

SPECIFICATIONS:

MODEL NUMBER: 8000-933-536

PUMP DESIGN: Positive Displacement 3 Chamber Diaphragm Pump

CHECK VALVE: (1-Way Operation) Prevents Reverse Flow

CAM: 3.0 Degree

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

VOLTAGE: 115 VAC Nominal

PRESSURE SWITCH: Adjustable Shut-Off (Range 45-65 PSI)

Factory Set @ 65 PSI, Turn On 50 PSI \pm 5 PSI

LIQUID TEMPERATURE: 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.

PRIME: Self-Priming Up To 11 Ft. Vertical,

Max. Inlet Pressure 30 PSI (2.1 Bar)

PORTS: 3/8"-18 NPT Female

MATERIAL OF CONSTRUCTION:

PLASTICS- Nylon

VALVES- EPDM

DIAPHRAGM- Santoprene

FASTENERS- Zinc Plated Steel

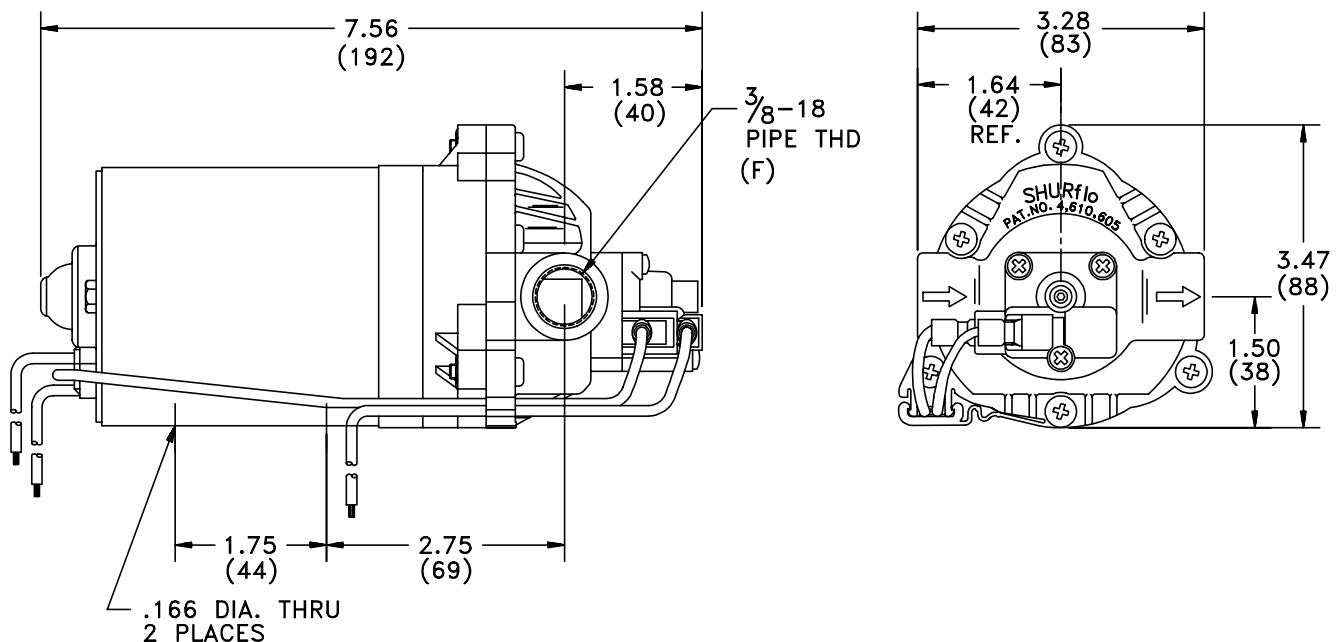
NET WEIGHT: 3.7 Lbs (1.7 Kg)

DUTY CYCLE: Intermittent (See Temperature Rise Chart)

