

SPECIFICATIONS:

MODEL NUMBER: 2088-313-544

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 11-226-06, Thermally Protected

VOLTAGE: 12 VDC Nominal

PRESSURE SWITCH: Splash-Proof

Factory Set @ 45 PSI Shut-Off, Turn On 25 PSI \pm 5 PSI

LIQUID TEMPERATURE: 130 Degrees Fahrenheit (54 Degrees Centigrade) Max.

PRIME: Self-Priming Up To 8 Ft. Vertical,

Max. Inlet Pressure 30 PSI

PORTS: 1/2"-14 Male Parallel Thread

MATERIAL OF CONSTRUCTION:

PLASTICS- Polypropylene

VALVES- Viton

DIAPHRAGM- Santoprene

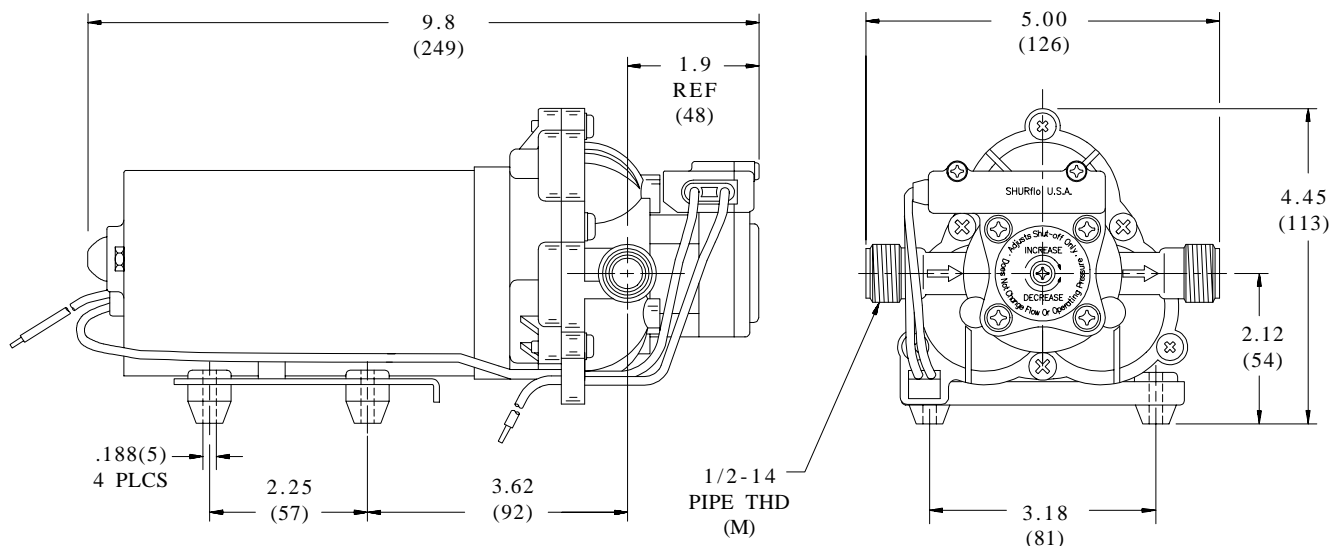
FASTENERS- Stainless Steel

NET WEIGHT: 6.0 Lbs (2.7 Kg)

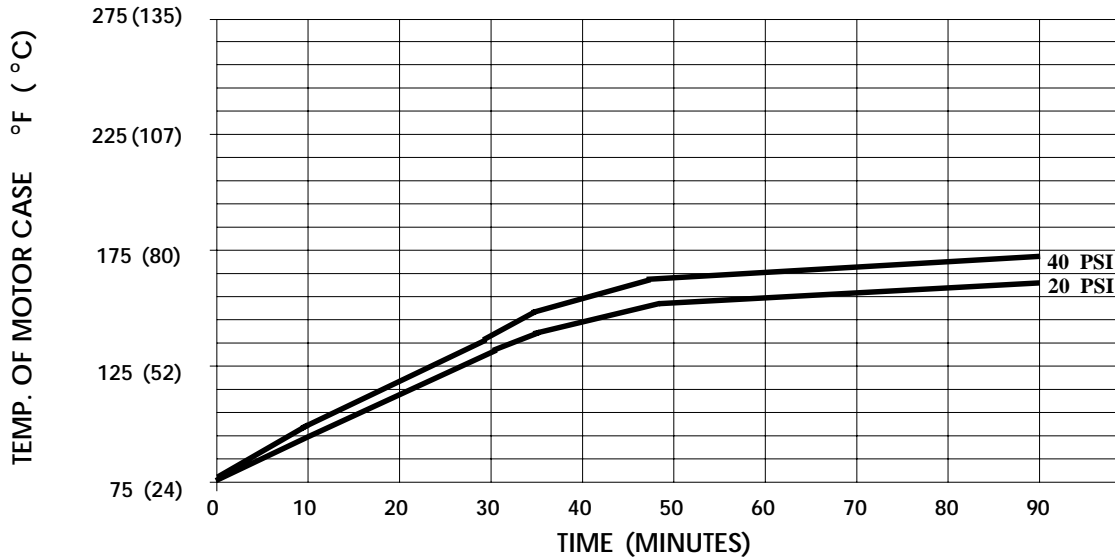
DUTY CYCLE: Continuous (See Temperature Rise Chart)

TYPICAL APPLICATIONS: Ag Transfer / Spray

DIMENSIONS:

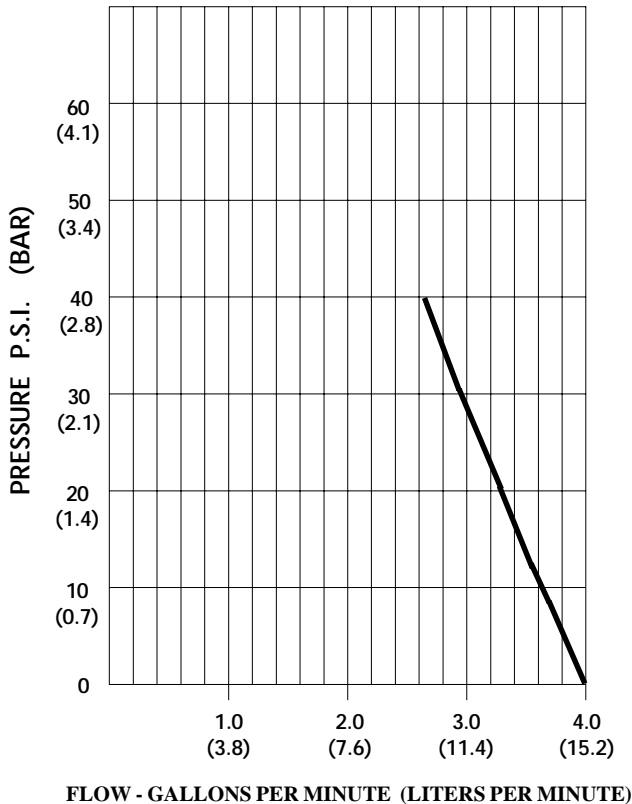


TEMPERATURE RISE



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 280°F .

TYPICAL PERFORMANCE



PRESSURE (PSI/BAR)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	4.0/15.1	2600/2650	7.1	12 VDC
10	3.6/13.6	2585/2625	9.4	"
20	3.4/12.9	2500/2530	10.4	"
30	3.0/11.4	2440/2470	11.6	"
40	2.7/10.2	2415/2460	12.5	"

*-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
-ALL DATA BASED ON TESTING WITH WATER.*