

Carbonator Pump (10 BAR)

Model: 58-CAR-1000

Flow: At 8 Bar = 1.3 LPM

FEATURES:

Series 5800 Pump
230 VAC Operation
Industrial Grade Water Transfer Applications
NSF/FDA Listed Materials (See Below)
Pressure Relief Valve (Bypass) Set to 10 Bar
3.5 Degree Cam
Push-to-Connect Ports for 3/8" Tubing
Steel Mounting Plate
IPC 1000 RPM, 230VAC Motor, CE Approved

SPECIFICATIONS:

■ MOTOR:

TYPE:

230 VAC, 50/60 HZ, Permanent Magnet,
Totally Enclosed, Non-Ventilated

LEADS:

20 AWG, 66 cm Long

CONNECTOR:

3-Way Amp Plug (350766-1)

PINS:

Amp Male (926894-1)

TEMP. LIMITS:

For User Safety, Optimal Performance, and
Maximum Motor Life, This Motor is Equipped
with a Thermal Protector that Limits the Motor
Shell Temperature to 63°C, as Shown on the
Heat Rise Graph.

DUTY CYCLE:

See Heat Rise Graph

■ PUMP DESIGN:

3 Chamber Diaphragm Pump, Self Priming,
Capable of Being Run Dry

■ TYPICAL APPLICATION:

Carbonation

■ MATERIALS:

HOUSINGS:

Nylon

VALVES:

EPDM

DIAPHRAGM:

Santoprene

FASTENERS:

Stainless Steel / Carbon Steel

■ LIQUID TEMPERATURE:

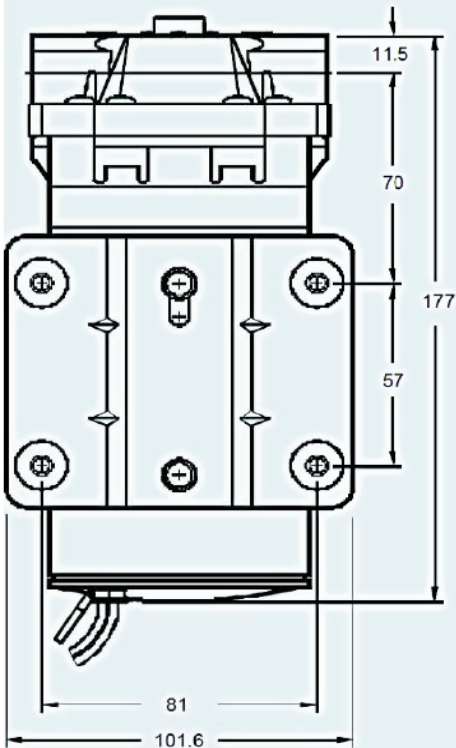
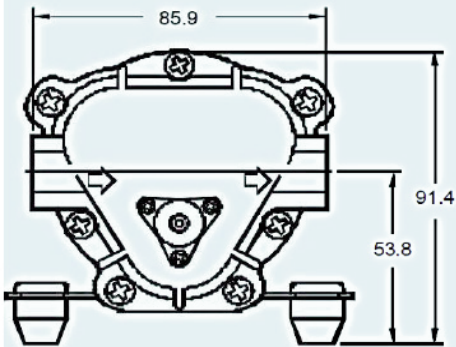
60°C Max.

■ PUMP CERTIFICATIONS:

NSF Standard 18

■ PRIMING CAPABILITIES:

