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

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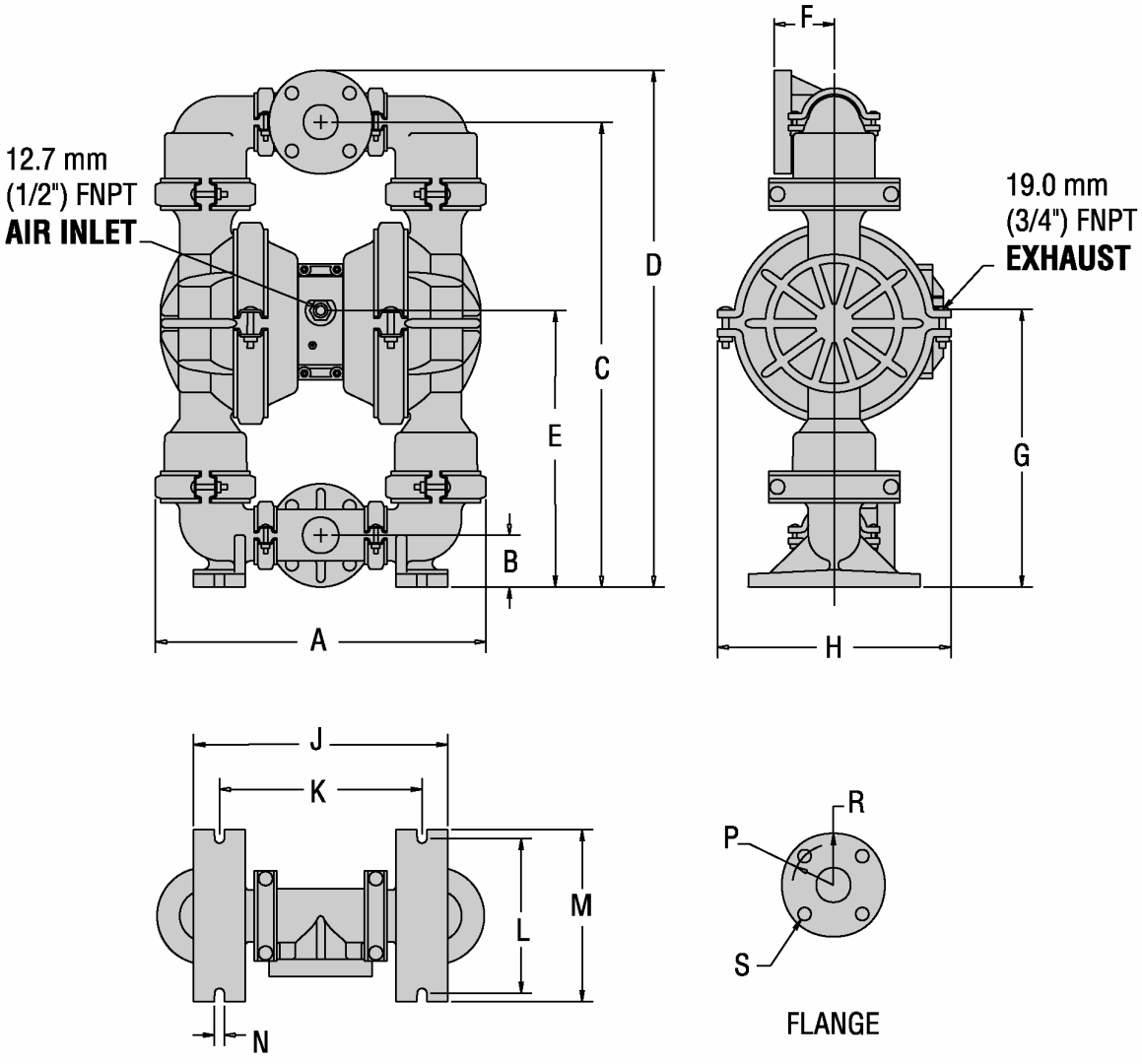
MODEL P8 PLASTIC PUMP



