

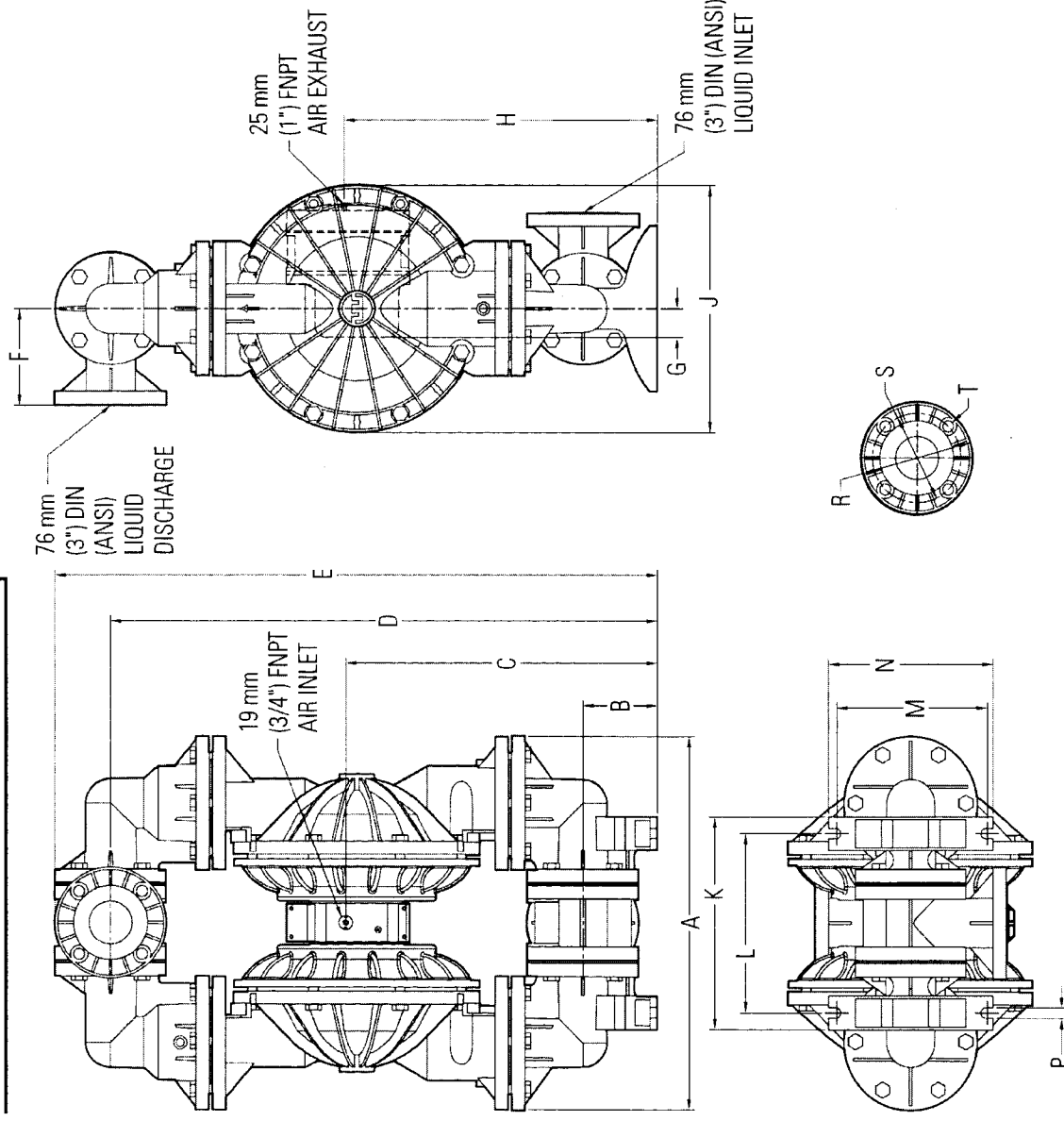
TECHNIQUES DES FLUIDES

10 Rue Jean Poulmarch, bat. 3
 Z.I. Du Val d'Argent
 95100 Argenteuil
 Tel. : 01.34.11.13.73 / Fax : 01.34.11.96.35

E-mail : tdf@techniquesfluides.fr
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PV1500 Aluminum



