

### SPECIFICATIONS:

**MODEL NUMBER:** 8000-533-250

**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump

**CAM:** 3.0 Degree

**MOTOR:** Permanent Magnet, P/N 11-150-00, Thermally Protected

**VOLTAGE:** 115 VAC Nominal

**PRESSURE SWITCH:** None

**LIQUID TEMPERATURE:** 170 Degrees Fahrenheit (77 Degrees Centigrade) Max.

**PRIME:** Self-Priming Up To 11.0 Ft. Vertical,  
Max. Inlet Pressure 30 PSI (2.1 Bar)

**PORTS:** 3/8"-18 NPT Female

**MATERIAL OF CONSTRUCTION:**

**PLASTICS-** Polypropylene

**VALVES-** Viton

**DIAPHRAGM-** Santoprene

**FASTENERS-** Zinc Plated Steel

**NET WEIGHT:** 3.85 Lbs (1.75 Kg)

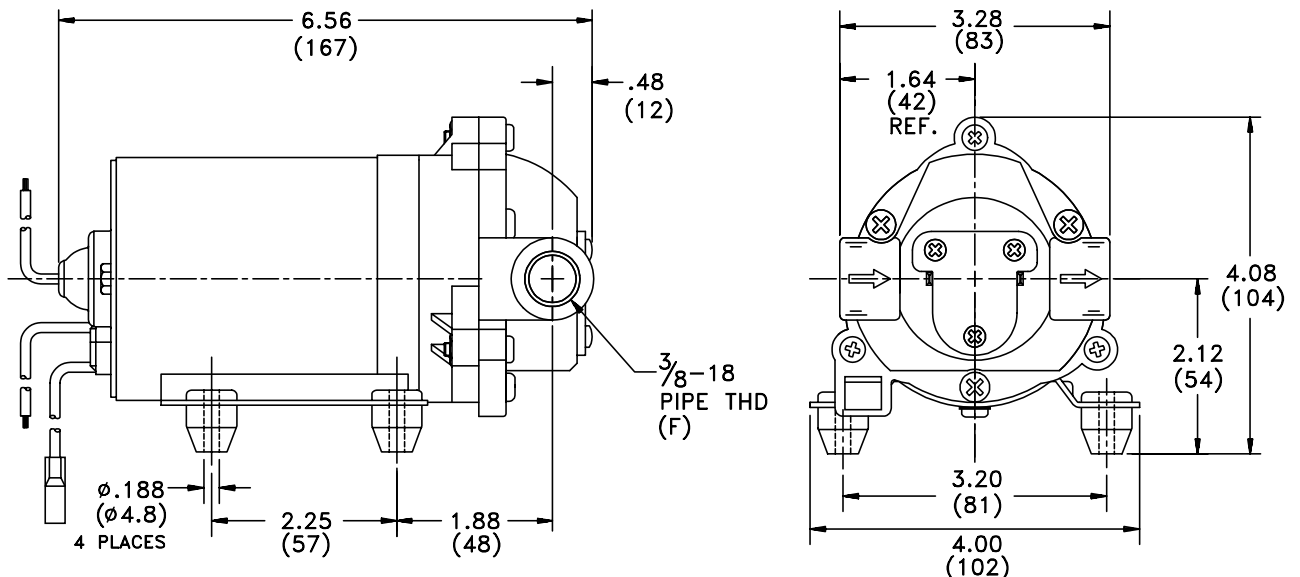
**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)

