

SPECIFICATIONS:

MODEL NUMBER: 2088-343-500

PUMP DESIGN: Positive Displacement 3 Chamber Diaphragm Pump

CHECK VALVE: None

CAM: 3.0 Degree

MOTOR: Permanent Magnet, P/N 11-111-00

VOLTAGE: 12 VDC Nominal

PRESSURE SWITCH: None

LIQUID TEMPERATURE: 170 Degrees Fahrenheit (77 Degrees Centigrade) Max.

PRIME: Self-Priming Up To 9 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- Santoprene

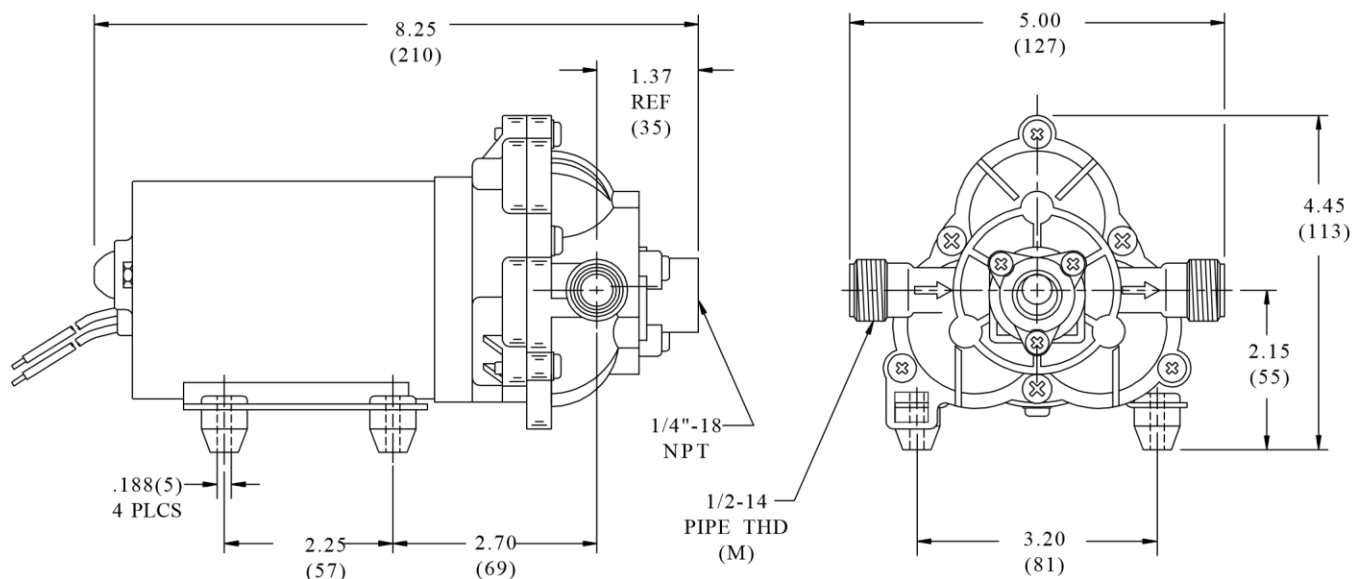
FASTENERS- Zinc Plated Steel

NET WEIGHT: 4.7 Lbs (2.13 Kg)

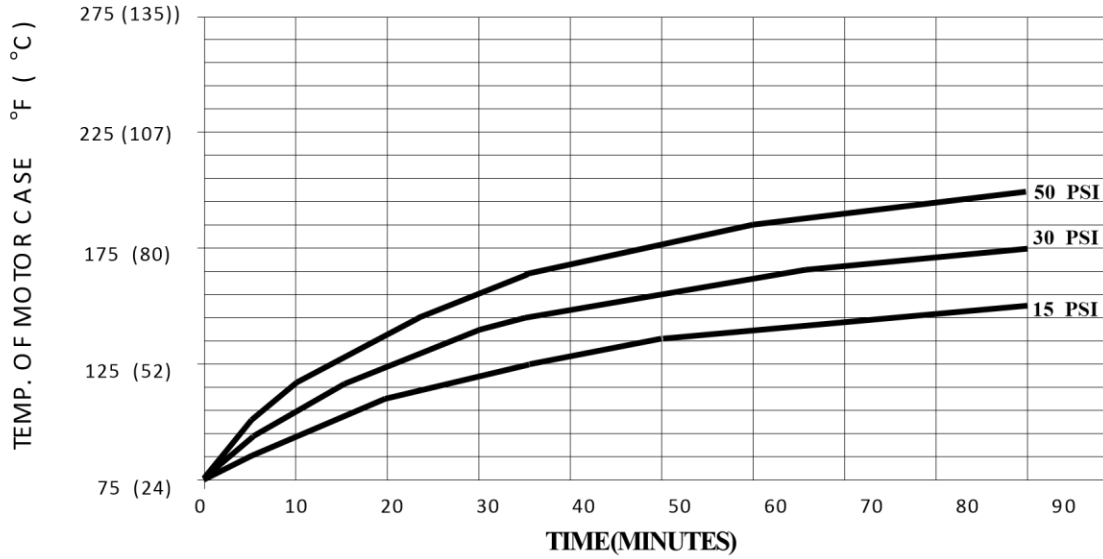
DUTY CYCLE: Intermittent (See Temperature Rise Chart)

TYPICAL APPLICATIONS: Water Delivery

DIMENSIONS:

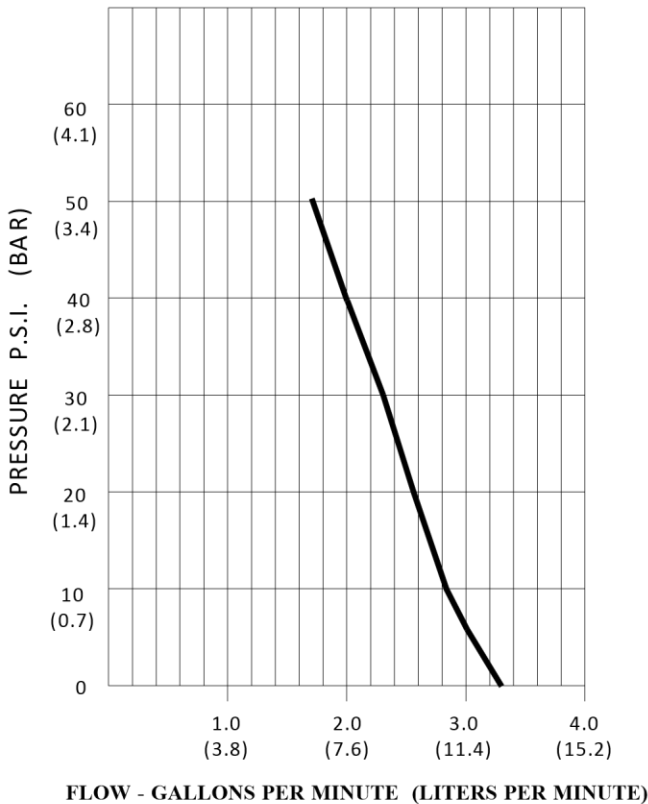


TEMPERATURE RISE



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.

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (G PM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	3.30/12.5	2170/2405	5.0	12 VDC
10	2.79/10.6	2140/2400	5.8	"
20	2.51/9.5	2040/2275	7.1	"
30	2.26/8.6	1960/2135	8.3	"
40	1.99/7.5	1900/2025	9.3	"
50	1.69/6.4	1840/1970	10.1	"

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