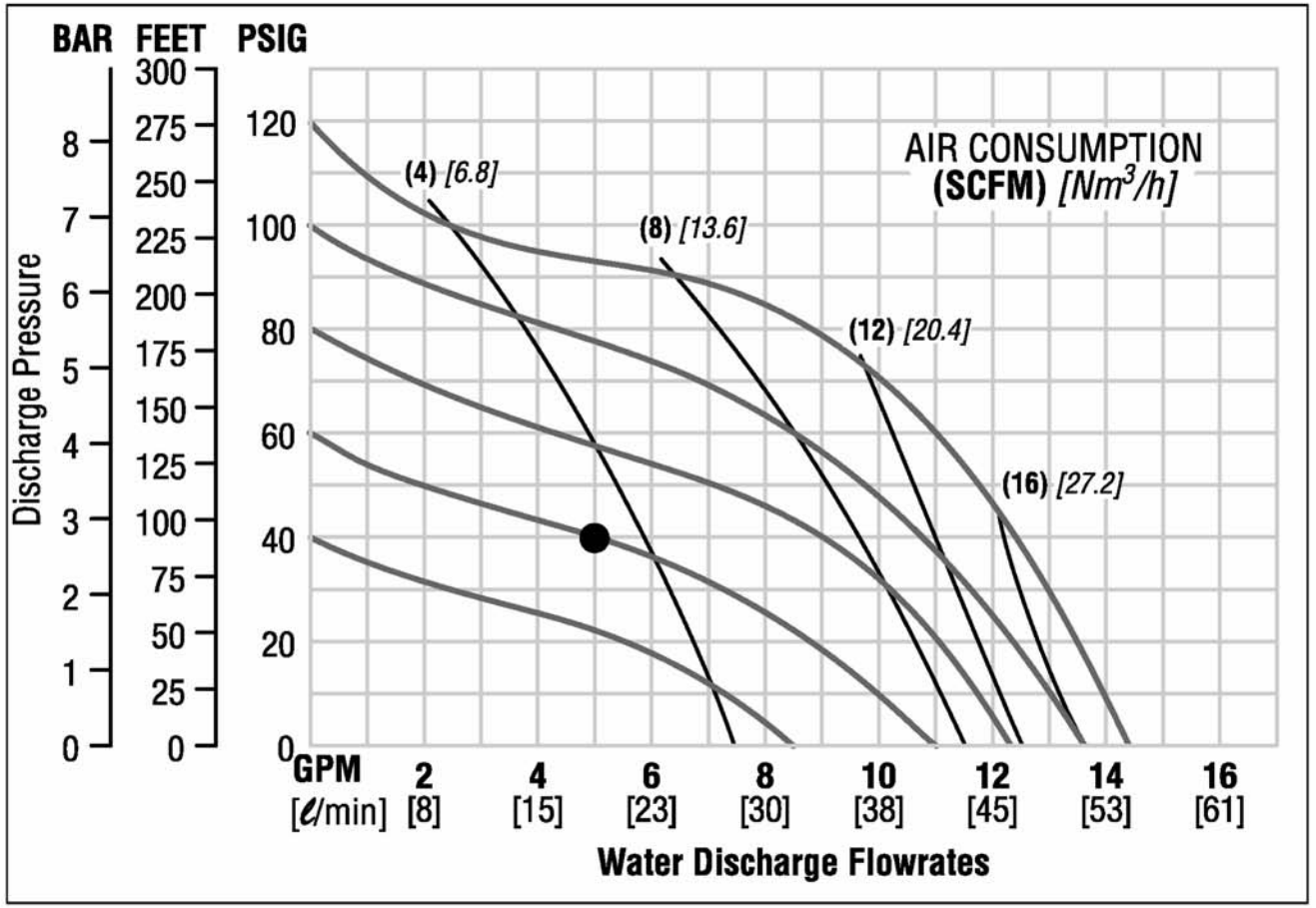
AL 1/2 PTFE

Height .....222.3 mm (8¾")
Width .....207.2 mm (8 5/32")
Depth.....204.8 mm (8 1/16")
Ship Weight .....Aluminum 6 kg (13 lbs.)
Stainless Steel 9.2 kg (20 lbs.)
Air Inlet .....6.35 mm (¼")
Inlet .....1.27 cm (½")
Outlet.....1.27 cm (½")
Suction Lift .....4.88 m Dry (16')
9.45 m Wet (31')
Displacement per
Stroke ..... .09 l (0.025 gal.)[1]
Max. Flow Rate.....54.41 lpm (14.4 gpm)
Max. Size Solids.....1.59 mm (1/16")

[1]Displacement per stroke was calculated at 4.8 Bar (70 psig) air inlet pressure against a 2 Bar (30 psig) head pressure.

Example: To pump 18.9 lpm (5 gpm) against a discharge pressure head of 2.7 Bar (40 psig) requires 4 Bar (60 psig) and 5.92 Nm^3/h (3.5 scfm) air consumption. (See dot on chart.)

Caution: Do not exceed 8.6 Bar (125 psig) air supply pressure.



Flow rates indicated on chart were determined by pumping water.

For optimum life and performance, pumps should be specified so that daily operation parameters will fall in the center of the pump performance curve.