SHURflo®
First in Fluid Innovation

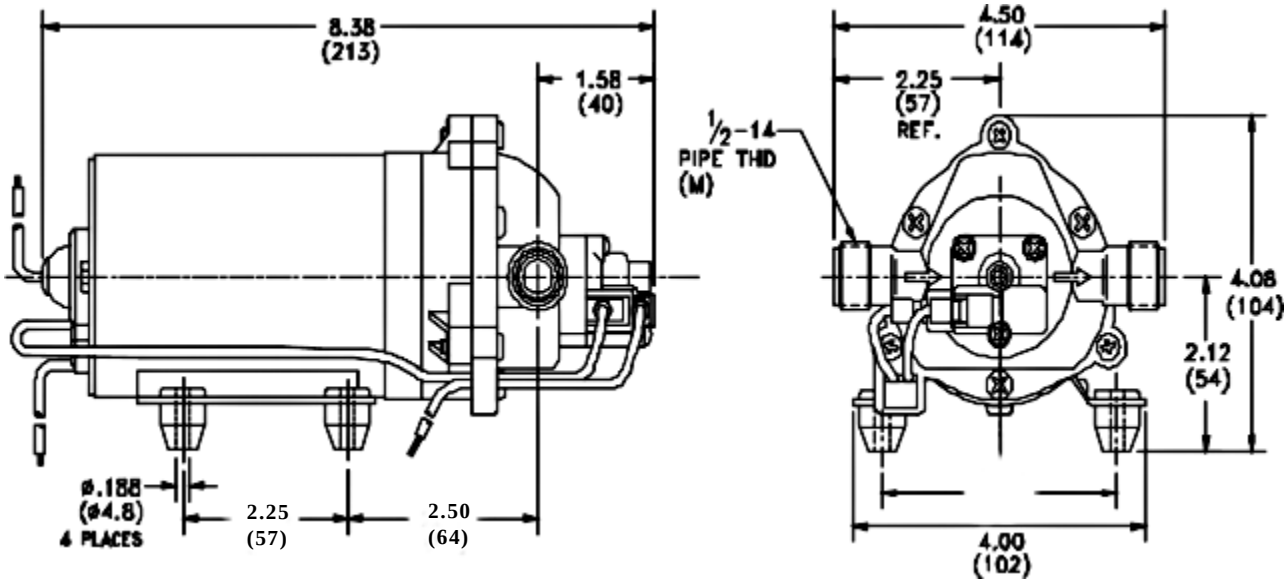
PRODUCT DATA SHEET

MODEL: 8000-443-136

SPECIFICATIONS:

