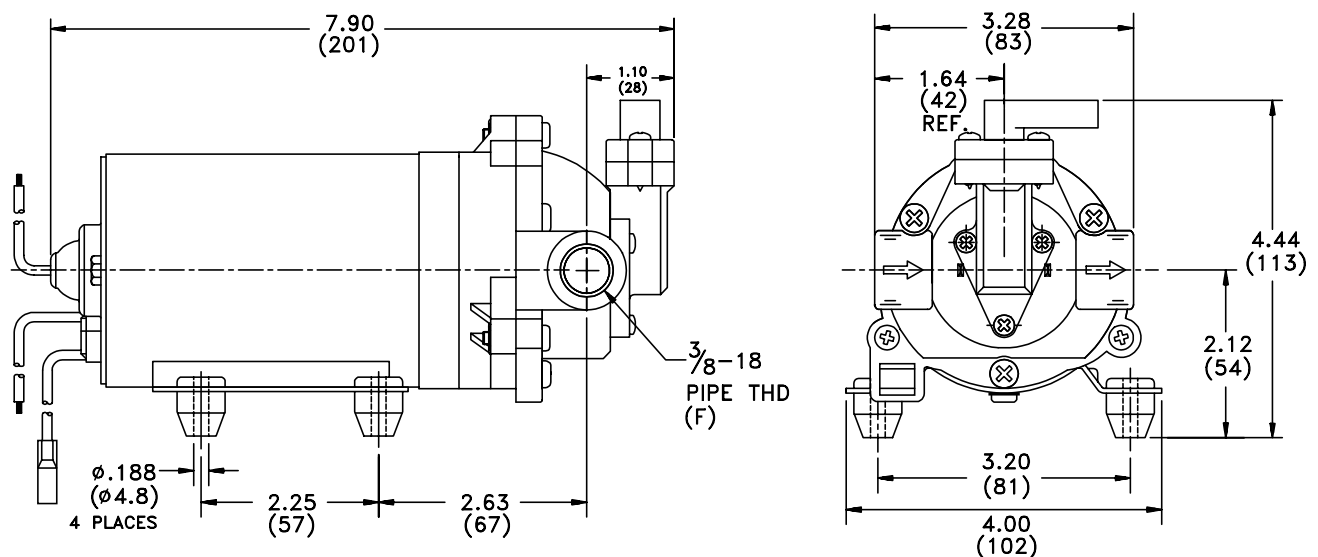
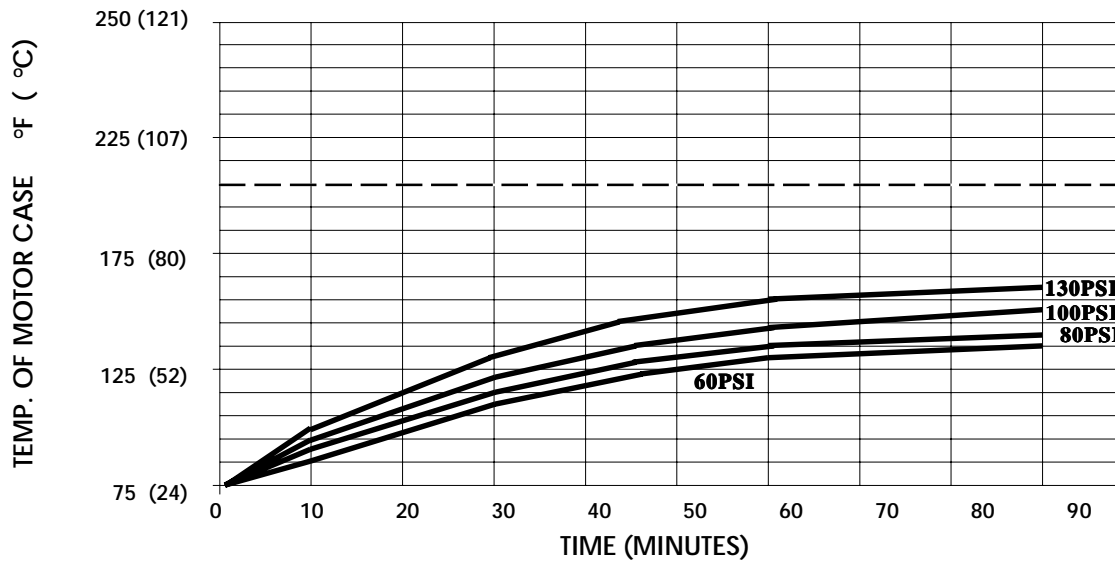


