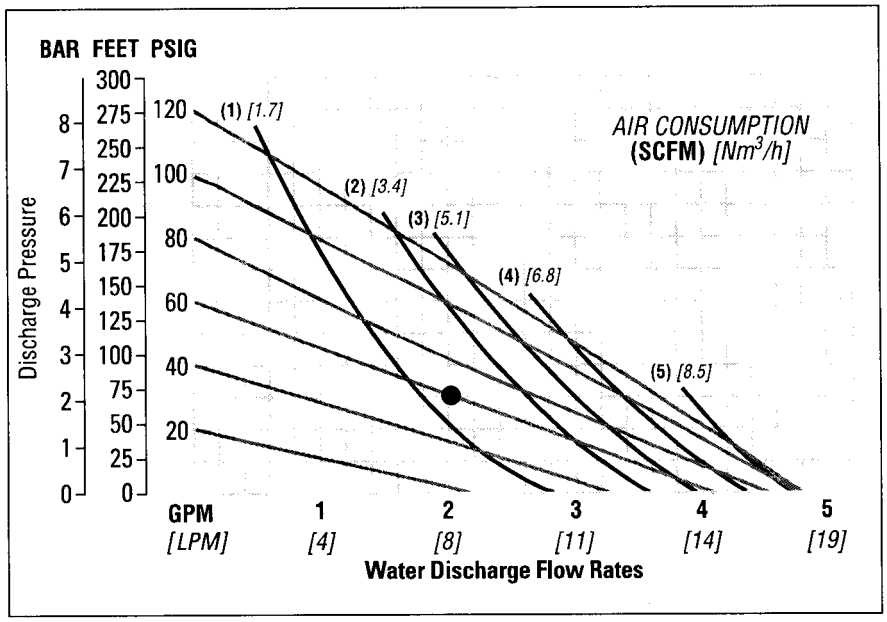
SECTION 5A
PERFORMANCE CURVES
P.025 PLASTIC RUBBER-FITTED

Height.....163 mm (6.4")
Width.....145 mm (5.7")
Depth .....115 mm (4.5")
Est. Ship Weight.....Polypropylene 1.4 kg (3 lbs)
PVDF 1.4 kg (3 lbs)
Air Inlet..... 3 mm (1/8")
Inlet..... 6 mm (1/4")
Outlet ..... 6 mm (1/4")
Suction Lift.....2.74 m Dry (9')
9.45 m Wet (31')
Displacement per
Stroke .....0.02 l (0.004 gal.)[1]
Max. Flow Rate.....18.1 lpm (4.8 gpm)
Max. Size Solids ..... 0.4 mm (1/64")

[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 7.6 lpm (2 gpm) against a discharge pressure head of 2 bar (30 psig) requires 4.1 bar (60 psig) and 2.0 Nm^3/h (1.2 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.

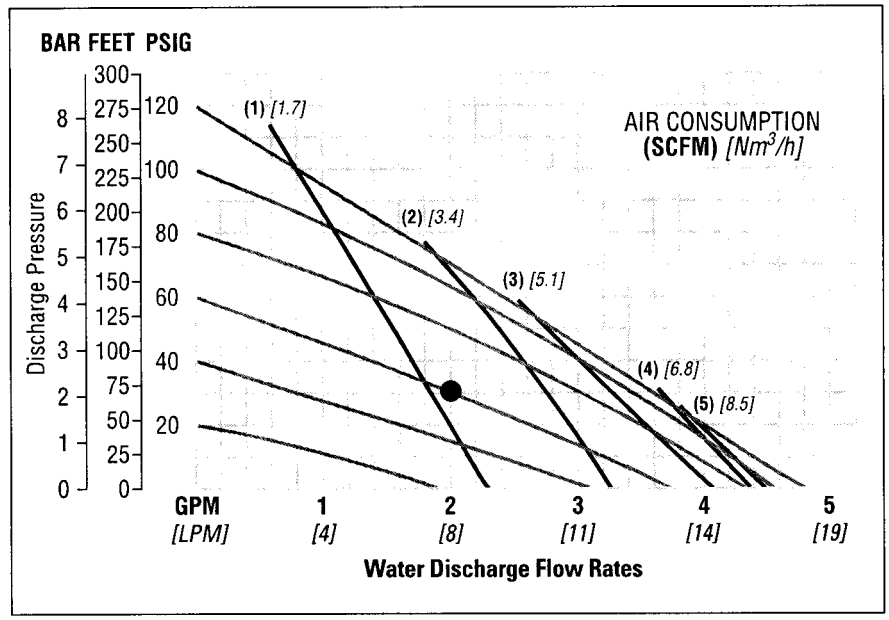
SECTION 5B
PERFORMANCE CURVES
P.025 PLASTIC TPE-FITTED

Height.....163 mm (6.4")
Width.....145 mm (5.7")
Depth .....115 mm (4.5")
Est. Ship Weight.....Polypropylene 1.4 kg (3 lbs)
PVDF 1.4 kg (3 lbs)
Air Inlet..... 3 mm (1/8")
Inlet..... 6 mm (1/4")
Outlet ..... 6 mm (1/4")
Suction Lift.....3.05 m Dry (10')
8.84 m Wet (29')
Displacement per
Stroke ..... 0.02 l gal. (0.005)[1]
Max. Flow Rate.....18.1 lpm (4.8 gpm)
Max. Size Solids ..... 0.4 mm (1/64")

[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 7.6 lpm (2 gpm) against a discharge pressure head of 2 bar (30 psig) requires 4.1 bar (60 psig) and 2.0 Nm^3/h (1.2 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.