SECTION 5A

PERFORMANCE CURVES

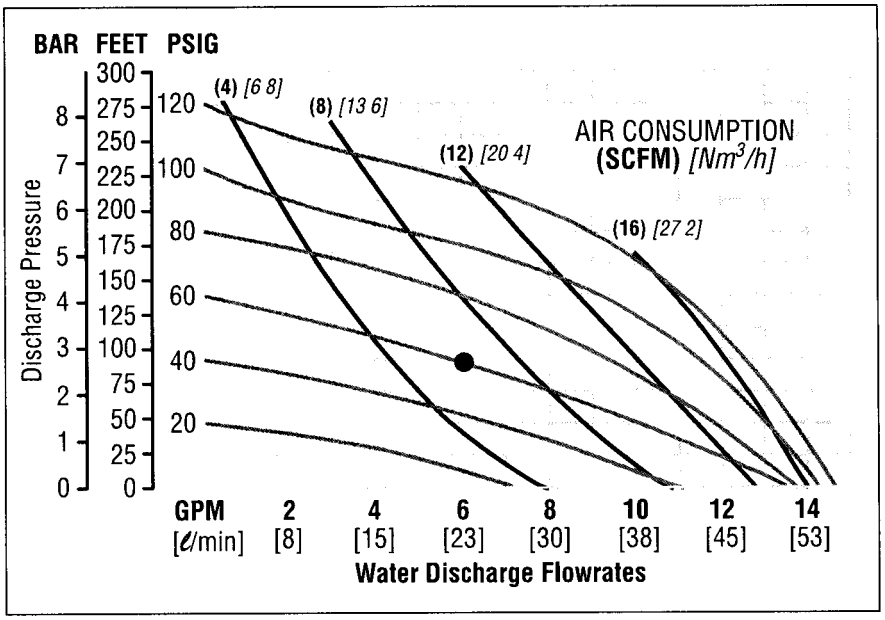
MODEL T1 METAL RUBBER-FITTED

Height .....219.1 mm (8⅝")
Width .....207.8 mm (8³⁄₁₆")
Depth.....177.8 mm (7")
Ship Weight.....Aluminum 6 kg (13 lbs.)
Stainless Steel 9.2 kg (20 lbs.)
Hastelloy 9.8 kg (22 lbs.)
Air Inlet .....6.35 mm (¼")
Inlet .....1.27 cm (½")
Outlet.....1.27 cm (½")
Suction Lift .....1.22 m Dry (4')
9.14 m Wet (30')
Displacement per
Stroke ..... .06 l (0.017 gal.)[1]
Max. Flow Rate.....54.9 lpm (14.5 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 22.7 lpm (6 gpm) against a discharge pressure head of 2.7 Bar (40 psig) requires 4 Bar (60 psig) and 10.2 Nm³/h (6 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

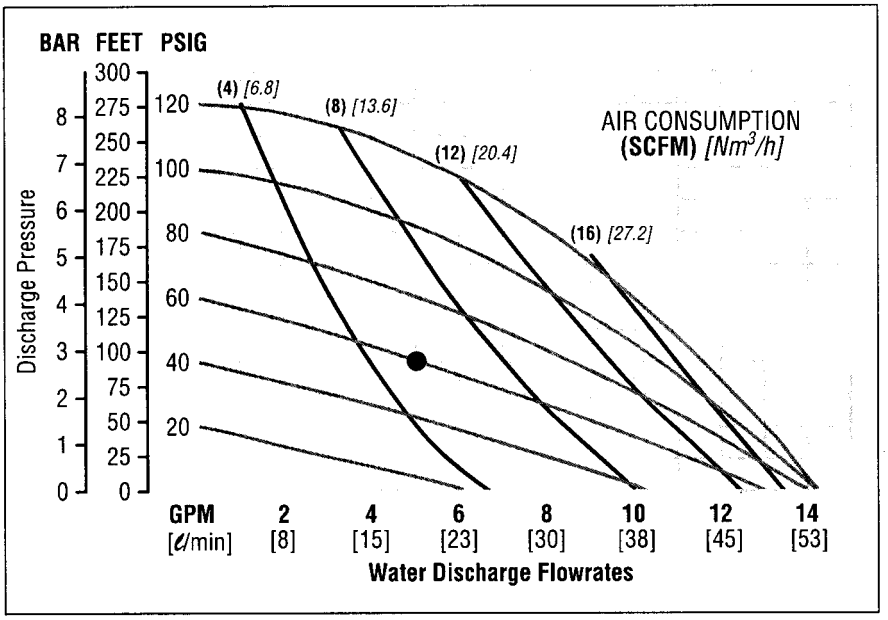
MODEL T1 METAL TPE-FITTED

Height .....219.1 mm (8⅝")
Width .....207.8 mm (8³⁄₁₆")
Depth.....177.8 mm (7")
Ship Weight.....Aluminum 6 kg (13 lbs.)
Stainless Steel 9.2 kg (20 lbs.)
Hastelloy 9.8 kg (22 lbs.)
Air Inlet .....6.35 mm (¼")
Inlet .....1.27 cm (½")
Outlet.....1.27 cm (½")
Suction Lift .....1.52 m Dry (5')
9.45 m Wet (31')
Displacement per
Stroke .....06 l (0.017 gal.)[1]
Max. Flow Rate.....54.1 lpm (14.3 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 8.5 Nm³/h (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.