

SPECIFICATIONS:

MODEL NUMBER: 8010-121-200

PUMP DESIGN: Positive Displacement 3 Chamber Diaphragm Pump

CAM: 2.0 Degree

MOTOR: Permanent Magnet, P/N 11-150-10, Thermally Protected

VOLTAGE: 115 VAC Nominal

PRESSURE SWITCH: None

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

PRIME: Self-Priming Up To 5.0 Ft. Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)

PORTS: 3/8"-18 NPT, Female

MATERIAL OF CONSTRUCTION:

PLASTICS- Polypropylene

VALVES- EPDM

DIAPHRAGM- Santoprene

FASTENERS- Zinc Plated Steel

NET WEIGHT: 4.8 Lbs (2.2 Kg)

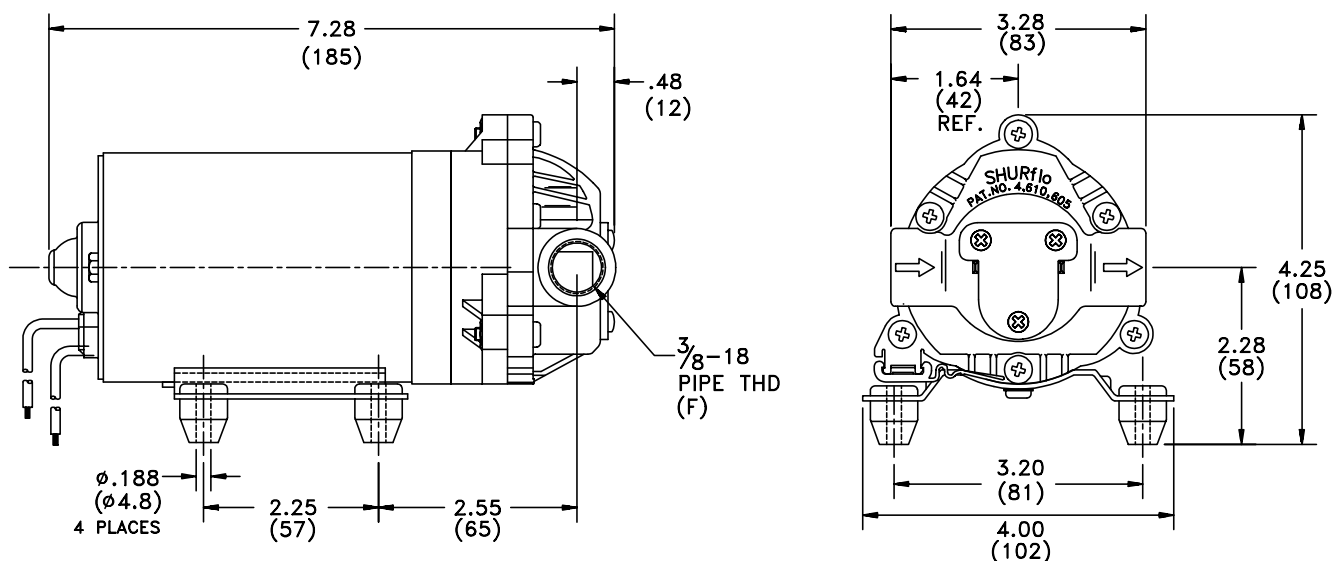
DUTY CYCLE: Intermittent (See Temperature Rise Chart)

