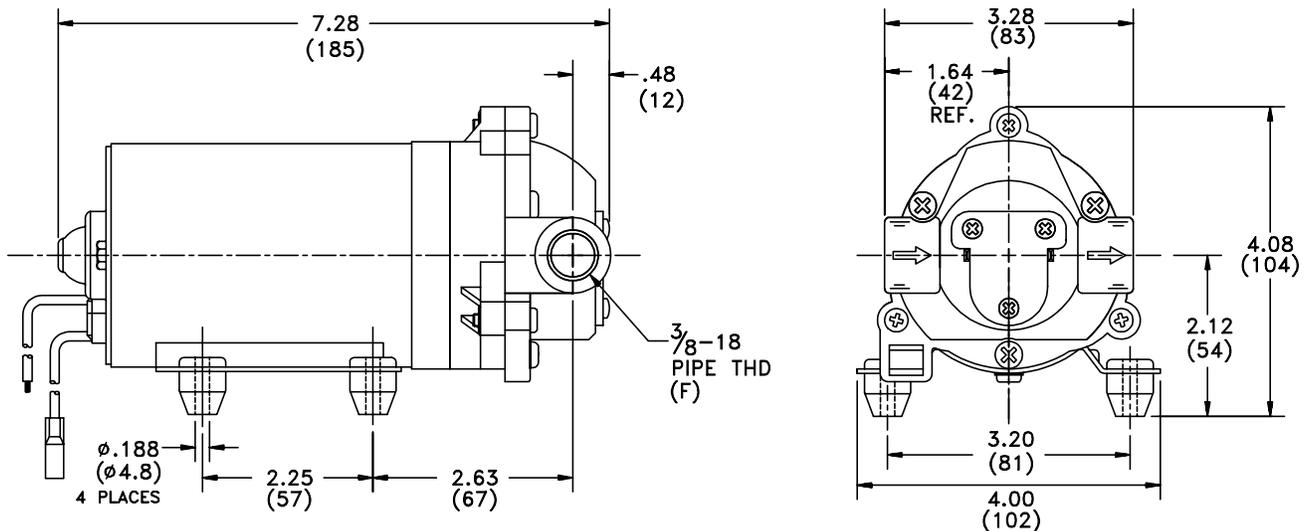


MODEL: 8005-952-480

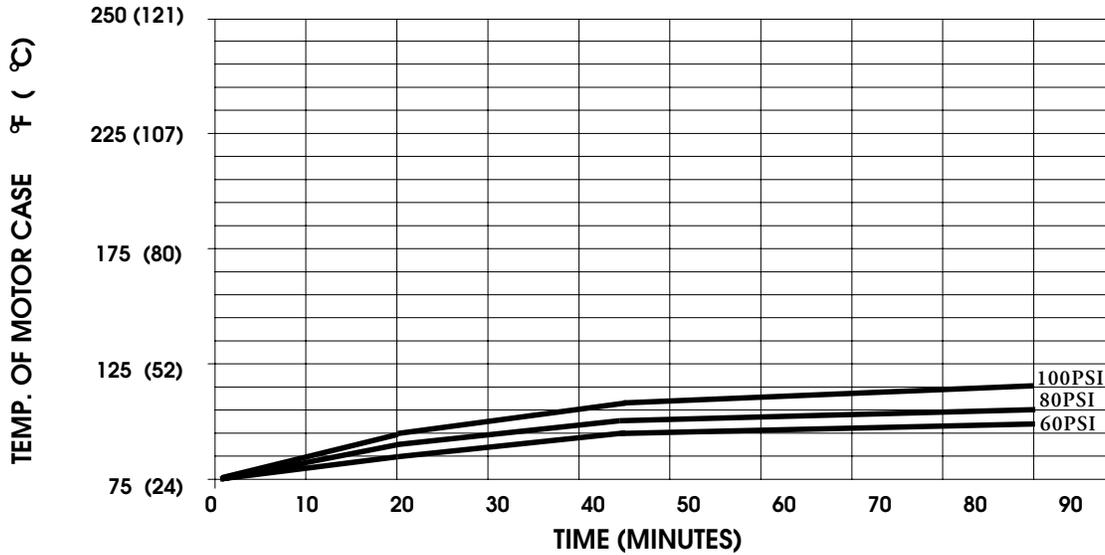
SPECIFICATIONS:

MODEL NUMBER: 8005-952-480
PUMP DESIGN: Positive Displacement 3 Chamber Diaphragm Pump
CAM: 2.5 Degree
MOTOR: Permanent Magnet, P/N 11-147-10
VOLTAGE: 36 VDC Nominal
PRESSURE SWITCH: None
LIQUID TEMPERATURE: 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.
PRIME: Self-Priming Up To 10 Ft. Vertical,
 Max. Inlet Pressure 30 PSI (2.1 Bar)
PORTS: 3/8"-18 NPT Female
MATERIAL OF CONSTRUCTION:
 PLASTICS- Nylon
 VALVES- EPDM
 DIAPHRAGM- Santoprene
 FASTENERS- Zinc Plated Steel
NET WEIGHT: 4.2 Lbs (1.9 Kg)
DUTY CYCLE: Continuous (See Temperature Rise Chart)
APPROVALS: N.S.F. Listed
TYPICAL APPLICATIONS: R.O. Booster Pump
BYPASS: 80 to 110 PSI Max.

DIMENSIONS:

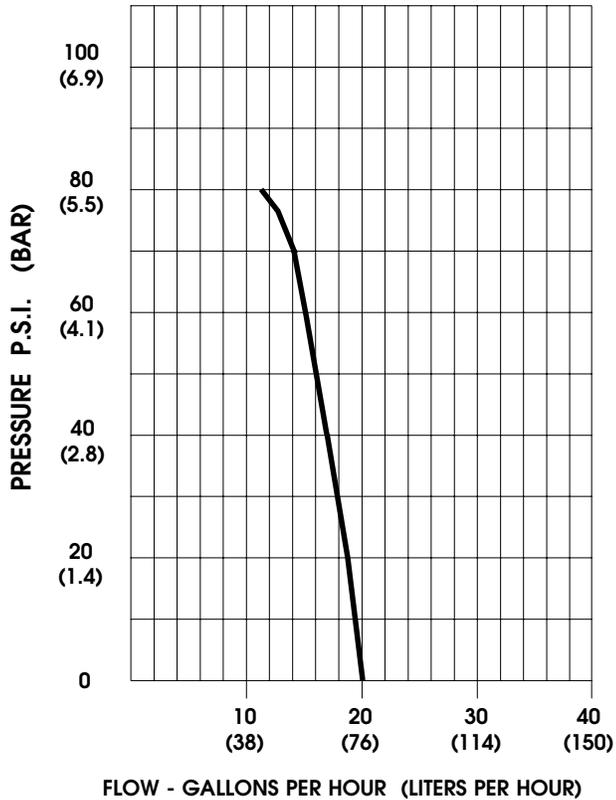


TEMPERATURE RISE



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.

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPH/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	20.3/77	635/660	0.17	36 VDC
10	19.4/73	630/645	0.19	"
20	18.6/70	615/620	0.25	"
30	17.8/67	590/595	0.30	"
40	16.9/64	565/570	0.36	"
50	16.0/61	545/560	0.40	"
60	15.0/57	520/540	0.46	"
70	13.9/53	495/525	0.51	"
80	11.6/44	470/510	0.56	"

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