

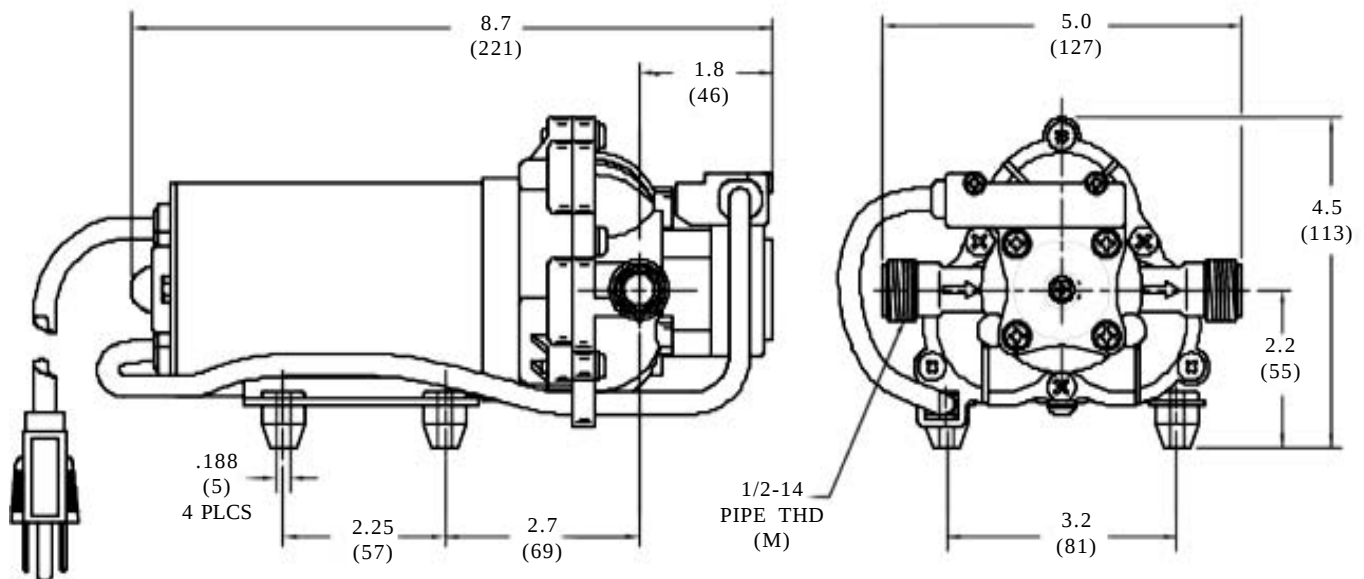
SHURflo®*First in Fluid Innovation***PRODUCT DATA SHEET****MODEL: 2088-394-144****SPECIFICATIONS:****MODEL NUMBER:** 2088-394-144**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CHECK VALVE:** (1-Way Operation) Prevents Reverse Flow**CAM:** 3.0 Degree**MOTOR:** Permanent Magnet, P/N 11-195-01, Thermally Protected**VOLTAGE:** 115 VAC Nominal**PRESSURE SWITCH:** Factory Set @ 45 PSI Shut-Off, Turn On 25 $\pm$ 5 PSI**LIQUID TEMPERATURE:** 170 Degrees Fahrenheit (77 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 9.0 Ft. Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)**PORTS:** 1/2" - 14 Male Parallel Thread**MATERIAL OF CONSTRUCTION:**