TYPICAL APPLICATIONS: Booster Pump

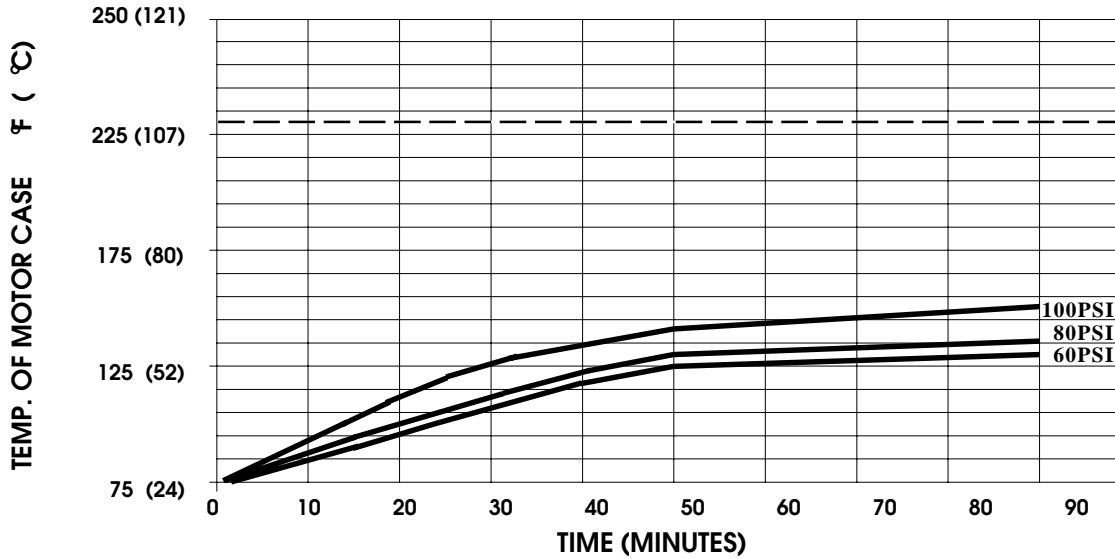
BYPASS: 80 PSI

APPROVALS: NSF Listed

DIMENSIONS:



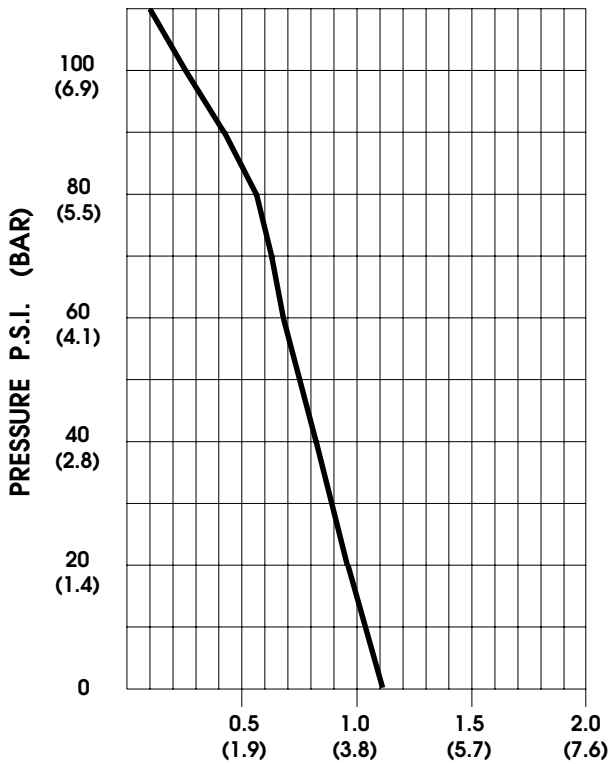
TEMPERATURE RISE



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. THE THERMAL BREAKER WILL OPEN WHEN THE CASE TEMPERATURE REACHES 230° F.

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

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.10/4.2	2295/2390	0.30	115 VAC
10	1.03/3.9	2250/2325	0.33	"
20	0.96/3.6	2200/2260	0.37	"
30	0.89/3.4	2150/2190	0.41	"
40	0.81/3.1	2095/2160	0.44	"
50	0.76/2.9	2045/2110	0.49	"
60	0.67/2.5	2015/2085	0.51	"
70	0.64/2.4	1990/2040	0.54	"
80	0.56/2.1	1950/2005	0.56	"
90	0.42/1.6	1925/1980	0.59	"
100	0.25/0.9	1890/1945	0.61	"

FLOW - GALLONS PER MINUTE (LITERS PER MINUTE)

-SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

-ALL DATA BASED ON TESTING WITH WATER AT AMBIENT TEMPERATURE.