

MODEL: 8075-132-312

SPECIFICATIONS:

MODEL NUMBER: 8075-132-312

PUMP DESIGN: Positive Displacement 3 Chamber Diaphragm Pump

CAM: 2.5 Degree

MOTOR: Permanent Magnet, P/N 11-147-16

VOLTAGE: 24 VDC Nominal

PRESSURE SWITCH: None

LIQUID TEMPERATURE: 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.

PORTS: 3/8"-18 NPT Female

MATERIAL OF CONSTRUCTION:

PLASTICS- Nylon

VALVES- EPDM

DIAPHRAGM- Santoprene

FASTENERS- Stainless Steel

NET WEIGHT: 4.6 Lbs (2.1 Kg)

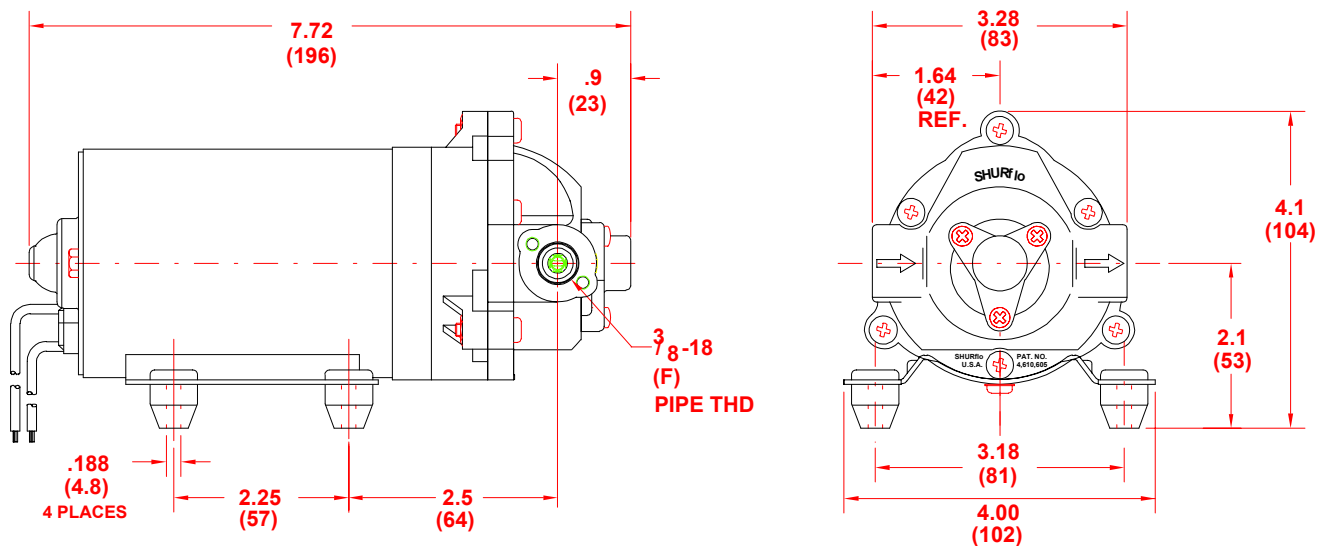
DUTY CYCLE: Continuous (See Temperature Rise Chart)

APPROVALS: N.S.F. Listed

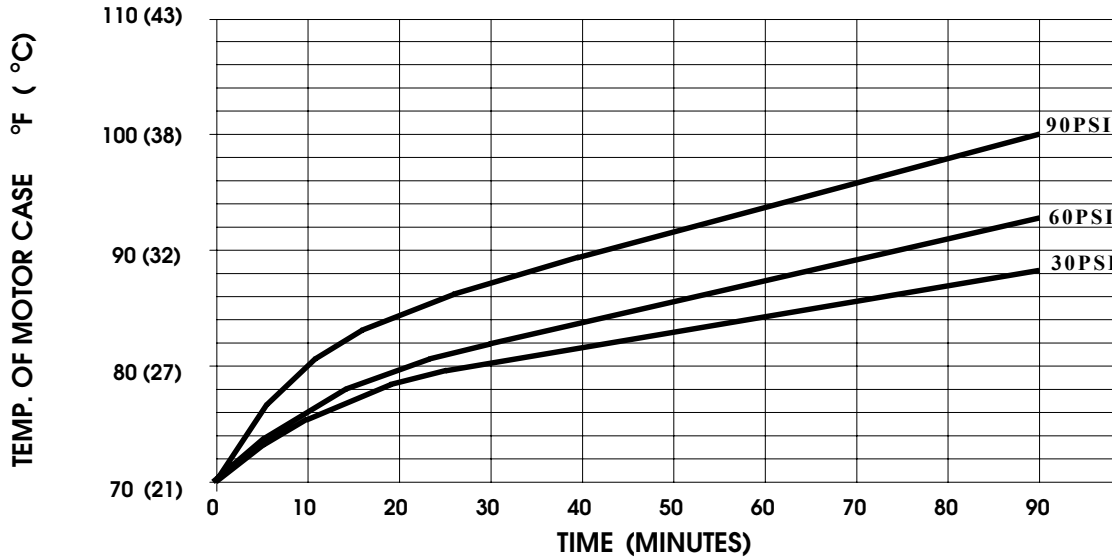
TYPICAL APPLICATIONS: R.O. Booster Pump

BYPASS: 95 to 115 PSI Max.

DIMENSIONS:

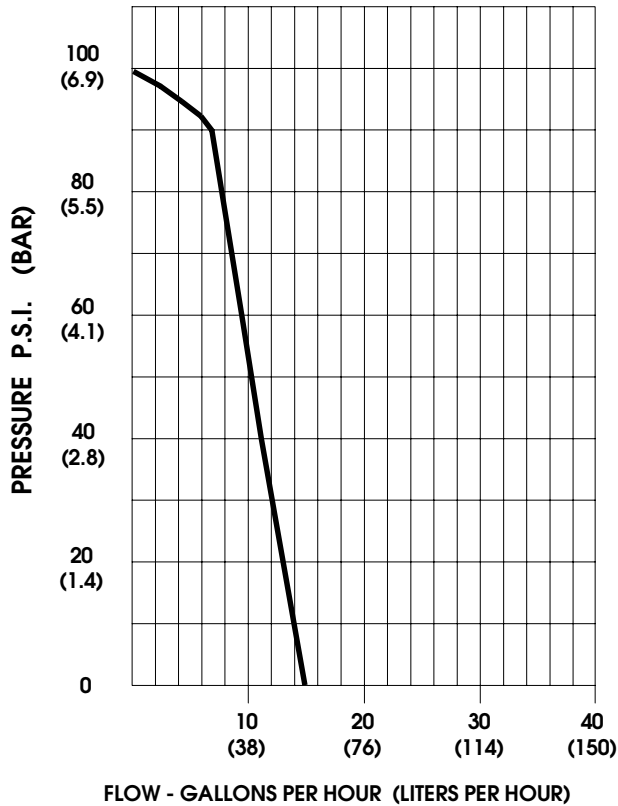


TEMPERATURE RISE



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	15.0/57	400/410	0.15	24 VDC
10	13.7/52	390/400	0.22	"
20	12.9/49	365/375	0.28	"
30	12.1/46	350/355	0.33	"
40	11.2/42	330/335	0.38	"
50	10.4/39	305/325	0.43	"
60	9.5/36	300/305	0.48	"
70	8.7/33	285/290	0.53	"
80	8.0/30	260/265	0.58	"
90	7.1/27	250/255	0.63	"

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