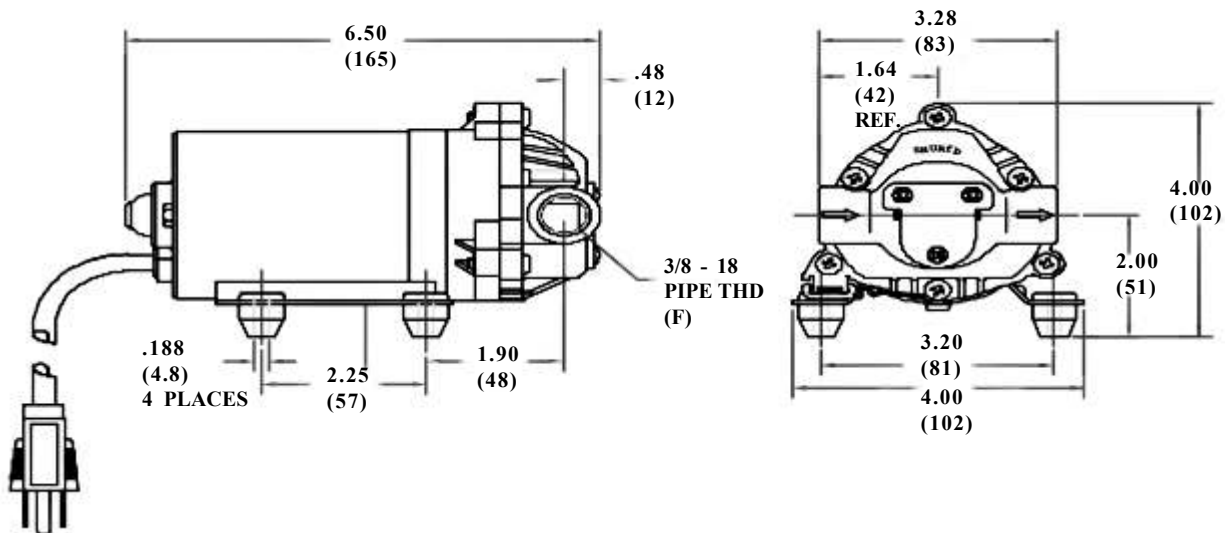


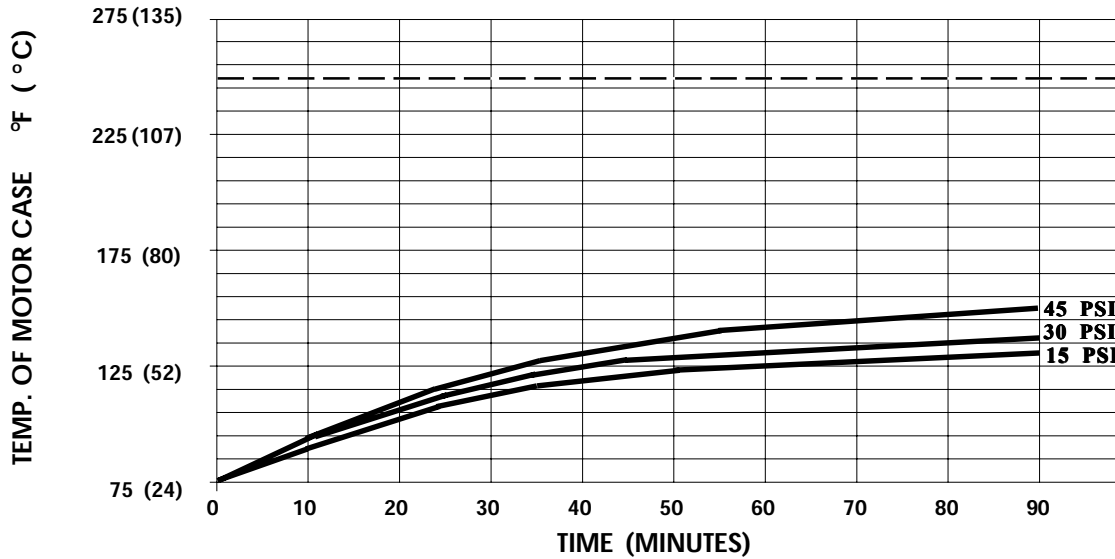
SPECIFICATIONS:

- MODEL NUMBER:** 8020-503-250
- PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump
- CAM:** 3.0 Degree
- MOTOR:** Permanent Magnet, P/N 11-194-00, Thermally Protected
- VOLTAGE:** 115 VAC Nominal
- PRESSURE SWITCH:** None
- LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 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:** 4.16 Lbs (1.9 Kg)
- DUTY CYCLE:** Intermittent (See Temperature Rise Chart)
- TYPICAL APPLICATIONS:** General Industrial
- BYPASS:** 45 PSI

DIMENSIONS:



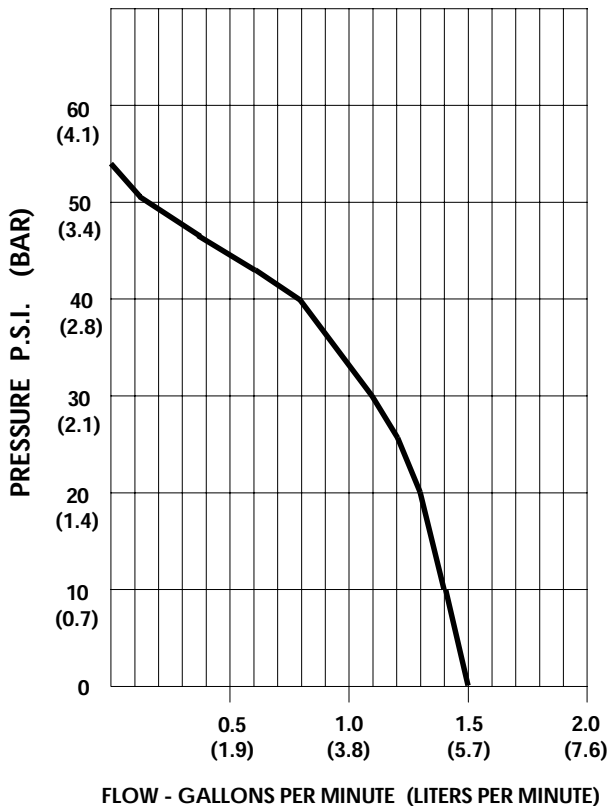
TEMPERATURE RISE



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 250°F.

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

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.5/5.7	2160/2225	0.33	115VAC
10	1.4/5.3	2070/2105	0.37	"
20	1.3/4.9	1920/1955	0.44	"
30	1.1/4.2	1805/1835	0.50	"
40	0.8/3.0	1710/1725	0.56	"

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

-ALL DATA BASED ON TESTING WITH WATER.