DIMENSIONS – P8 PLASTIC		
ITEM	METRIC (mm)	STANDARD (inch)
A	491.4	19.34
B	77.0	3.03
C	693.0	27.28
D	770.0	30.31
E	409.6	16.12
F	88.9	3.50
G	366.7	16.43
H	332.65	13.09
J	836.6	15.21
K	306.4	12.06
L	228.6	9
M	254.0	10
N	14.3	.56
	METRIC (mm)	STANDARD (inch)
P	60.3 RAD.	2.37 RAD.
R	76.2 RAD.	3.03 RAD.
S	19.8 RAD.	.78 DIA.

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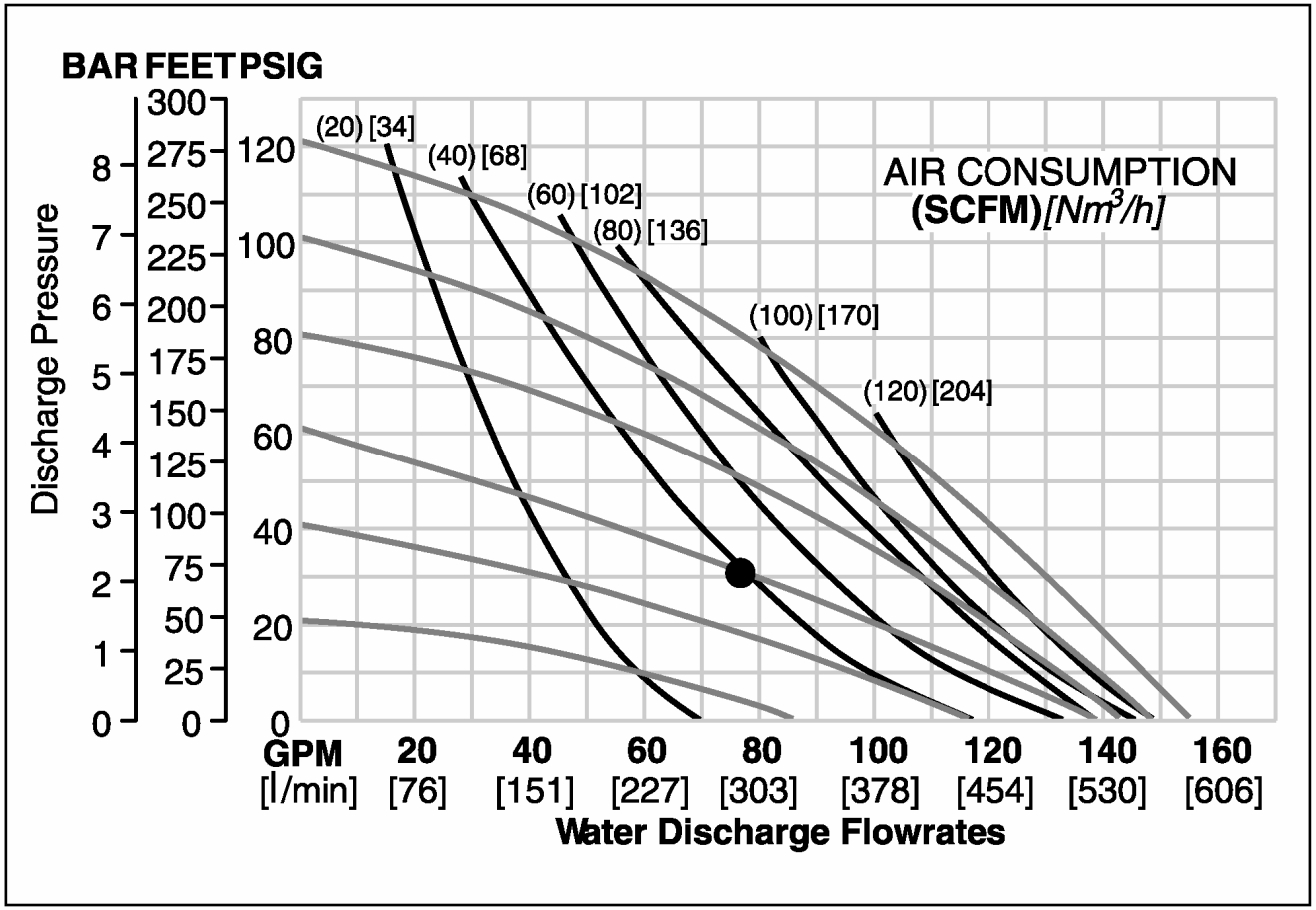
MODEL P8 PLASTIC RUBBER-FITTED