DIMENSIONS

ITEM	METRIC (mm)	STANDARD (inch)
A	615	24.2
B	127	5.0
C	533	21.0
D	935	36.8
E	1031	40.6
F	165	6.5
G	48	1.9
H	536	21.1
J	421	16.6
K	363	14.3
L	307	12.1
M	259	10.2
N	282	11.1
P	18	0.7
	DIN (mm)	ANSI (inch)
R	200 DIA.	7.5 DIA.
S	160 DIA.	6.0 DIA.
T	18 DIA.	0.8 DIA.

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PV1500 ALUMINUM RUBBER-FITTED

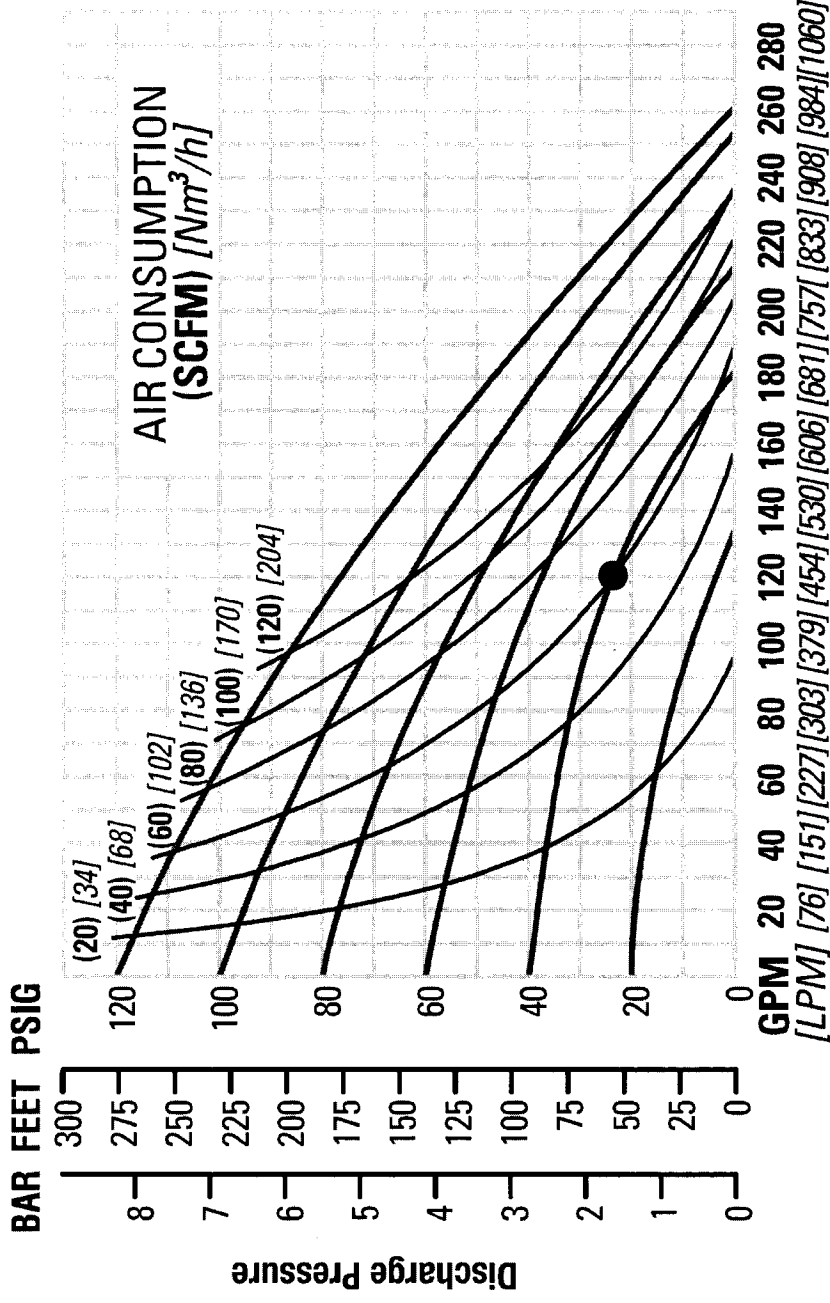
Height..... 1031 mm (40.6")
 Width..... 615 mm (24.2")
 Depth..... 422 mm (16.6")
 Ship Weight.... Aluminum 78 kg (171 lbs.)
 Air Inlet..... 13 mm (1/2")
 Inlet..... 76 mm (3")
 Outlet..... 76 mm (3")
 Suction Lift 6.6 m Dry (21.6')
 9.5 m Wet (31.2')
 Displacement/Stroke.... 2.99 L (0.79 gal.)¹
 Max. Flow Rate..... 984 lpm (260 gpm)
 Max. Size Solids..... 12.7 mm (1/2")