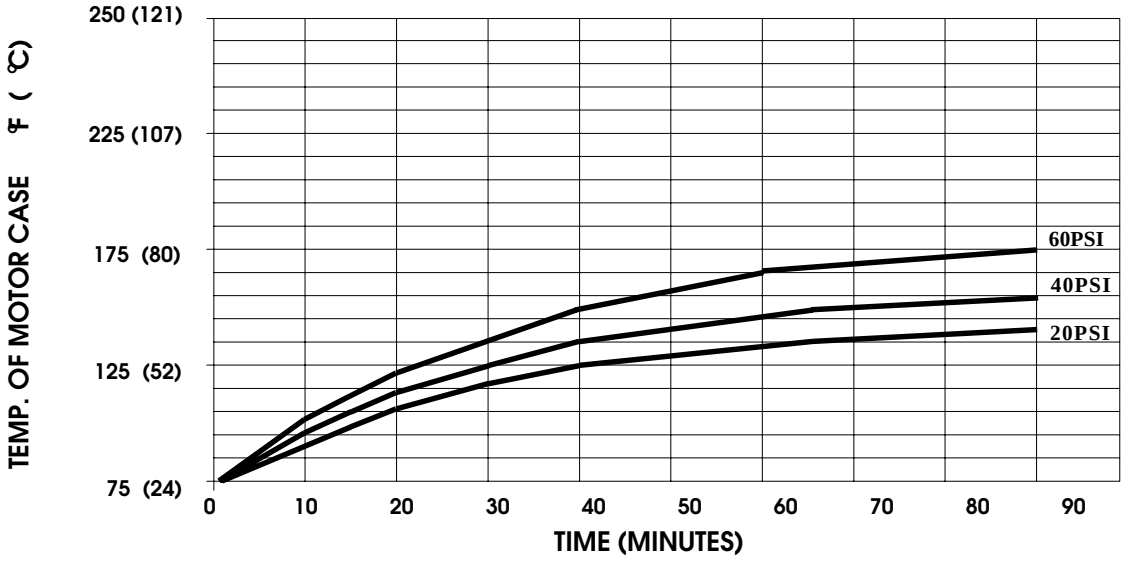
MODEL NUMBER: 8000-443-136
PUMP DESIGN: Positive Displacement 3 Chamber Diaphragm Pump
CHECK VALVE: (1-Way Operation) Prevents Reverse Flow
CAM: 3.0 Degree
MOTOR: Permanent Magnet, P/N 11-111-00
VOLTAGE: 12 VDC Nominal
PRESSURE SWITCH: Adjustable Shut-Off (Range 40-60 PSI)
Factory Set @ 60 PSI, Turn On 45PSI ± 5 PSI
LIQUID TEMPERATURE: 170 Degrees Fahrenheit (77 Degrees Centigrade) Max.
PRIME: Self-Priming Up To 12 Ft. Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)
PORTS: 1/2"-14 Male Parallel Thread
MATERIAL OF CONSTRUCTION:
PLASTICS- Polypropylene
VALVES- EPDM
DIAPHRAGM- Santoprene
FASTENERS- Zinc Plated Steel
NET WEIGHT: 4.56 Lbs (2.07Kg)
DUTY CYCLE: Continuous (See Temperature Rise Chart)
TYPICAL APPLICATIONS: Water Delivery

DIMENSIONS:



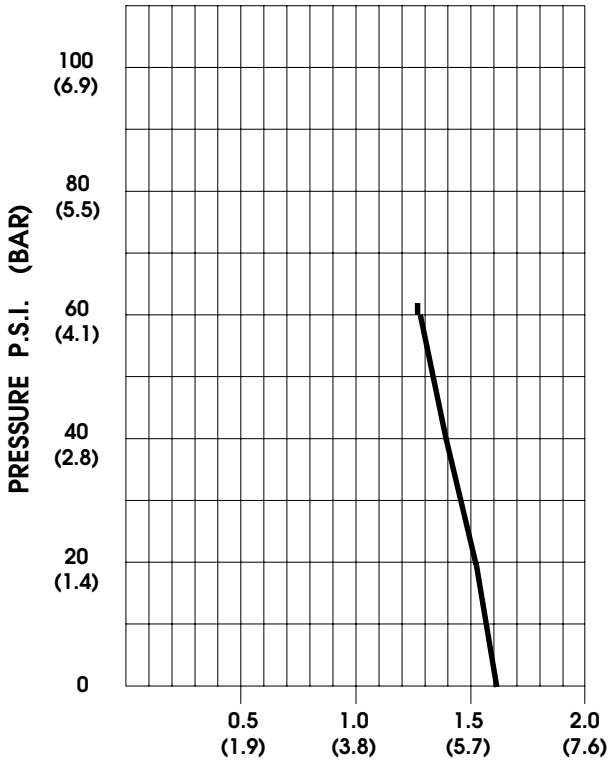
MODEL: 8000-443-136

TEMPERATURE RISE



THIS GRAPH IS FOR USE AS A DESIGN GUIDE. IT IS BASED ON RUNNING CONTINUOUSLY WITH AN AMBIENT TEMPERATURE OF 70° F IN STILL AIR.

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.75/6.6	2290/2315	3.1	12VDC
10	1.66/6.3	225/2255	3.4	"
20	1.57/5.9	2170/2205	4.2	"
30	1.48/5.6	2130/2155	4.9	"
40	1.38/5.2	2045/2085	5.6	"
50	1.30/4.9	2020/2045	6.9	"
60	1.23/4.6	1893/1970	7.2	"

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

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