



## PRODUCT DATA SHEET

**MODEL:** 8000-053-210

## SPECIFICATIONS:

**MODEL NUMBER:** 8000-053-210

**PUMP DESIGN:** Positive Displacement 3 Chamber Diaphragm Pump

**CAM:** 3.0 Degree

**MOTOR:** Permanent Magnet, P/N 11-181-00

**VOLTAGE:** 24 VDC Nominal

**PRESSURE SWITCH:** None

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

**PORTS:** 3/8"-18 NPT Female

**PRIME:** Self-Priming Up To 10 Ft. Vertical,  
Max. Inlet Pressure 30 PSI (2.1 Bar)

**MATERIAL OF CONSTRUCTION:**

## PLASTICS- Nylon

**VALVES-** Viton

**DIAPHRAGM-** Geolast

**FASTENERS-** Steel (Zinc Plated)

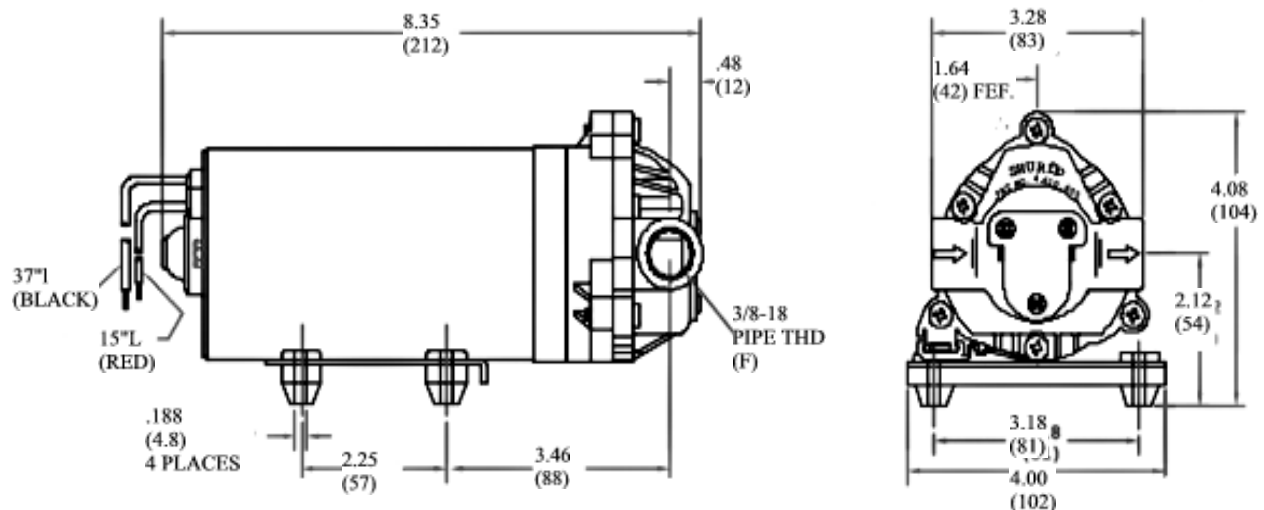
**NET WEIGHT: 5.80 Lbs (2.6 Kg)**

**DUTY CYCLE:** Continuous (See Temperature Rise Chart)

**TYPICAL APPLICATIONS:** Road Roller Equipment

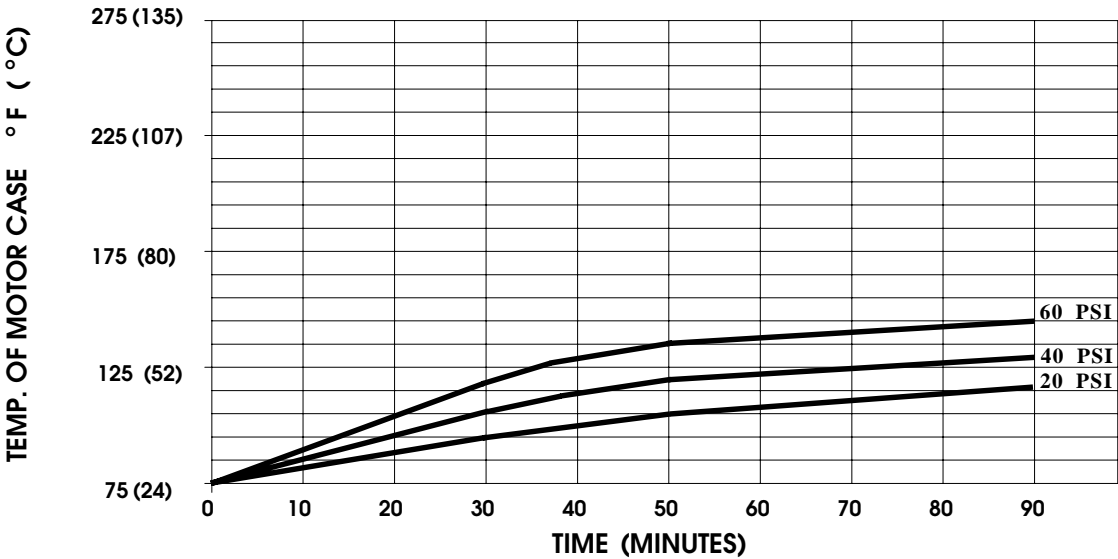
**BYPASS: 35 PSI**

**DIMENSIONS:**



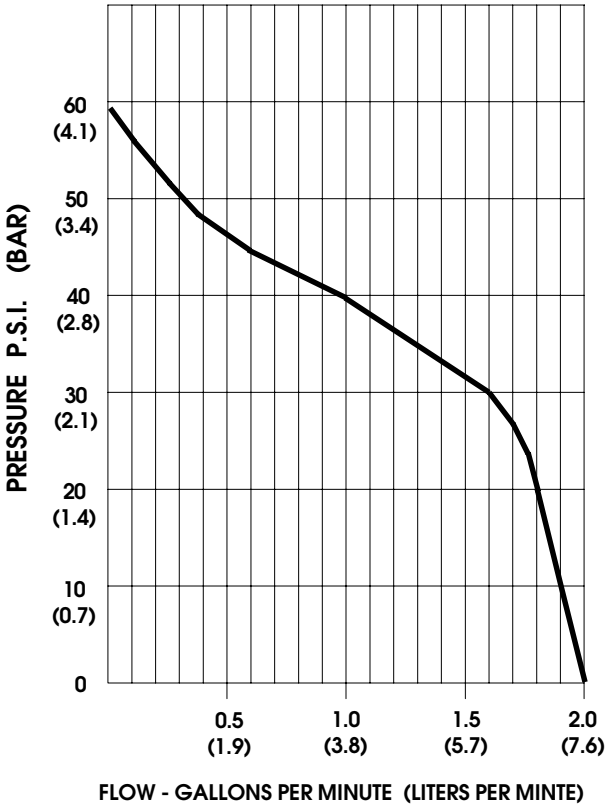
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**TEMPERATURE RISE**



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	2.0/7.6	2475/2550	2.2	24 VDC
10	1.9/7.2	2470/2540	2.4	"
20	1.8/6.8	2445/2515	2.7	"
30	1.6/6.0	2425/2500	3.0	"
40	1.0/3.8	2420/2485	3.2	"
50	0.3/1.1	2395/2470	3.5	"
60	.01/.03	2390/2465	3.6	"

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For technical advice or service please take your pump into your local pump service center.

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