**TYPICAL APPLICATIONS:** Soil Extraction

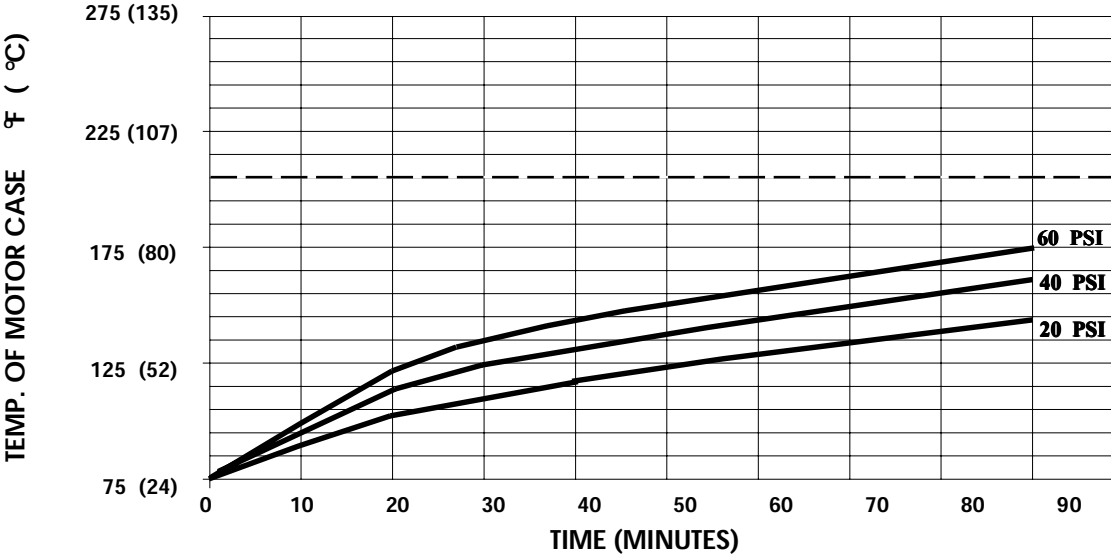
**BYPASS:** 45 PSI Max.

**APPROVALS:** UL/CSA Recognized Component

### DIMENSIONS:



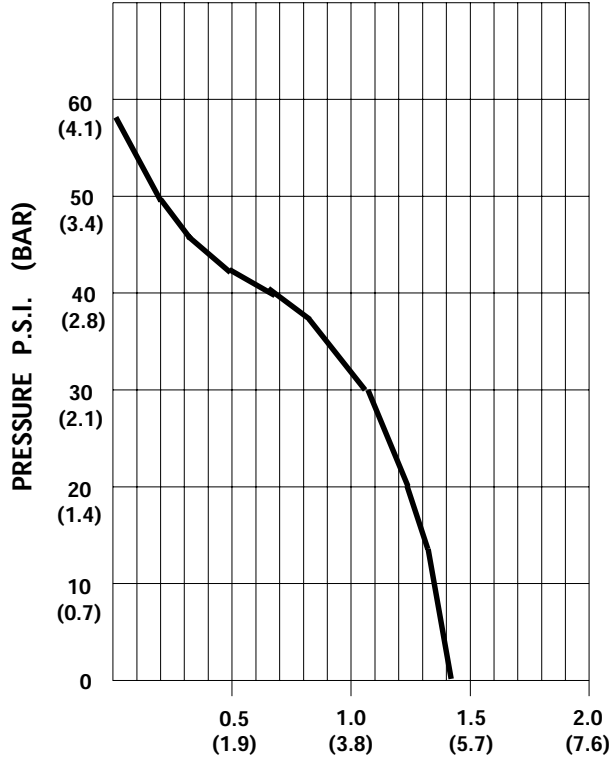
**TEMPERATURE RISE**



THIS GRAPH IS FOR USE AS A DESIGN GUIDE. IT IS BASED ON RUNNING CONTINUOUSLY WITH AN AMBIENT TEMPERATURE OF 75° 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	1.40/5.3	2221/2245	0.28	115VAC
10	1.36/5.1	2100/2125	0.34	"
20	1.21/4.6	1960/1990	0.41	"
30	1.05/4.0	1850/1870	0.46	"
40	0.65/2.5	1770/1870	0.51	"
50	0.19/0.7	1700/1800	0.54	"

*-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.  
 -ALL DATA BASED ON TESTING WITH WATER AT AMBIENT TEMPERATURE.*