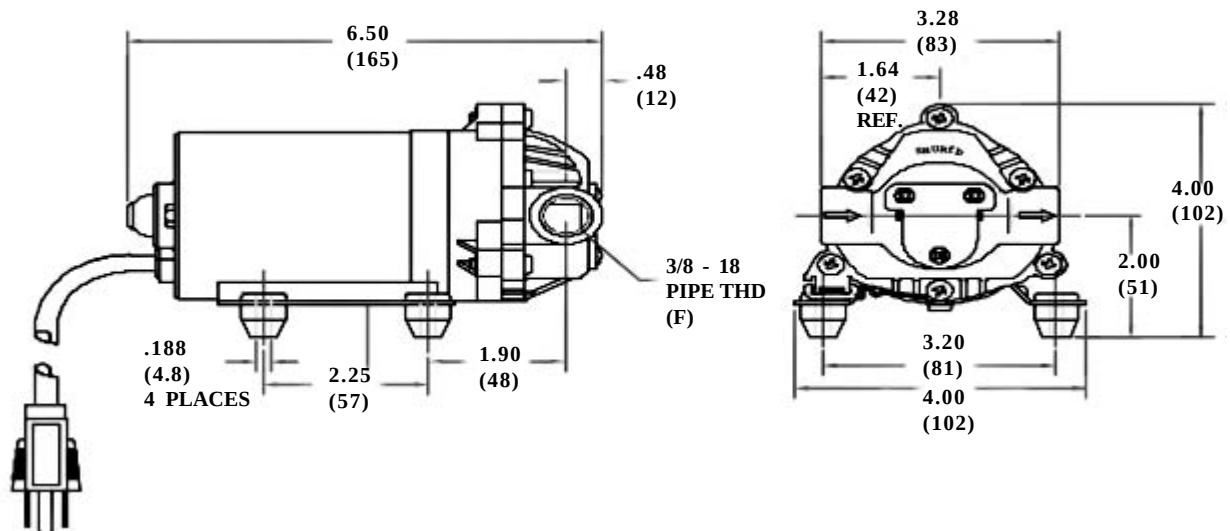
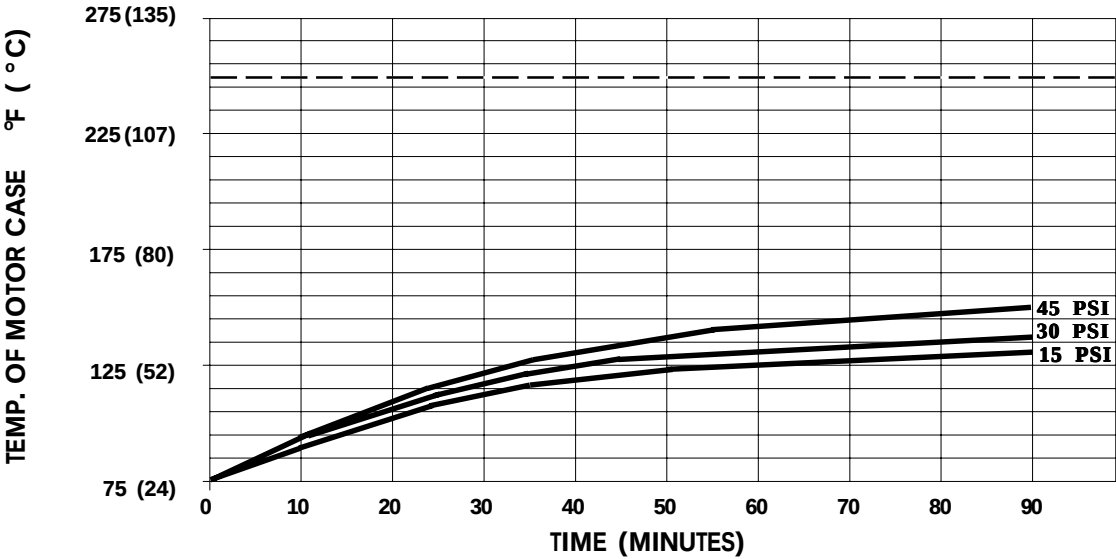


**PRODUCT DATA SHEET****MODEL: 8020-503-250****SPECIFICATIONS:****MODEL NUMBER:** 8020-503-250**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CAM:** 3.0 Degree**MOTOR:** Permanent Magnet, P/N 11-194-00, Thermally Protected**VOLTAGE:** 115 VAC Nominal**PRESSURE SWITCH:** None**LIQUID 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:**

MODEL: 8020-503-250

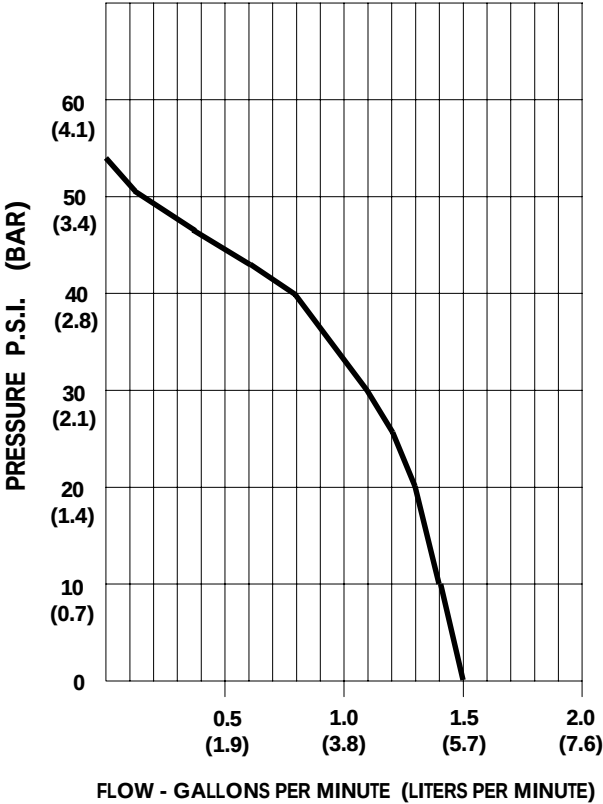
TEMPERATURE RISE



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	"

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

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