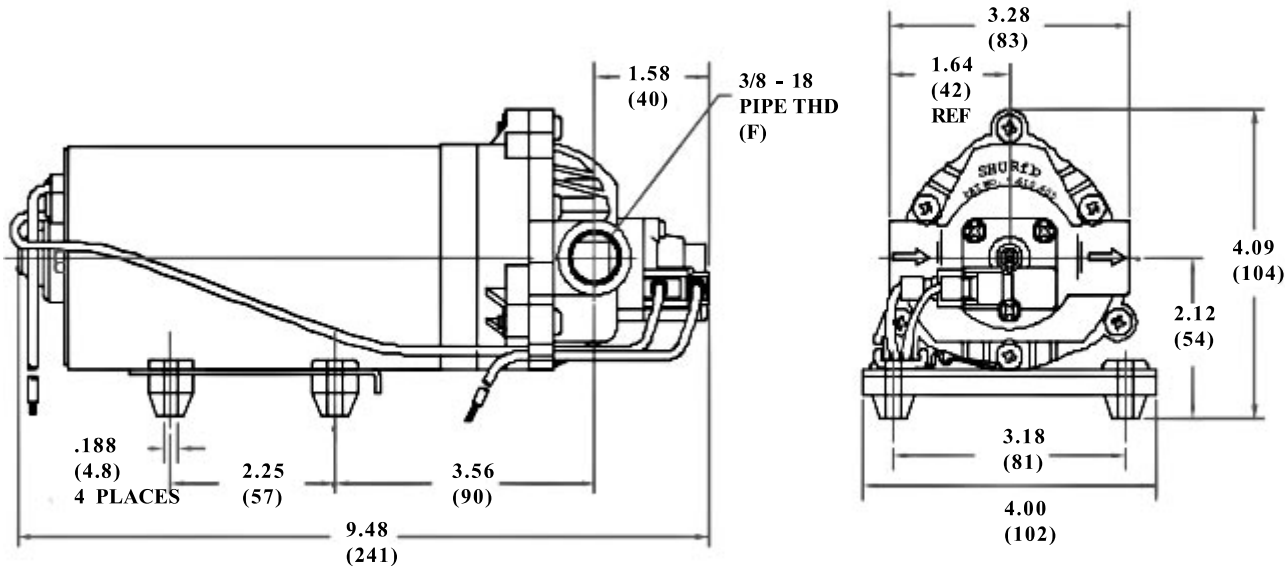
SHURflo®
First in Fluid Innovation™

PRODUCT DATA SHEET
MODEL: 8030-813-239

SPECIFICATIONS:

MODEL NUMBER: 8030-813-239
PUMP DESIGN: Positive Displacement 3 Chamber Diaphragm Pump
CHECK VALVE: (2-Way Op.) Prevents Reverse Flow & 6 Ft. Head Forward Flow
CAM: 3.0 Degree
MOTOR: Permanent Magnet, P/N 11-227-00, Thermally Protected
VOLTAGE: 12 VDC Nominal
PRESSURE SWITCH: Adjustable Shut-Off (Range 140-160 PSI)
Factory Set @ 150 PSI, Turn On 115 PSI
LIQUID TEMPERATURE: 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.
PRIME: Self-Priming Up To 6 Ft. Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)
PORTS: 3/8"-18 NPT Female
MATERIAL OF CONSTRUCTION:
PLASTICS- Nylon
VALVES- Viton
DIAPHRAGM- Santoprene
FASTENERS- Zinc Plated Steel
NET WEIGHT: 5.9 Lbs (2.7 Kg)
DUTY CYCLE: Intermittent (See Temperature Rise Chart)
TYPICAL APPLICATIONS: Agricultural Spraying

DIMENSIONS:



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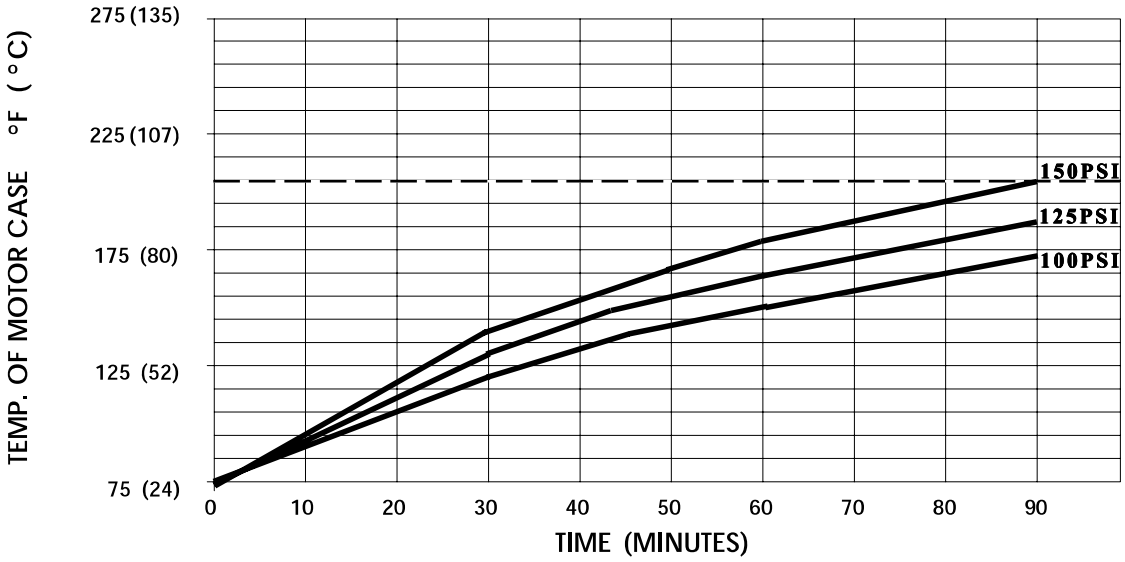
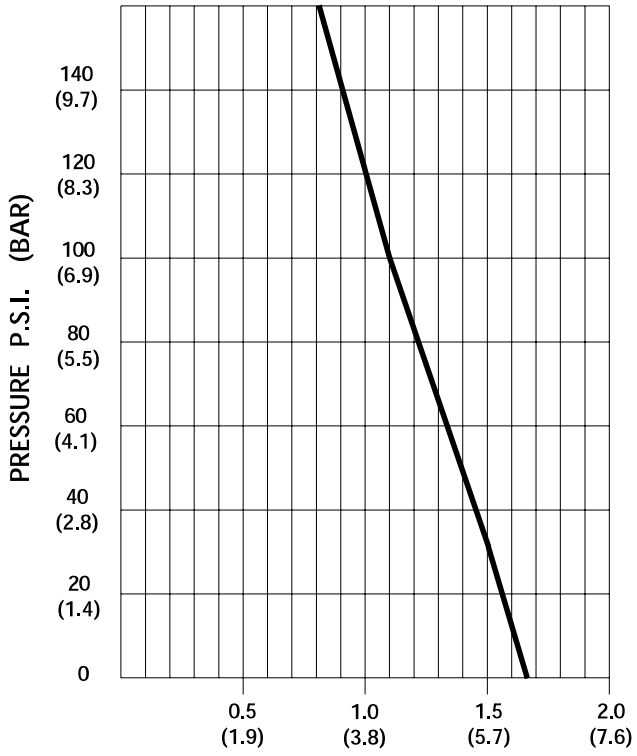
TEMPERATURE RISE



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	**1.66/6.3**	**2265/2310**	**4.5**	**12 VDC**
10	**1.62/6.1**	**2245/2275**	**4.9**	"
20	**1.55/5.9**	**2215/2230**	**5.5**	"
30	**1.49/5.6**	**2180/2200**	**6.2**	"
40	**1.43/5.4**	**2145/2160**	**6.8**	"
50	**1.37/5.2**	**2115/2130**	**7.4**	"
60	**1.31/5.0**	**2080/2095**	**8.0**	"
80	**1.20/4.5**	**2010/2040**	**9.1**	"
100	**1.10/4.2**	**1955/1980**	**10.1**	"
120	**1.00/3.8**	**1895/1930**	**10.9**	"
140	**0.88/3.3**	**1840/1875**	**11.7**	"
150	**0.83/3.1**	**1815/1865**	**12.0**	"

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

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