¹Displacement per stroke was calculated at 4.8 bar (70 psig) air inlet pressure against a 2.1 bar (30 psig) head pressure.

Example: To pump 454 lpm (120 gpm) against a discharge pressure head of 1.7 bar (24 psig) requires 2.8 bar (40 psig) and 102 Nm³/h (60 scfm) air consumption.

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

PROFLO V™



Water Discharge Flow Rates

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.

TECHNIQUES DES FLUIDES

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PV1500 ALUMINUM TPE-FITTED

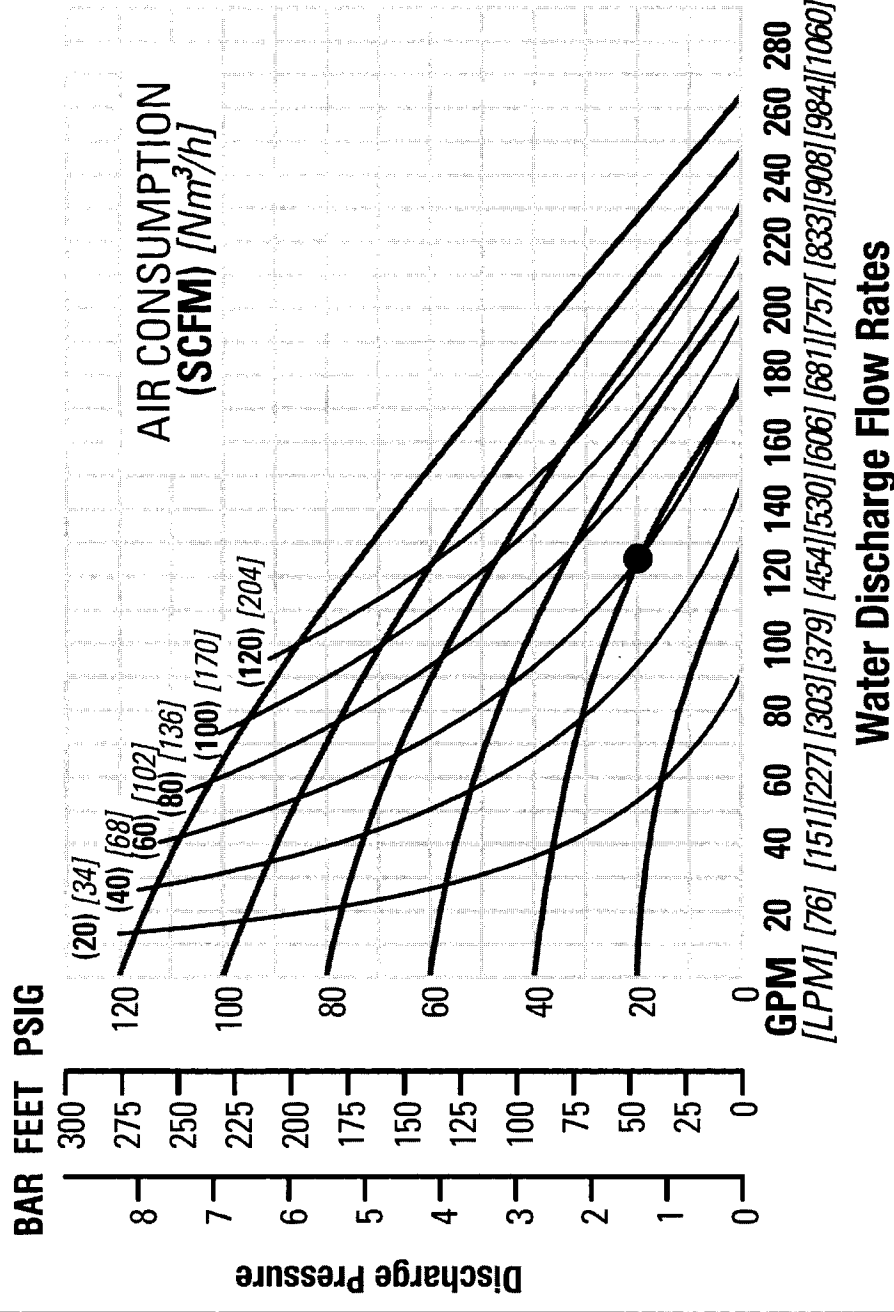
Height..... 1031 mm (40.6")
 Width..... 615 mm (24.2")
 Depth..... 422 mm (16.6")
 Ship Weight Aluminum 78 kg (171 lbs.)
 Air Inlet..... 13 mm (1/2")
 Inlet..... 76 mm (3")
 Outlet..... 76 mm (3")
 Suction Lift 7.6 m Dry (25.0')
 9.5 m Wet (31.2')
 Displacement/Stroke.... 2.95 L (0.78 gal.)¹
 Max. Flow Rate..... 999 lpm (264 gpm)
 Max. Size Solids..... 12.7 mm (1/2")

