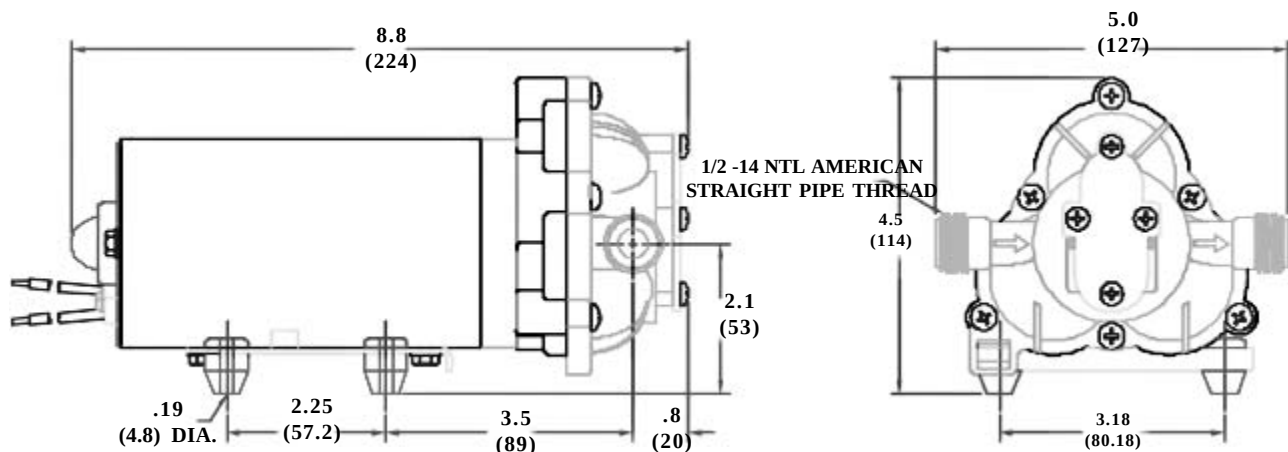
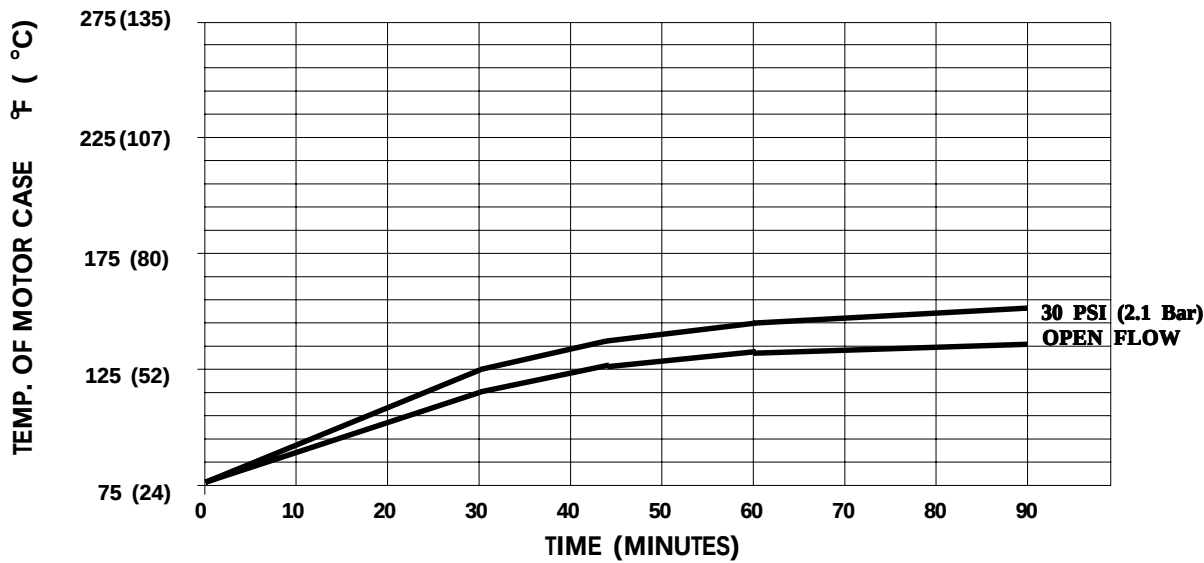


SHURflo®*First in Fluid Innovation***PRODUCT DATA SHEET****MODEL: 2088-514-500****SPECIFICATIONS:****MODEL NUMBER:** 2088-514-500**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump**CAM:** 3.0 Degree**MOTOR:** Permanent Magnet, P/N 11-226-06, Thermally Protected**VOLTAGE:** 12 VDC Nominal**PRESSURE SWITCH:** None**LIQUID TEMPERATURE:** 130 Degrees Fahrenheit (54 Degrees Centigrade) Max.**PRIME:** Self-Priming Up To 10.0 Feet (3.05 Meters) Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)**PORTS:** 1/2" - 14 Male Parallel Thread**MATERIAL OF CONSTRUCTION:****PLASTICS-** Polypropylene**VALVES-** Santoprene**DIAPHRAGM-** Santoprene**FASTENERS-** Stainless Steel**NET WEIGHT:** 4.7 Lbs (2.13 Kg)**DUTY CYCLE:** Continuous (See Temp. Rise Chart)**TYPICAL APPLICATIONS:** Agricultural Spraying**BYPASS:** 55 PSI Max.**DIMENSIONS:**

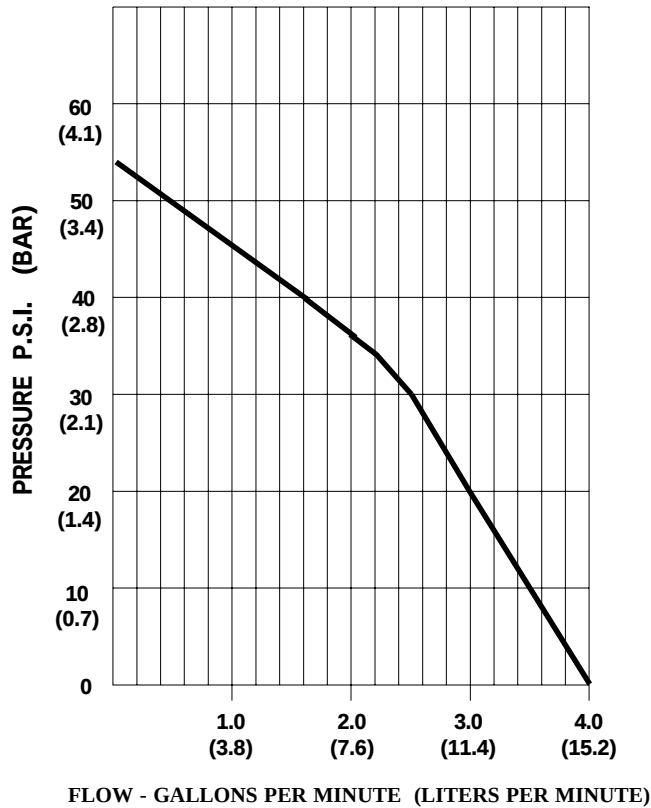
MODEL: 2088-514-500

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 290° F.

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	4.0/15.1	2600/2640	5.5	12 VDC
10	3.5/13.2	2580/2615	8.0	"
20	3.2/12.1	2480/2530	9.5	"
30	2.5/9.5	2425/2480	11.0	"
40	1.6/6.1	2390/2410	11.6	"
50	0.6/2.3	2350/2380	13.0	"

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