

SPECIFICATIONS:

MODEL NUMBER: 8025-733-256

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 11-195-01, Thermally Protected

VOLTAGE: 115 VAC Nominal

PRESSURE SWITCH: Adjustable Shut-Off (Range 40-60 PSI)

Factory Set @ 60 PSI, Turn On 45 PSI +/- 5 PSI

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

PRIME: Self-Priming Up To 14 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: 5.3 Lbs (2.4 Kg)

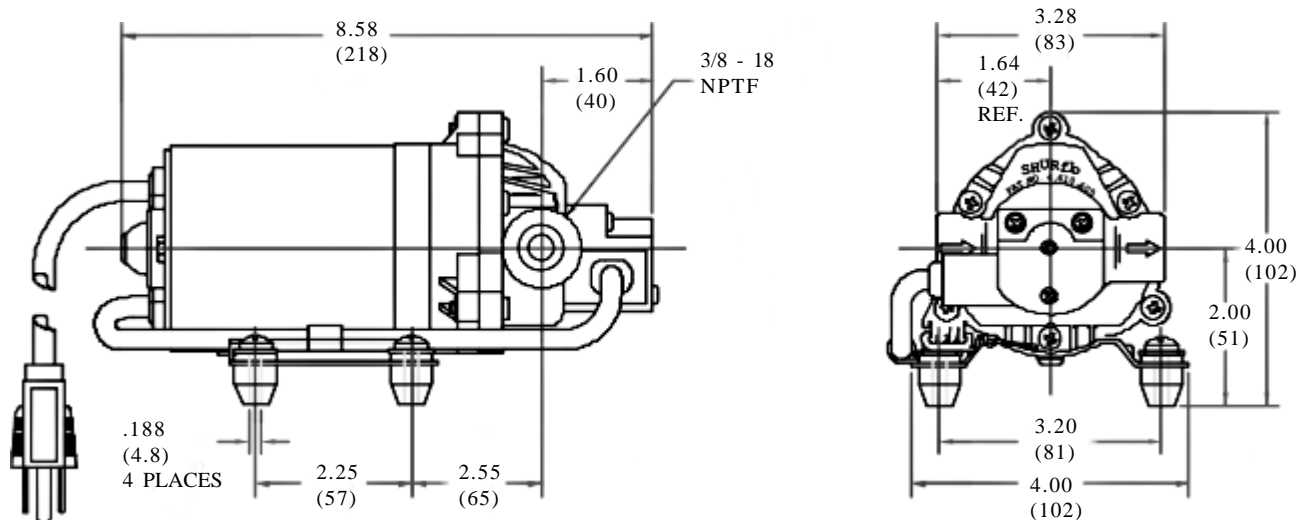
DUTY CYCLE: Intermittent (See Temperature Rise Chart)