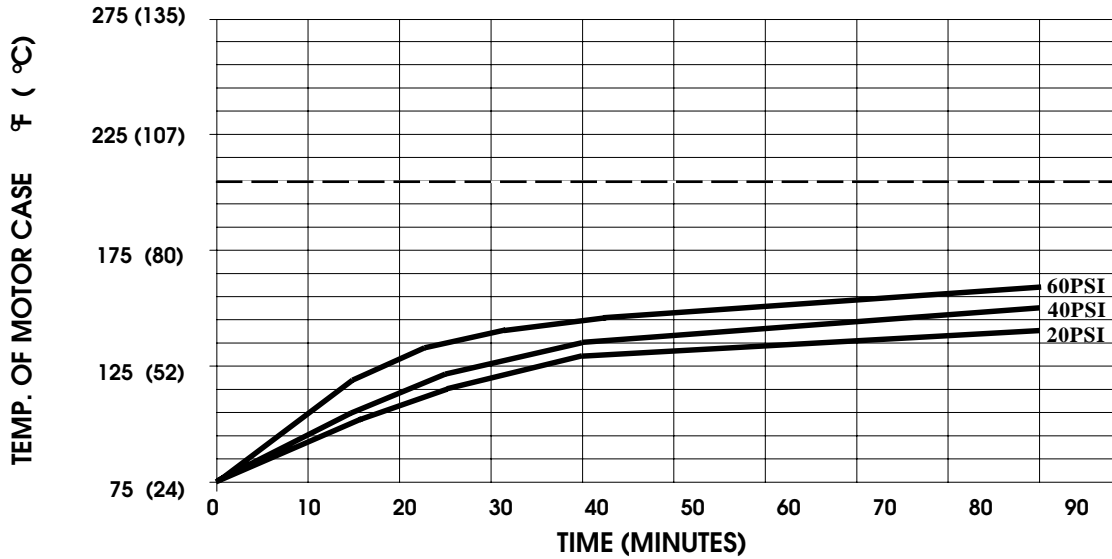
APPROVALS: UL & CSA Recognized Component

TYPICAL APPLICATIONS: Soil Extraction

DIMENSIONS:



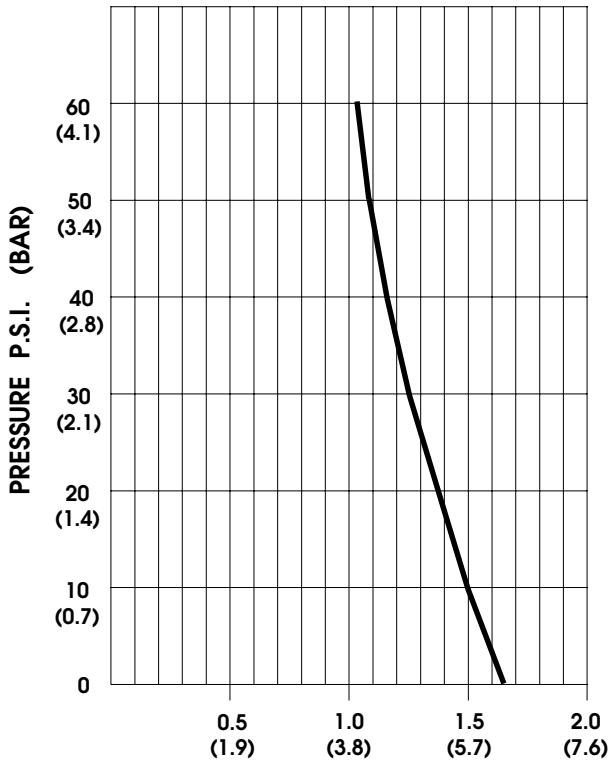
TEMPERATURE RISE



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 | 1.64/6.2 | 2140/2160 | 0.31 | 115VAC |
| 10 | 1.50/5.7 | 2015/2050 | 0.35 | " |
| 20 | 1.36/5.1 | 1900/1915 | 0.41 | " |
| 30 | 1.25/4.7 | 1770/1800 | 0.46 | " |
| 40 | 1.16/4.4 | 1655/1685 | 0.50 | " |
| 50 | 1.08/4.1 | 1565/1590 | 0.57 | " |
| 60 | 1.02/3.9 | 1510/1530 | 0.61 | " |

FLOW - GALLONS PER MINUTE (LITERS PER MINUTE)

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