Height.....77.0 cm(30 5/16")
Width.....49.1 cm (19 11/32")
Depth.....33.2 cm (13 3/32")
Ship Weight..Polypropylene 33.8 kg (74.6 lbs.)
PVDF 42.9 kg (94.6 lbs.)
Air Inlet.....1.27 cm (½")
Inlet.....5.08 cm (2")
Outlet.....5.08 cm (2")
Suction Lift .....7.0 m Dry (23')
9.45 m Wet (31')
Displacement per
Stroke ..... 2.91 l (.77 gal.)[1]
Max. Flow Rate.....586.7 l/m (155 gpm)
Max. Size Solids.....6.35 mm (¼")

[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 291.5 lpm (77 gpm) against a discharge pressure head of 2.0 Bar (30 psig) requires 4.1 Bar (60 psig) and 68 Nm^3/h (40 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.

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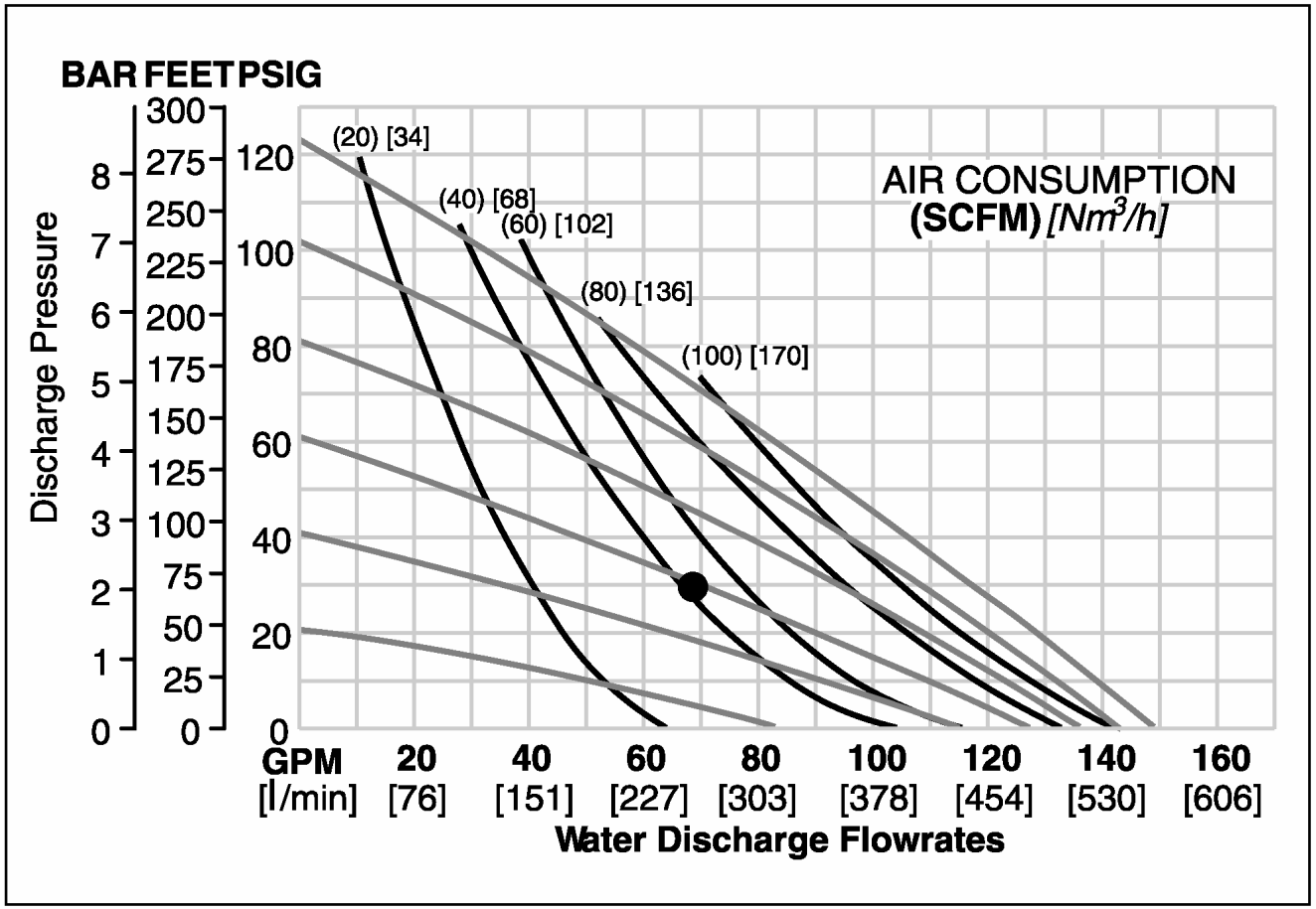
MODEL P8 PLASTIC ULTRA-FLEX™-FITTED