APPROVALS: UL/CSA/NSF Listed

TYPICAL APPLICATIONS: Soil Extraction, Water Delivery

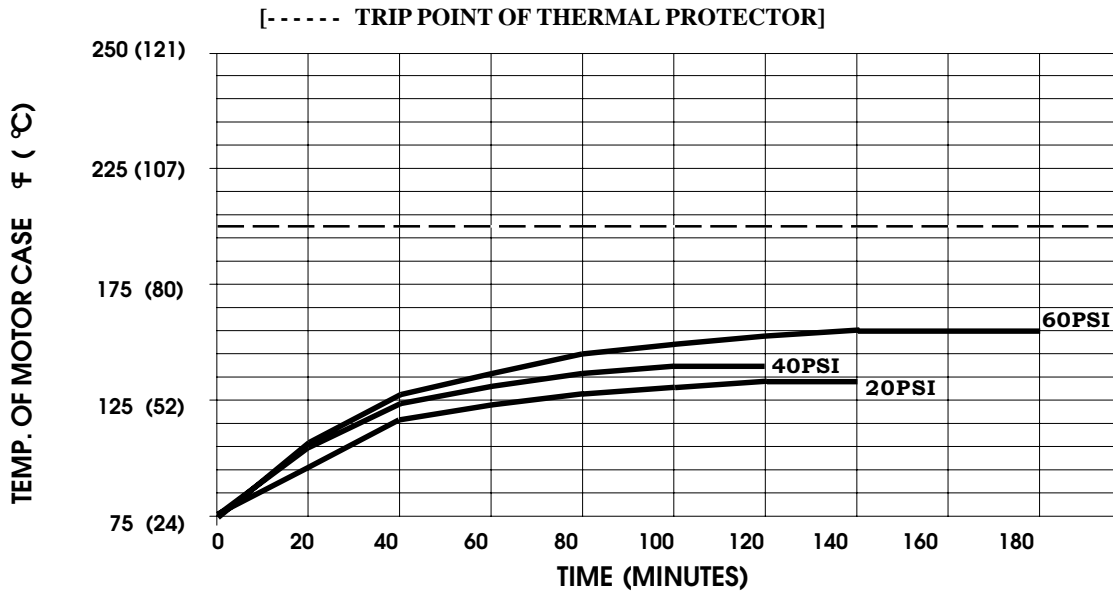
BYPASS: 45PSI

DIMENSIONS:



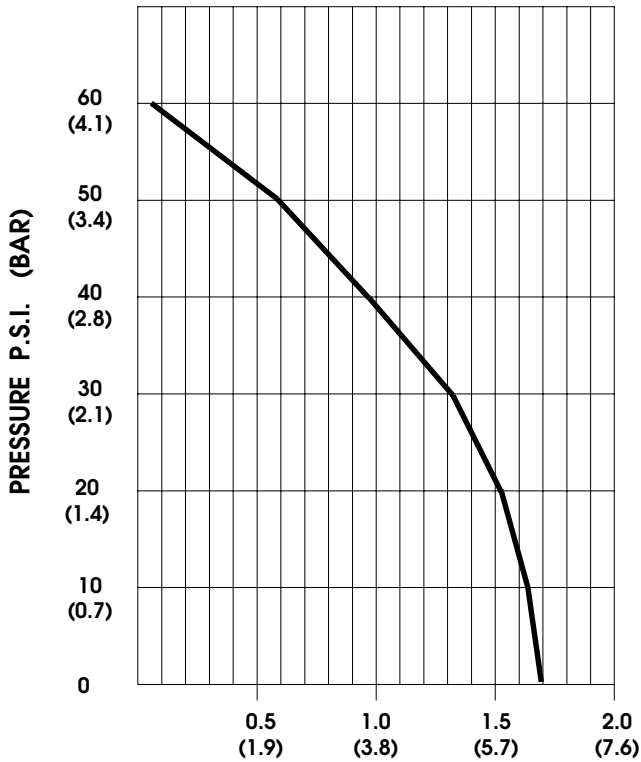
TEMPERATURE RISE

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THIS GRAPH IS FOR USE AS A DESIGN GUIDE. IT IS BASED ON RUNNING CONTINUOUSLY WITH AN AMBIENT TEMPERATURE OF 75° F IN STILL AIR. THE THERMAL BREAKER WILL OPEN WHEN THE CASE TEMPERATURE REACHES 203° F.

TYPICAL PERFORMANCE



PRESSURE (PSI)	FLOW (GPM/LIT)	RPM MIN/MAX	CURRENT (AMPS)	VOLTAGE (VOLTS)
OPEN	1.70/5.7	2135/2150	0.34	115VAC
10	1.63/5.3	2090/2100	0.38	"
20	1.52/5.0	2015/2050	0.44	"
30	1.35/4.7	1960/1965	0.49	"
40	0.86/4.3	1910/1915	0.54	"
50	0.59/4.2	1845/1855	0.59	"
60	0.03/4.0	1700/1795	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.