PERFORMANCE

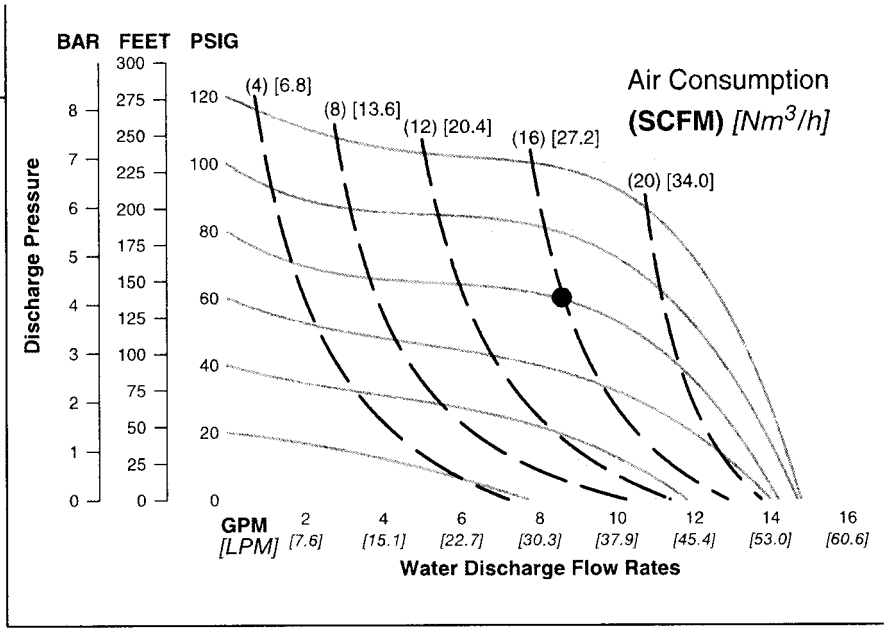
P100 Plastic RUBBER-FITTED

Height.....277 mm (10.9")
Width.....234 mm (9.2")
Depth .....201 mm (7.9")
Est. Ship Weight.....Polypropylene 4 kg (8 lbs)
PVDF 5 kg (10 lbs)
Air Inlet.....6 mm (1/4")
Inlet.....13 mm (1/2")
Outlet .....13 mm (1/2")
Suction Lift..... 5.2 m Dry (17.0')
8.7 m Wet (28.4')
Displacement per
Stroke ..... 0.10 l (0.027 gal.)[1]
Max. Flow Rate.....56.0 lpm (14.8 gpm)
Max. Size Solids .....1.6 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 32.9 lpm (8.7 gpm) against a discharge head pressure of 4.1 bar (60 psig) requires 5.5 bar (80 psig) and 27.2 Nm^3/h (16 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.

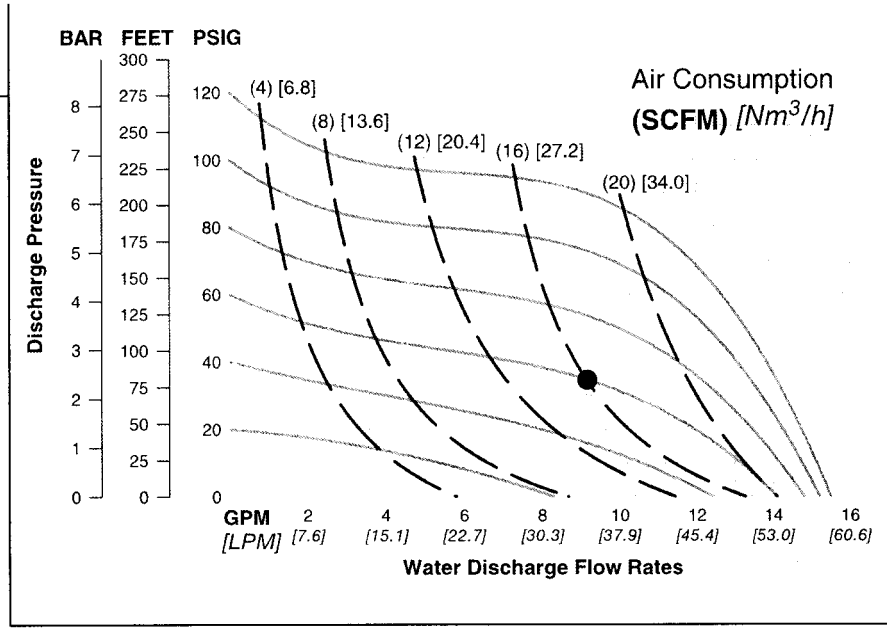
P100 Plastic TPE-FITTED

Height.....277 mm (10.9")
Width.....234 mm (9.2")
Depth .....201 mm (7.9")
Est. Ship Weight.....Polypropylene 4 kg (8 lbs)
PVDF 5 kg (10 lbs)
Air Inlet.....6 mm (1/4")
Inlet.....13 mm (1/2")
Outlet .....13 mm (1/2")
Suction Lift..... 5.5 m Dry (17.0')
8.7 m Wet (28.4')
Displacement per
Stroke ..... 0.11 l (0.029 gal.)[1]
Max. Flow Rate.....58.7 lpm (15.5 gpm)
Max. Size Solids .....1.6 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 34.8 lpm (9.2 gpm) against a discharge head pressure of 2.4 bar (35 psig) requires 4.1 bar (60 psig) and 27.2 Nm^3/h (16 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.