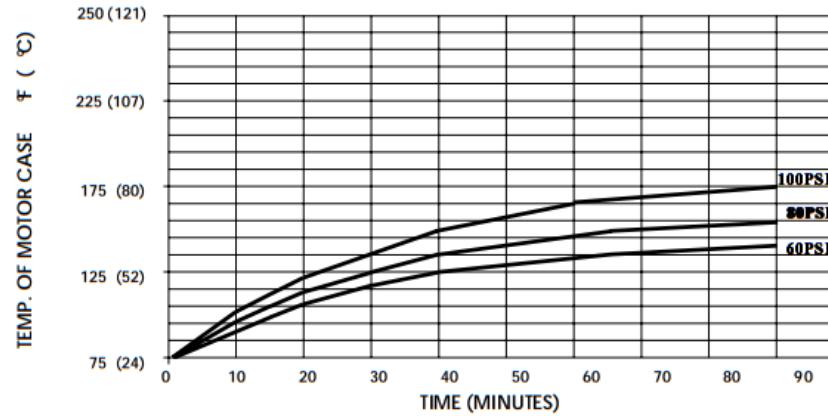


SPECIFICATIONS:

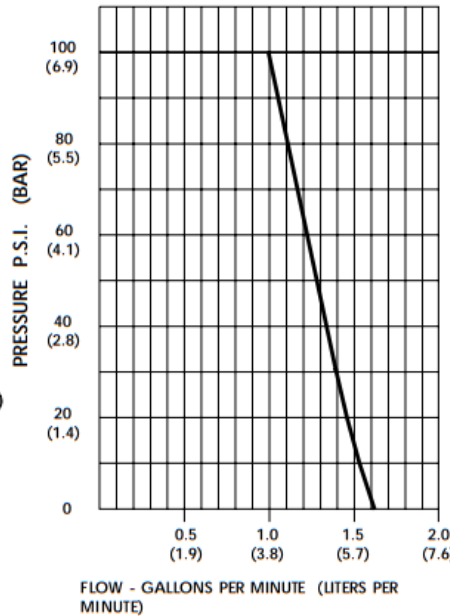
- MODEL NUMBER:** 8000-853-238
- PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump
- CHECK VALVE:** (2-Way Op.) Prevents Reverse Flow & 6 Ft. Head Forward Flow
- CAM:** 3.0 Degree
- MOTOR:** Permanent Magnet, P/N 11-127-10
- VOLTAGE:** 24 VDC Nominal
- PRESSURE SWITCH:** Adjustable Shut-Off (Range 80-100 PSI)
Factory Set @100 PSI, Turn On 85 PSI ±5 PSI
- LIQUID TEMPERATURE:** 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.
- PRIME:** Self-Priming Up To 8 Ft. Vertical,
Max. Inlet Pressure 30 PSI (2.1 Bar)
- PORTS:** 3/8"-18 NPT Female
- MATERIAL OF CONSTRUCTION:**
 - PLASTICS- Nylon
 - VALVES- Viton
 - DIAPHRAGM- Santoprene
 - FASTENERS- Zinc Plated Steel
- NET WEIGHT:** 4.7 Lbs (2.13 Kg)
- DUTY CYCLE:** Intermittent (See Temperature Rise Chart)
- TYPICAL APPLICATIONS:** Soil Extraction

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	1.61/6.1	2305/2320	1.8	24VDC
10	1.54/5.8	2280/2295	2.1	"
20	1.46/5.5	2240/2265	2.4	"
30	1.38/5.2	2200/2240	2.7	"
40	1.33/5.0	2145/2218	3.0	"
50	1.26/4.8	2115/2190	3.3	"
60	1.22/4.6	2090/2160	3.5	"
70	1.17/4.4	2065/2132	3.8	"
80	1.12/4.2	2030/2110	4.1	"
90	1.06/4.0	2000/2080	4.3	"
100	1.02/3.9	1970/2050	4.5	"

DIMENSIONS:

