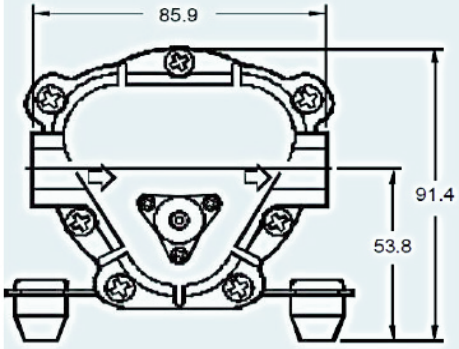
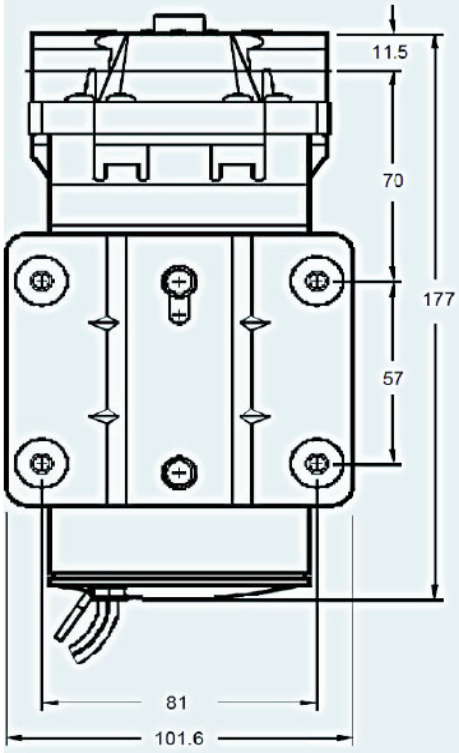
Carbonator Pump (10 BAR)

Model: 58-CAR-1400

Flow: At 8 Bar = 2.0 LPM





WEIGHT: 2.7 KILOGRAMS

Features:

- Series 5800 Pump
- 230 VAC Operation
- Industrial Grade Water Transfer Applications
- NSF/FDA Listed Materials (See Below)
- Pressure Relief Valve (Bypass) Set to 7.6 Bar
- 3.5 Degree Cam
- Push-to-Connect Ports for 3/8" Tubing
- Steel Mounting Plate
- IPC 1400 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
- **LIQUID TEMPERATURE:** 60°C Max.
- **PUMP CERTIFICATIONS:** NSF Standard 18
- **PRIMING CAPABILITIES:** 2.5 Meters

aquatec

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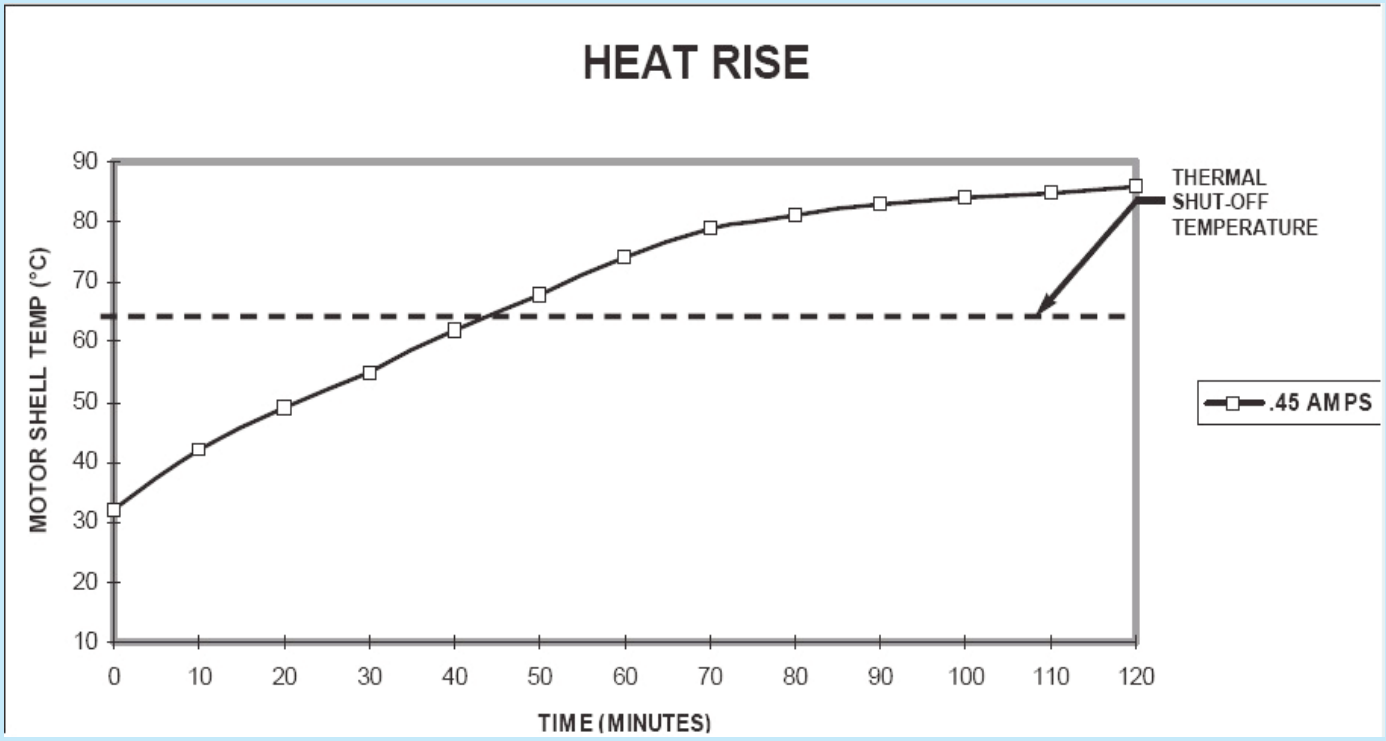
Model: 58-CAR-1400

PERFORMANCE DATA				
DISCHARGE	0 BAR INLET PRESSURE		2 BAR INLET PRESSURE	
PRESSURE	FLOW	CURRENT	FLOW	CURRENT
(BAR)	(LPM)	(AMPS)	(LPM)	(AMPS)
10	0 (BYPASS)	0.45	0 (BYPASS)	0.38
8	2.00	0.42	2.60	0.33
6	2.30	0.38	3.00	0.30
4	2.90	0.29	3.80	0.23
2	3.60	0.25	4.40	0.18
Open	4.00	0.17	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.