PRODUCT DATA SHEET**MODEL: 8000-812-639****SPECIFICATIONS:****MODEL NUMBER:** 8000-812-639**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CAM:** 2.5 Degree**MOTOR:** Permanent Magnet, P/N 11-150-10, Thermally Protected**VOLTAGE:** 115 VAC Nominal**PRESSURE SWITCH:** None**LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 10 Ft. Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)**PORTS:** 3/8"-18 NPT Female**MATERIAL OF CONSTRUCTION:****PLASTICS-** Nylon**VALVES-** Viton**DIAPHRAGM-** Santoprene**FASTENERS-** Zinc Plated Steel**NET WEIGHT:** 4.8 Lbs (2.17 Kg)**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)**TYPICAL APPLICATIONS:** Soil Extraction**BYPASS:** External Adjustable to 150 PSI Max.**DIMENSIONS:**

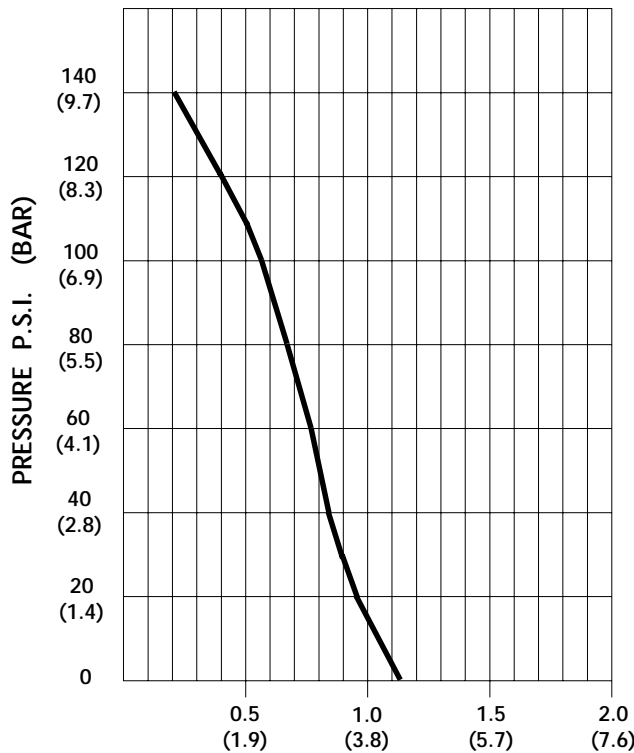
TEMPERATURE RISE



THIS GRAPH IS FOR USE AS A DESIGN GUIDE. IT IS BASED ON RUNNING CONTINUOUSLY WITH AN AMBIENT TEMPERATURE OF 70° F IN STILL AIR. THE THERMAL BREAKER WILL OPEN WHEN THE CASE TEMPERATURE REACHES 205° F.

[- - - - - TRIP POINT OF THERMAL PROTECTOR]

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.13/4.2	2240/2310	0.29	115 VAC
10	1.09/4.1	2180/2210	0.35	"
20	0.96/3.6	2115/2145	0.39	"
30	0.90/3.4	2055/2085	0.43	"
40	0.84/3.2	2015/2035	0.48	"
50	0.81/3.1	1970/1985	0.51	"
60	0.77/2.9	1920/1940	0.55	"
70	0.72/2.7	1890/1900	0.59	"
80	0.68/2.6	1850/1860	0.62	"
100	0.57/2.1	1780/1790	0.69	"
120	0.36/1.4	1715/1725	0.76	"
140	0.21/0.8	1600/1670	0.85	"

FLOW - GALLONS PER MINUTE (LITERS PER MINUTE)

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

For technical advice or service please take your pump into your local pump service center.

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