SHURflo®
First in Fluid Innovation

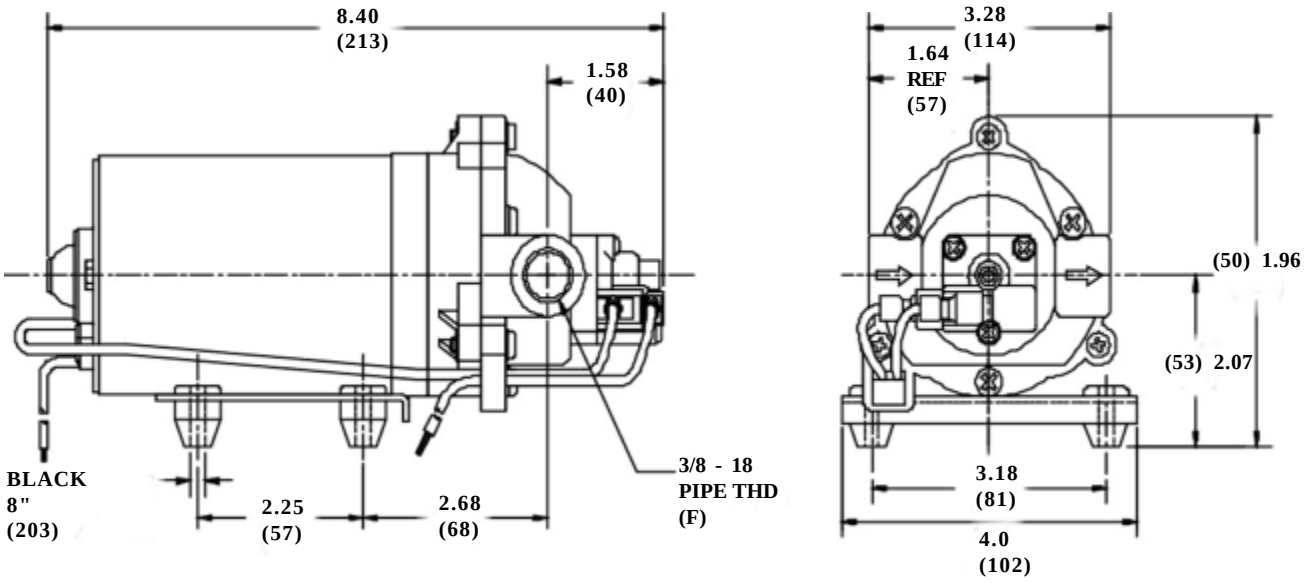
PRODUCT DATA SHEET

MODEL: 8000-783-238

SPECIFICATIONS:

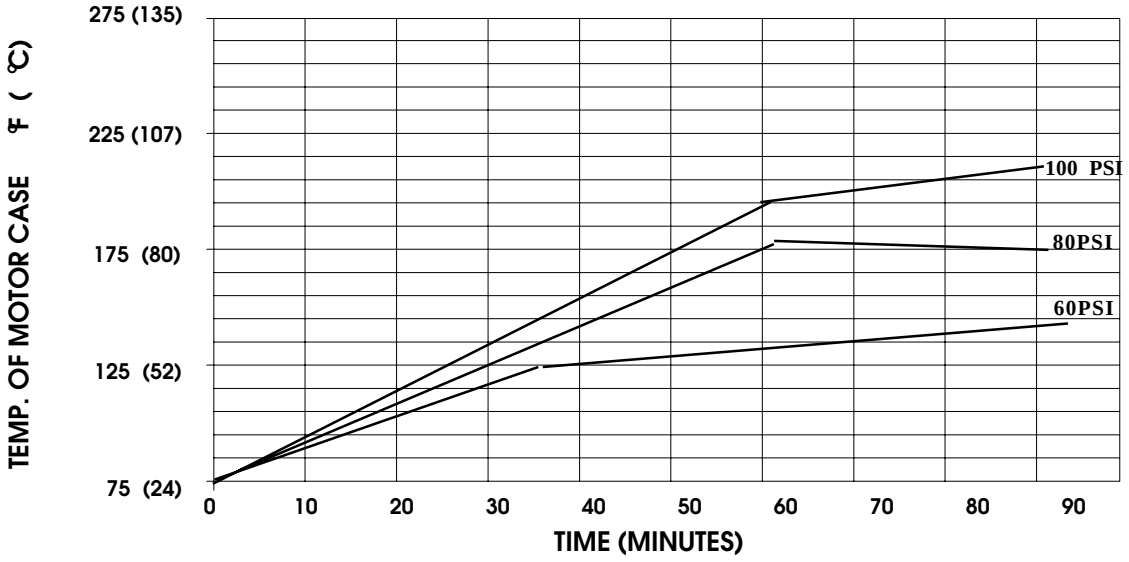
MODEL NUMBER: 8000-783-238
PUMP DESIGN: Positive Displacement 3 Chamber Diaphragm Pump
CHECK VALVE: (1-Way Operation) Prevents Reverse Flow
CAM: 3.0 Degree
MOTOR: Permanent Magnet, P/N 11-119-05
VOLTAGE: 36 VDC Nominal
PRESSURE SWITCH: Adjustable Shut-Off (Range 80-100 PSI)
Factory Set @ 100 PSI, Turn On 85 PSI ± 5 PSI
LIQUID TEMPERATURE: 180 Degrees Fahrenheit (82 Degrees Centigrade) Max.
PRIME: Self-Priming Up To 12 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: 5.1 Lbs (2.3 Kg)
DUTY CYCLE: Continuous (See Temperature Rise Chart)
TYPICAL APPLICATIONS: Soil Extraction

DIMENSIONS:

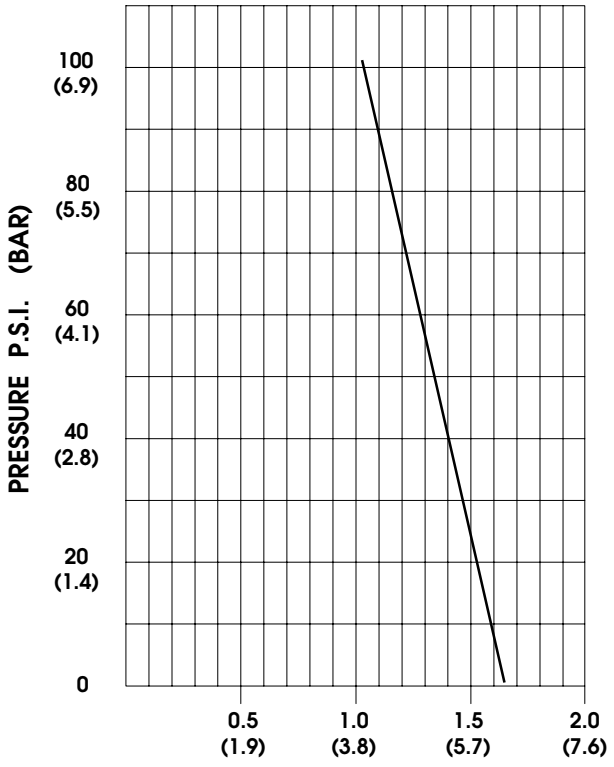


MODEL: 8000-783-238

TEMPERATURE RISE



TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.63/6.2	2330/2435	0.91	36VDC
10	1.58/6.0	2300/2395	1.13	
20	1.52/5.7	2245/2335	1.40	
30	1.47/5.5	2195/2280	1.64	
40	1.40/5.3	2150/2225	1.88	
50	1.35/5.1	2105/2175	2.11	
60	1.30/4.9	2070/2125	2.32	
70	1.24/4.7	2025/2080	2.54	
80	1.19/4.5	1985/2030	2.73	
90	1.16/4.4	1935/1985	2.93	
100	1.10/4.1	1900/1935	3.10	

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

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