Height.....77.0 cm (30 5/16")
Width.....49.1 cm (19 11/32")
Depth.....33.2 cm (13 3/32")
Ship Weight..Polypropylene 33.8 kg (74.6 lbs.)
PVDF 42.9 kg (94.6 lbs.)
Air Inlet.....1.27 cm (½")
Inlet .....5.08 cm (2")
Outlet .....5.08 cm (2")
Suction Lift .....4.88 m Dry (16')
8.84 m Wet (29')
Displacement per
Stroke ..... 2.12 l (.56 gal.)[1]
Max. Flow Rate.....560.2 l/m (148 gpm)
Max. Size Solids.....6.35 mm (¼")

[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 257.4 lpm (68 gpm) against a discharge pressure head of 2.0 Bar (30 psig) requires 4.1 Bar (60 psig) and 76.5 Nm³/h (45 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.

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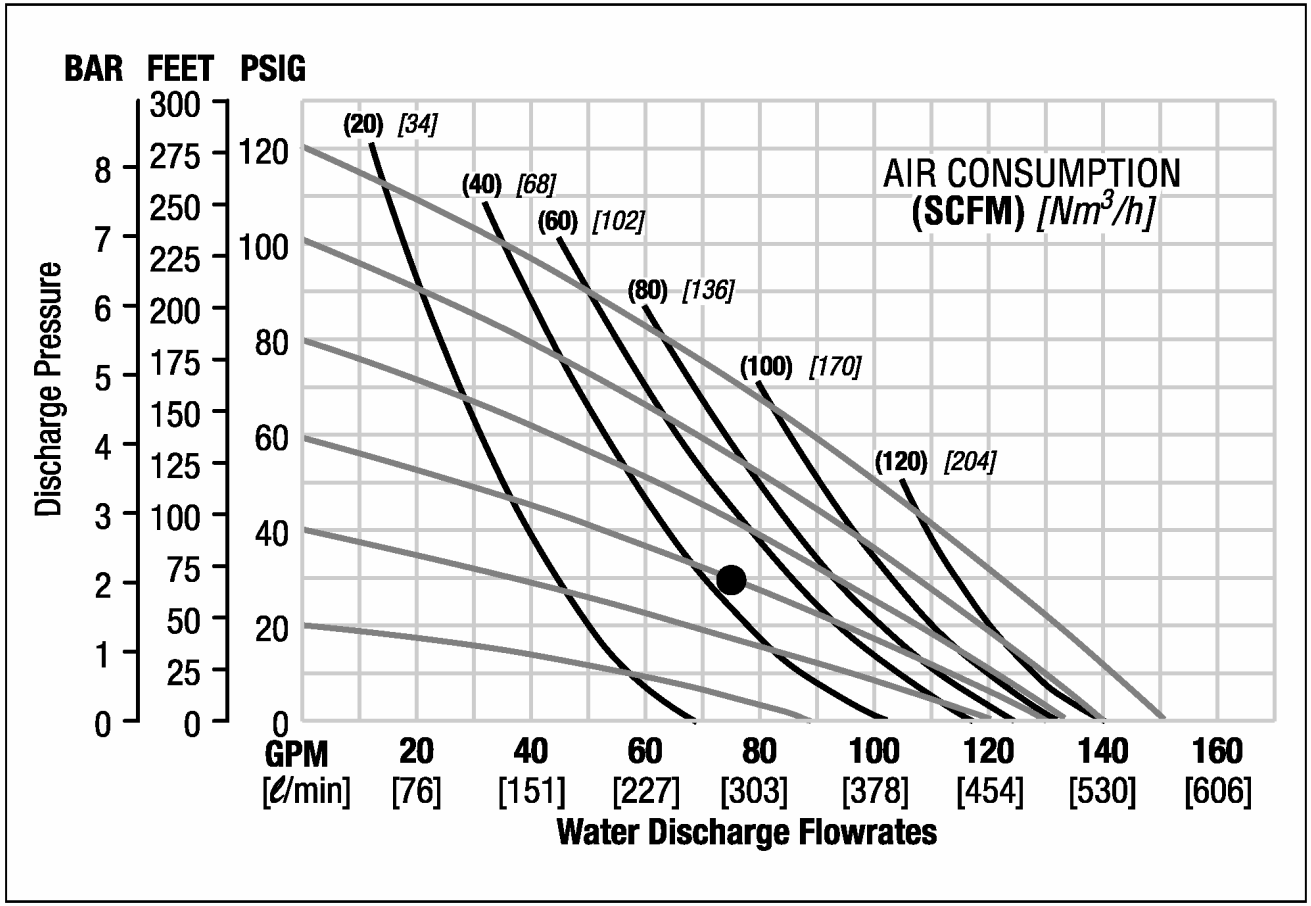
MODEL P8 PLASTIC TPE-FITTED

Height.....77.0 cm (30 5/16")
Width.....49.1 cm (19 11/32")
Depth.....33.2 cm (13 3/32")
Ship Weight..Polypropylene 33.8 kg (74.6 lbs.)
PVDF 42.9 kg (94.6 lbs.)
Air Inlet.....1.27 cm (½")
Inlet.....5.08 cm (2")
Outlet.....5.08 cm (2")
Suction Lift.....5.18 m Dry (17')
9.45 m Wet (31')
Displacement per
Stroke.....2.91 l (.77 gal.)[1]
Max. Flow Rate.....575.4 l/m (152 gpm)
Max. Size Solids.....6.35 mm (¼")

[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 283.9 lpm (75 gpm) against a discharge pressure head of 2.1 Bar (30 psig) requires 4.1 Bar (60 psig) and 76.5 Nm^3/h (45 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.