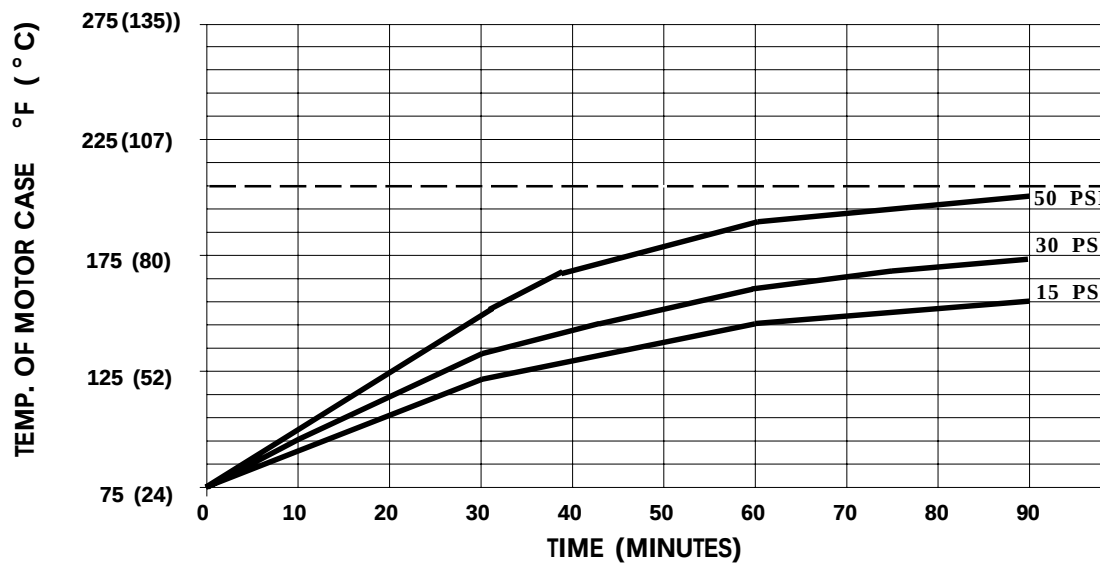
PLASTICS- Polypropylene

VALVES- Viton

DIAPHRAGM- Viton (Switch), Santoprene (Main)

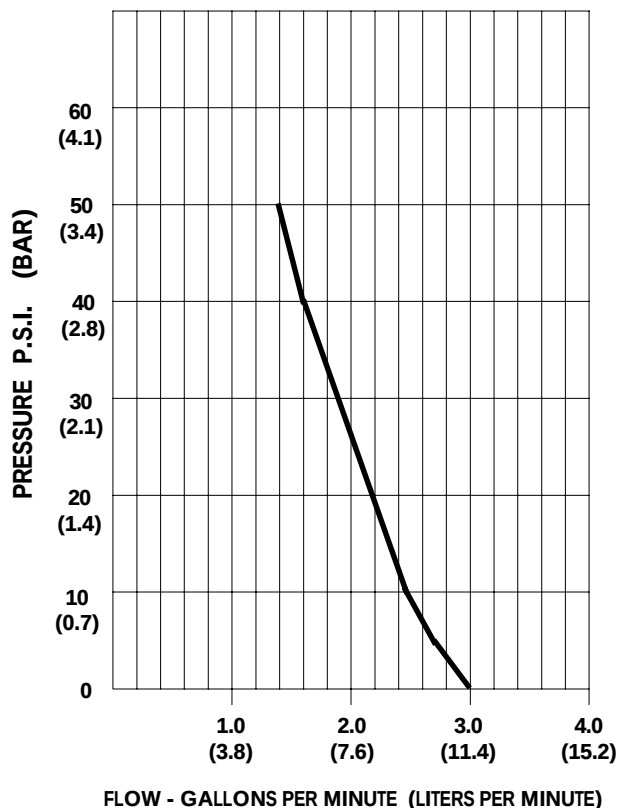
FASTENERS- Zinc Plated Steel

NET WEIGHT: 5.3 Lbs (2.4 Kg)**DUTY CYCLE:** Intermittent (See Temp. Rise Chart)**TYPICAL APPLICATIONS:** Agricultural Spraying**APPROVALS:** UL, C-UL Listed**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 205° F.

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

TYPICAL PERFORMANCE

PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	3.0/11.3	1940/1945	0.50	115 VAC
10	2.4/9.1	1850/1860	0.55	"
20	2.2/8.3	1725/1735	0.60	"
30	1.9/7.2	1630/1640	0.65	"
40	1.6/6.0	1525/1560	0.70	"
50	1.4/5.3	1525/1560	0.75	"

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

-ALL DATA BASED ON TESTING WITH WATER.

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