2.5 Meters



WEIGHT: 2.7 KILOGRAMS



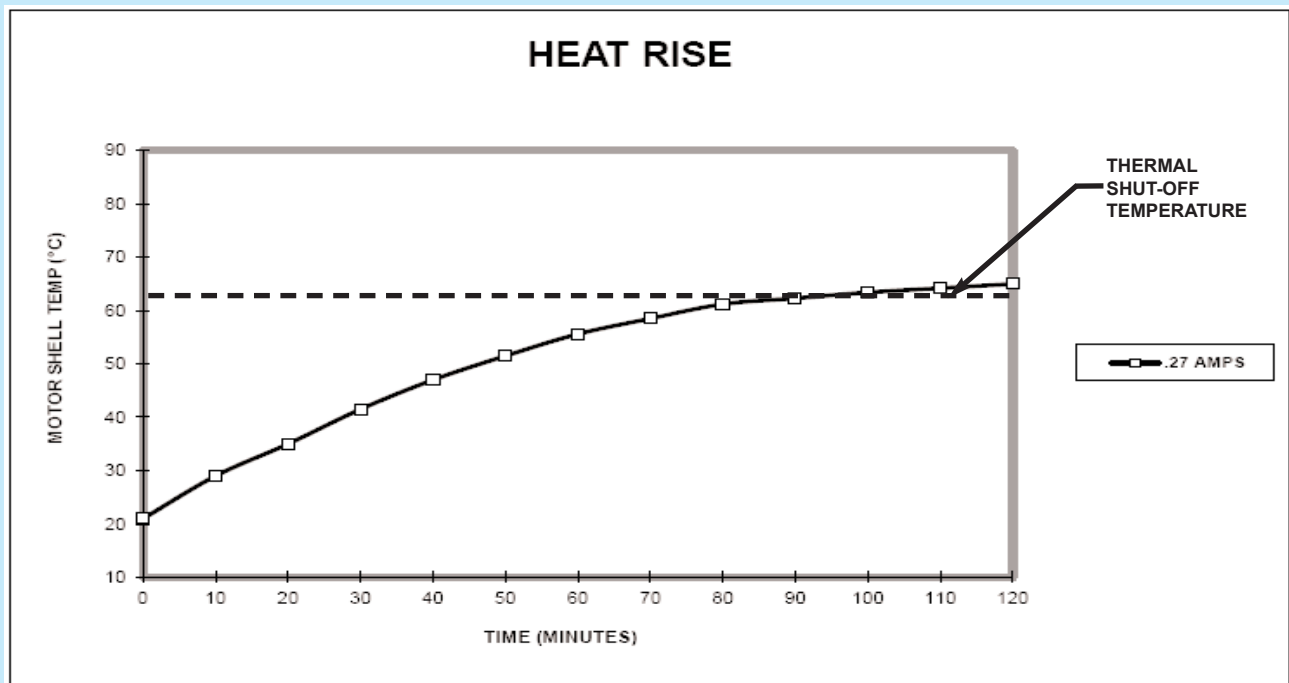
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PERFORMANCE DATA				
DISCHARGE PRESSURE	0 BAR INLET PRESSURE		2 BAR INLET PRESSURE	
	FLOW	CURRENT	FLOW	CURRENT
(BAR)	(LPM)	(AMPS)	(LPM)	(AMPS)
10	0 (BYPASS)	0.27	0 (BYPASS)	0.25
8	1.3	0.23	1.7	0.21
6	1.6	0.20	2.0	0.17
4	1.9	0.16	2.5	1.13
2	2.3	0.12	3.4	0.08
OPEN	3.2	0.08	N/A	N/A

PERFORMANCE MEASURED WITH FLOODED INLET (0 BAR) AND AT 2 BAR INLET PRESSURE, 21°C AMBIENT AND WATER TEMPERATURE, AND VOLTAGE CONTROLLED AT 230 VAC, 50 HZ. POSITIVE INLET PRESSURE WILL INCREASE THE DISCHARGE PRESSURE BY A SIMILAR AMOUNT, FOR A GIVEN FLOW. MAXIMUM INLET PRESSURE IS 4 BAR.



This pump is capable of sustaining continual running, at normal operating pressures, without shutting down to allow the motor to cool. To conserve wearing parts, however, the pump should only operate as needed.

ALL PERFORMANCE AND HEAT RISE FIGURES ARE APPROXIMATE. ACTUAL VALUES WILL VARY WITH AMBIENT CONDITIONS.