¹Displacement per stroke was calculated at 4.8 bar (70 psig) air inlet pressure against a 2.1 bar (30 psig) head pressure.

Example: To pump 473 lpm (125 gpm) against a discharge pressure head of 1.4 bar (20 psig) requires 2.8 bar (40 psig) and 102 Nm³/h (60 scfm) air consumption.

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

PROFLOV™



Flow rates indicated on chart were determined by pumping water.

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TECHNIQUES DES FLUIDES



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PV1500 ALUMINUM ULTRA-FLEX™-FITTED

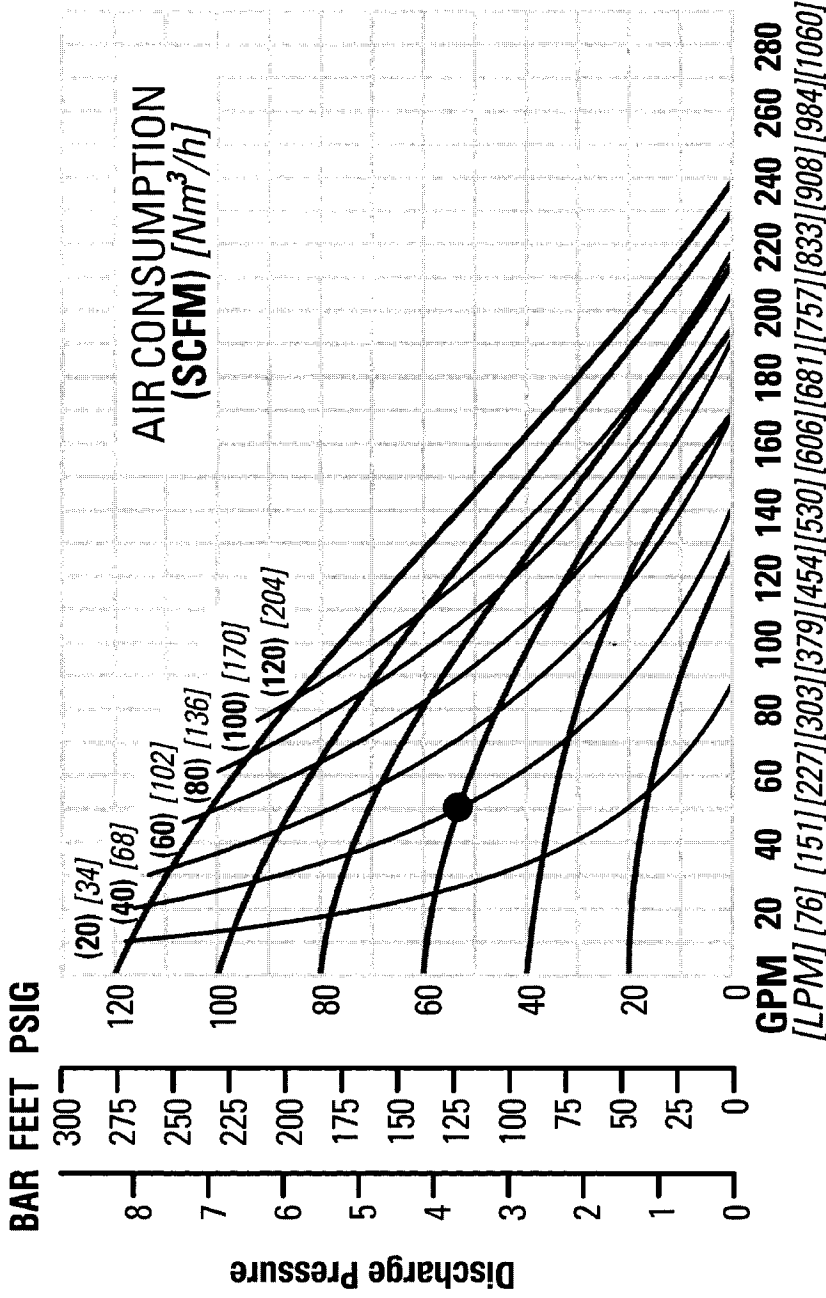
Height	1031 mm (40.6")
Width	615 mm (24.2")
Depth	422 mm (16.6")
Ship Weight	Aluminum 78 kg (171 lbs.)
Air Inlet.....	13 mm (1/2")
Inlet.....	76 mm (3")
Outlet.....	76 mm (3")
Suction Lift	6.1 m Dry (19.9') 9.5 m Wet (31.2')
Displacement/Stroke.....	2.12 L (0.56 gal.) ¹
Max. Flow Rate.....	905 lpm (239 gpm)
Max. Size Solids	12.7 mm (1/2")

¹Displacement per stroke was calculated at 4.8 bar (70 psig) air inlet pressure against a 2.1 bar (30 psig) head pressure.

Example: To pump 189 lpm (50 gpm) against a discharge pressure head of 3.7 bar (53 psig) requires 4.1 bar (60 psig) and 68 Nm³/h (40 scfm) air consumption.

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

PROFLOV™



Water Discharge Flow Rates

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.

TECHNIQUES DES FLUIDES

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PV1500 ALUMINUM TEFLON®-FITTED