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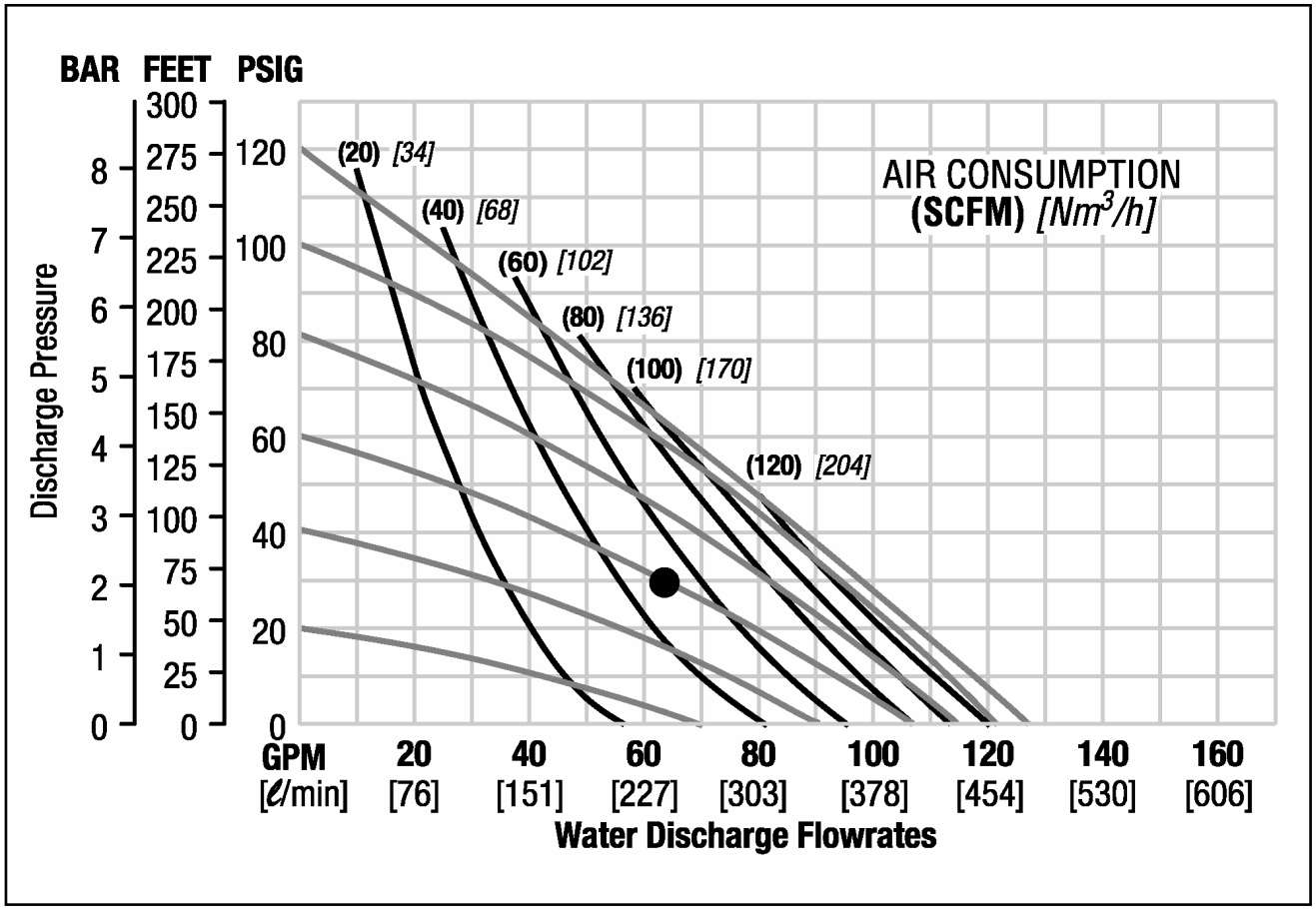
MODEL P8 PLASTIC TEFLON®-FITTED

Height.....77.0 cm (30 5/16")
Width.....49.1 cm (19 11/32")
Depth.....33.2 cm (13 3/32")
Ship Weight..Polypropylene 33.8 kg (74.6 lbs.)
PVDF 42.9 kg (94.6 lbs.)
Air Inlet.....1.27 cm (½")
Inlet.....5.08 cm (2")
Outlet.....5.08 cm (2")
Suction Lift.....4.27 m Dry (14')
9.45 m Wet (31')
Displacement per
Stroke ..... .53 l gal. (.47)[1]
Max. Flow Rate.....260.8 l/m (127 gpm)
Max. Size Solids.....6.35 mm (¼")

[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 238.5 lpm (63 gpm) against a discharge pressure head of 2.0 Bar (30 psig) requires 4.1 Bar (60 psig) and 45 Nm^3/h (55 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.