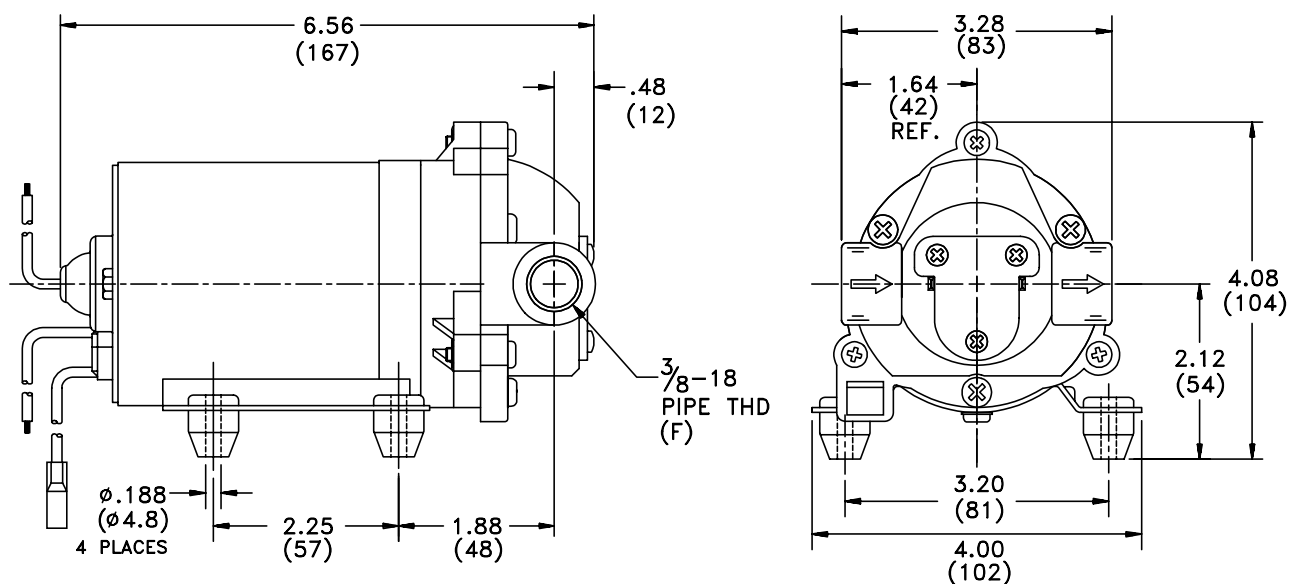
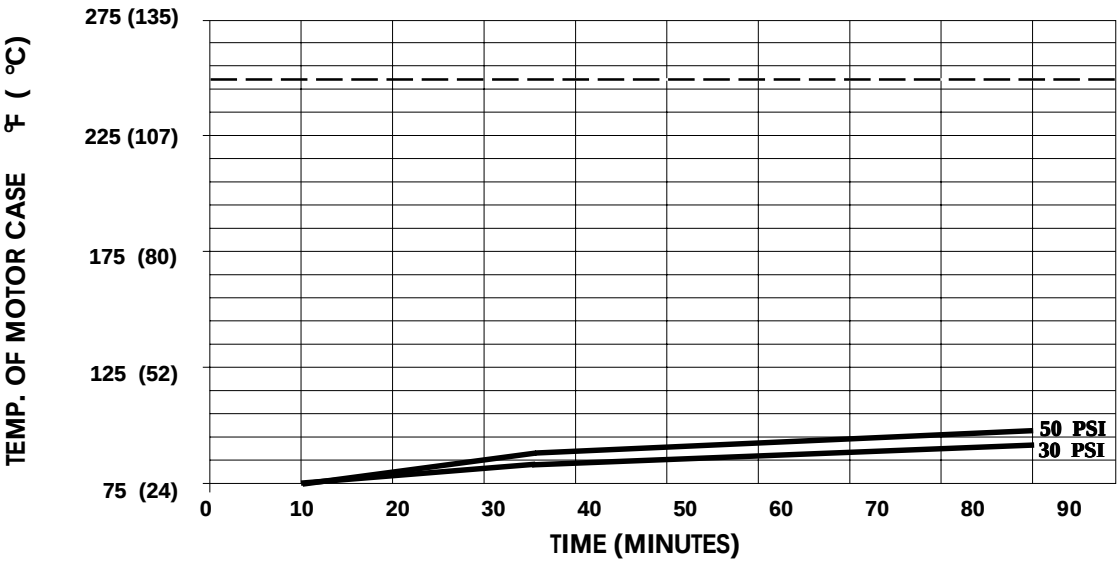


PRODUCT DATA SHEET**MODEL: 8090-811-250****SPECIFICATIONS:****MODEL NUMBER:** 8090-811-250**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CAM:** 2.0 Degree**MOTOR:** Permanent Magnet, P/N 11-160-00, Thermally Protected**VOLTAGE:** 230 VAC Nominal**PRESSURE SWITCH:** None**LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 7.0 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:** 3.85 Lbs (1.75 Kg)**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)**TYPICAL APPLICATIONS:** Soil Extraction**BYPASS:** 60 PSI Max.**APPROVALS:** VDE Approved**DIMENSIONS:**

MODEL: 8090-811-250

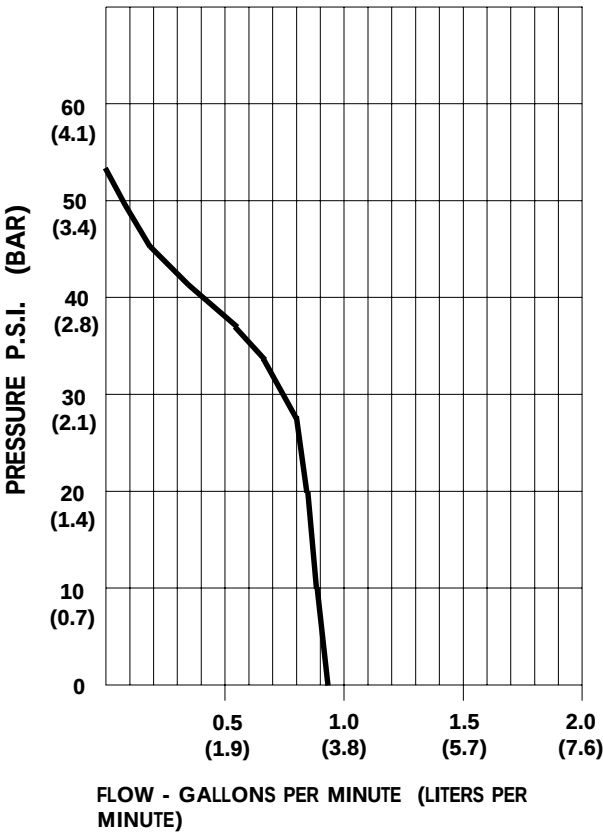
TEMPERATURE RISE



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 250° F.

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

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	0.93/3.5	2250/2405	0.11	230VAC
10	0.86/3.2	2170/2325	0.12	"
20	0.83/3.1	2105/2235	0.14	"
30	0.71/2.7	2015/2160	0.16	"
40	0.28/1.1	1960/2075	0.17	"

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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