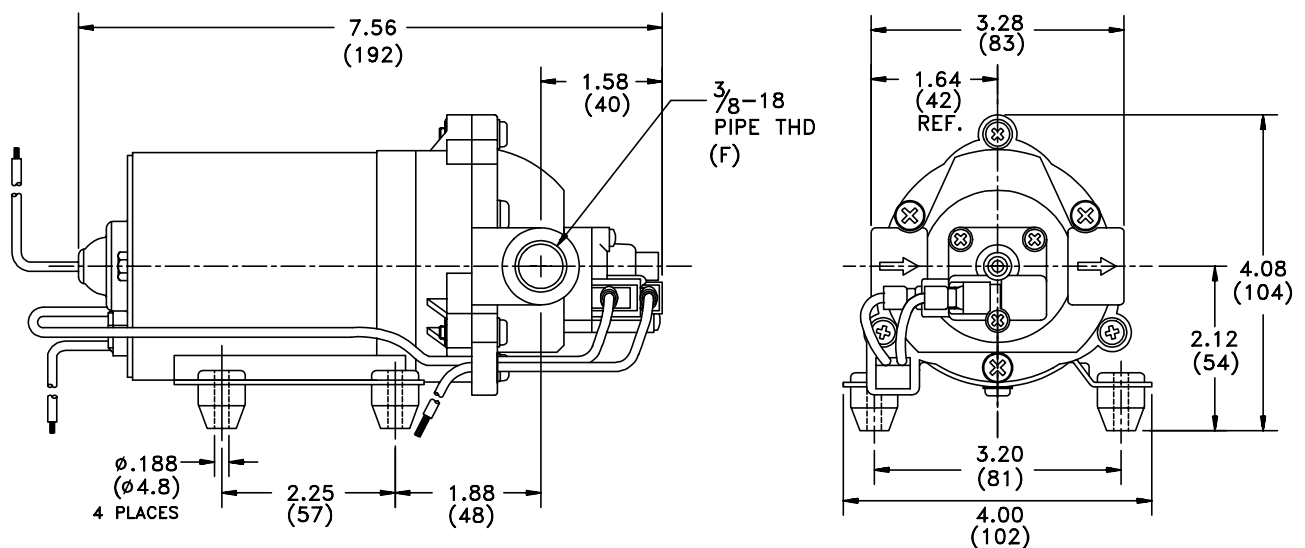
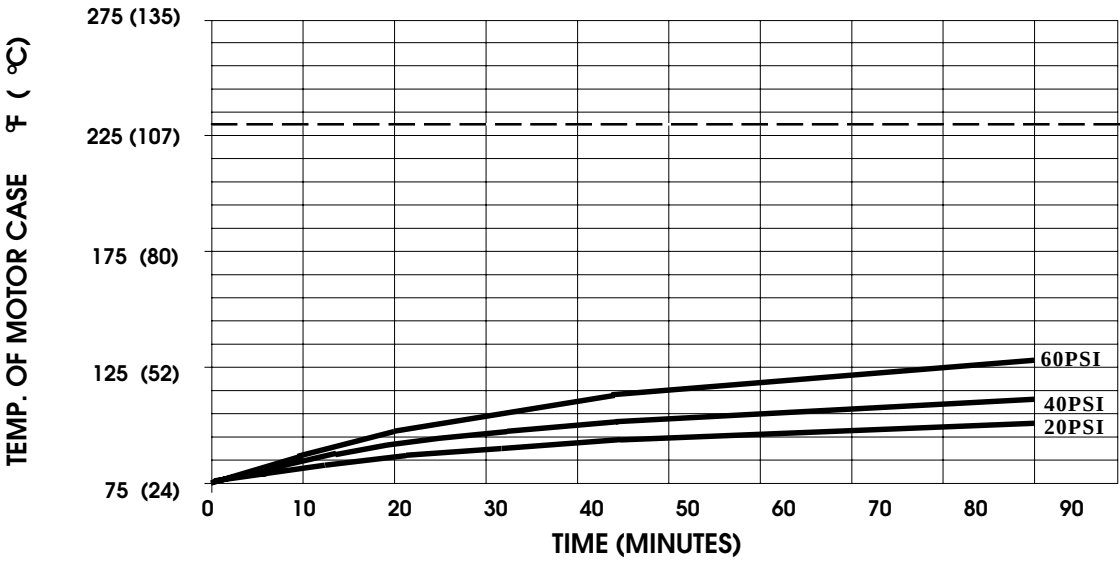


**PRODUCT DATA SHEET****MODEL: 8000-991-236****SPECIFICATIONS:****MODEL NUMBER:** 8000-991-236**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 2.0 Degree**MOTOR:** Permanent Magnet, P/N 11-124-10, Thermally Protected**VOLTAGE:** 24 VDC Nominal**PRESSURE SWITCH:** Adjustable Shut-Off (Range 40-60 PSI)Factory Set @ 60 PSI, Turn On 40 PSI $\pm$ 5 PSI**LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 5 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-** Stainless Steel**NET WEIGHT:** 3.8 Lbs (1.7 Kg)**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)**TYPICAL APPLICATIONS:** R. O. Booster Pump**DIMENSIONS:**

MODEL: 8000-991-236

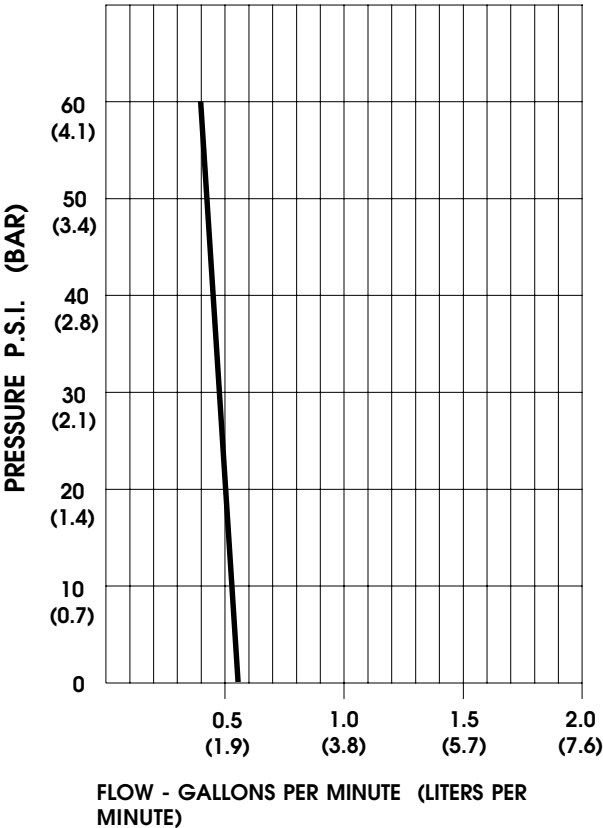
TEMPERATURE RISE



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 230° F.

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

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	0.56/2.1	1240/1270	0.45	24 VDC
10	0.54/2.0	1205/1235	0.54	"
20	0.52/1.9	1170/1180	0.66	"
30	0.49/1.8	1110/1125	0.80	"
40	0.45/1.7	1065/1085	0.92	"
50	0.43/1.6	1020/1050	1.03	"
60	0.39/1.5	970/1015	1.13	"

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

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