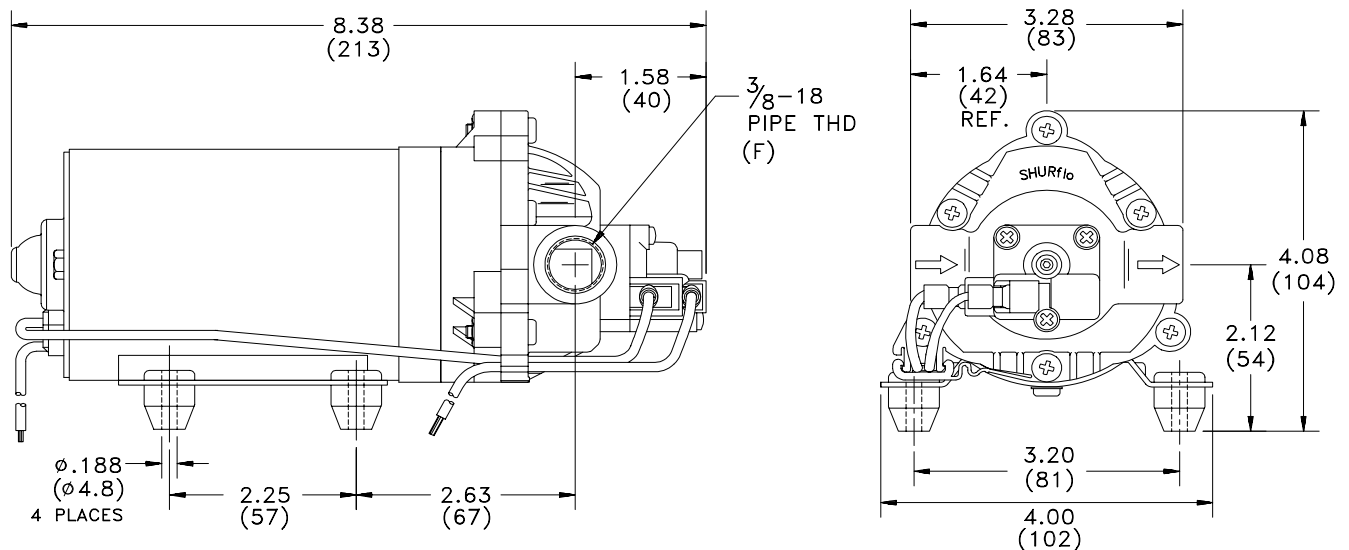
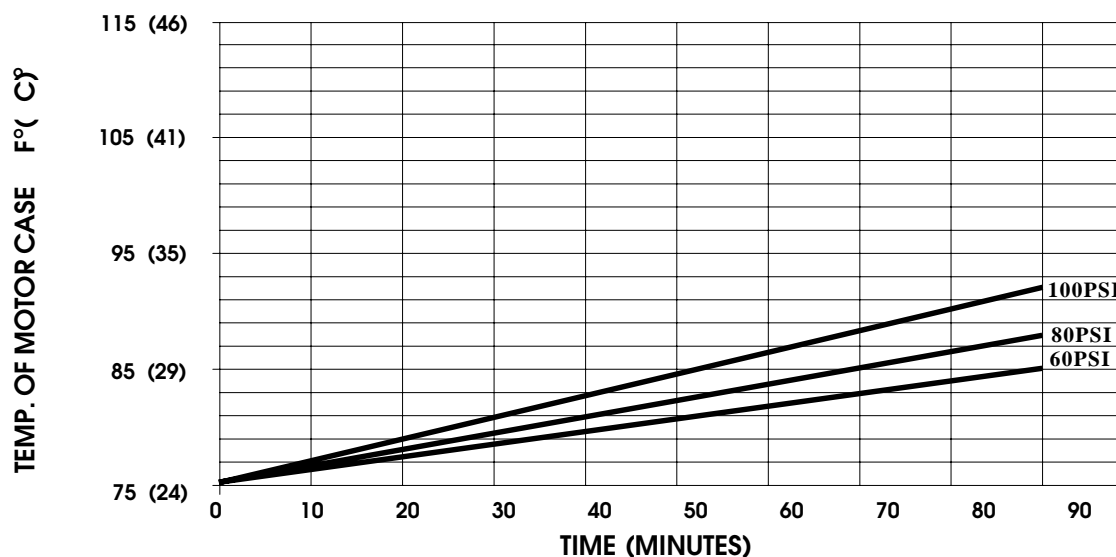


**PRODUCT DATA SHEET****MODEL: 8005-721-238****SPECIFICATIONS:****MODEL NUMBER:** 8005-721-238**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 2.0 Degree**MOTOR:** Permanent Magnet, P/N 11-183-00**VOLTAGE:** 115 VAC Nominal**PRESSURE SWITCH:** Adjustable Shut-Off (Range 80-100 PSI)Factory Set @100 PSI, Turn On 85 PSI ± 5 PSI**LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 2 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:** 4.8 Lbs (2.18 Kg)**DUTY CYCLE:** Intermittent (See Temperature Rise Chart)**TYPICAL APPLICATIONS:** Water Delivery**DIMENSIONS:**

MODEL: 8005-721-238

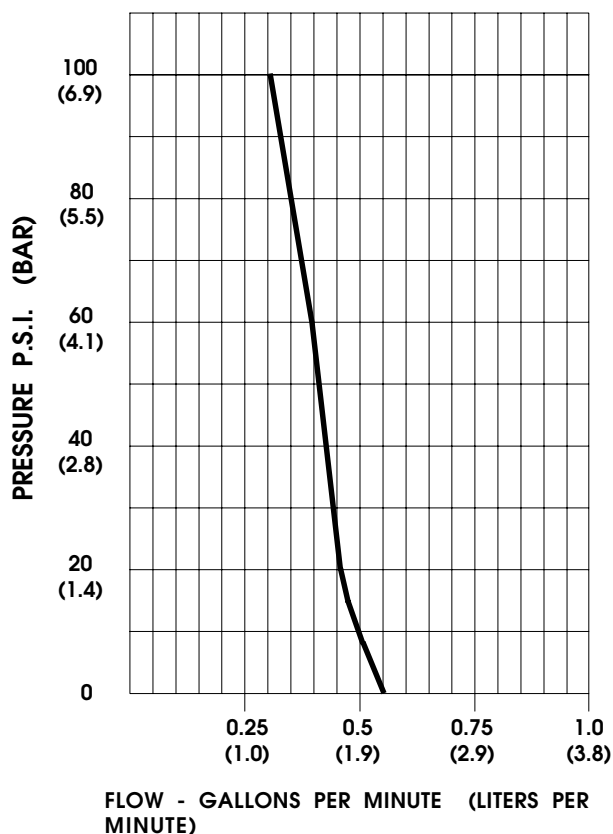
TEMPERATURE RISE



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	0.55/2.1	1135/1185	0.12	115VAC
10	0.45/1.8	1090/1140	0.14	"
20	0.43/1.7	1080/1100	0.15	"
40	0.41/1.6	975/1015	0.20	"
60	0.38/1.5	890/940	0.24	"
80	0.35/1.4	805/875	0.28	"
100	0.32/1.2	770/805	0.32	"

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

-ALL DATA BASED ON TESTING WITH WATER.

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

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