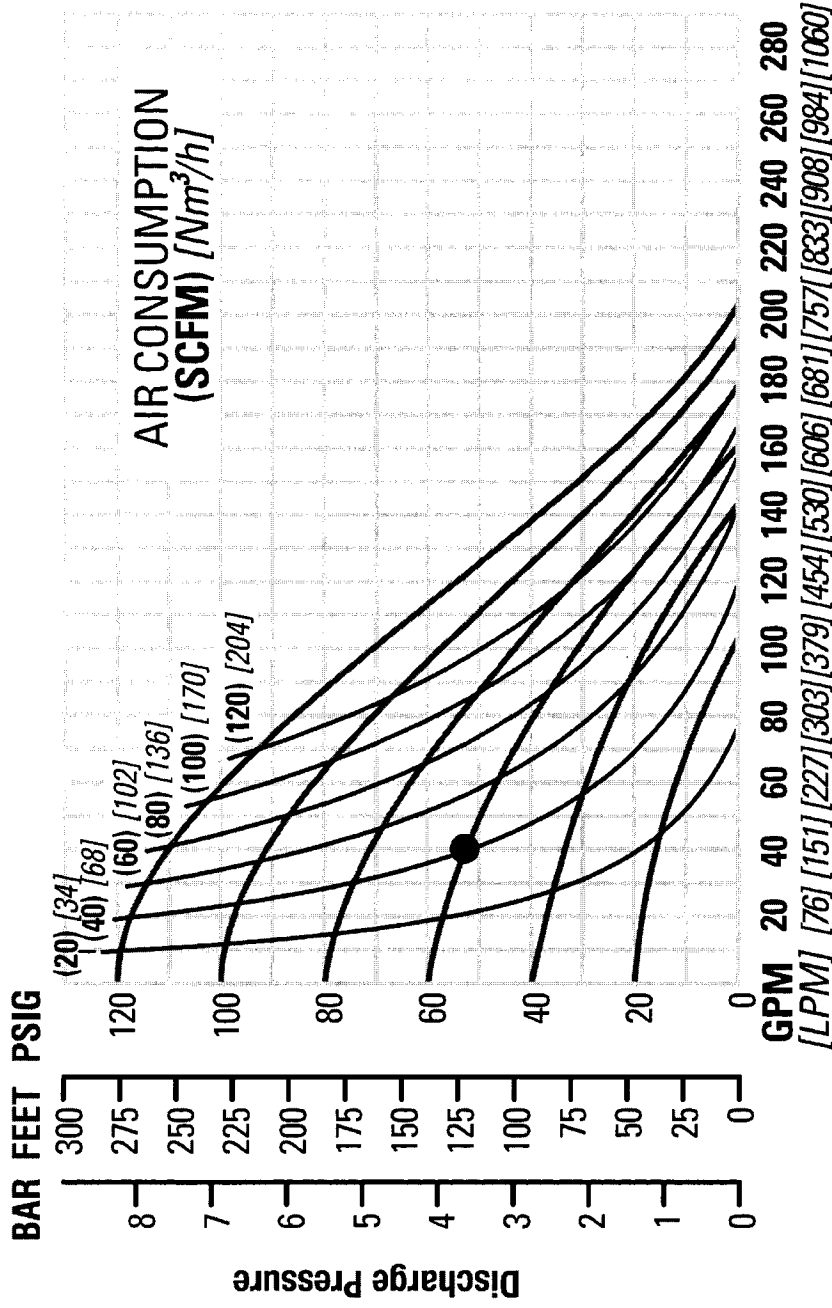
Height..... 1031 mm (40.6")
 Width..... 615 mm (24.2")
 Depth..... 422 mm (16.6")
 Ship Weight Aluminum 78 kg (171 lbs.)
 Air Inlet..... 13 mm (1/2")
 Inlet..... 76 mm (3")
 Outlet..... 76 mm (3")
 Suction Lift 5.0 m Dry (16.5')
 9.5 m Wet (31.2')
 Displacement/Stroke.... 1.67 L (0.44 gal.)¹
 Max. Flow Rate..... 772 lpm (204 gpm)
 Max. Size Solids..... 12.7 mm (1/2")

¹Displacement per stroke was calculated at 4.8 bar (70 psig) air inlet pressure against a 2.1 bar (30 psig) head pressure.

Example: To pump 151 lpm (40 gpm) against a discharge pressure head of 3.7 bar (53 psig) requires 4.1 bar (60 psig) and 68 Nm³/h (40 scfm) air consumption.

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

PROFLOV™



Water Discharge Flow Rates

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.