


**Xtreme Series**


## MARINE PRODUCT DATA SHEET

**OEM: 5901-0203**  
**AFTERMARKET: 5901-0213**

The Smart Sensor 5.7 is designed specifically for cruisers and midsize yachts. Delivering over 5 GPM and pressure up to 30 PSI, this micro-controller based variable speed pump precisely monitors your system's water pressure and adjusts the motor speed, eliminating the need for an accumulator tank.

### TYPICAL APPLICATIONS

Multi-fixture marine fresh water installations. Other uses may included 12V DC pressurized water systems in cabins This pump may be used for general water transfer. For other applications, contact SHURflo.

### PUMP

Type: 5 Chamber Diaphragm  
 Ports: Quick Connect Fittings.  
 Liquid: 130 °F [54 °C] Max  
 Prime: 6 feet [1.82 M]  
 Inlet PSI: 30 PSI [2.1 Bar] Max  
 Run Dry: Yes

### ELECTRICAL

Motor: 12VDC Permanent Magnet, Intermittent Duty  
 Protection: Thermal Overload, Automatic Restart  
 Leads: 14 AWG, 16" [40 cm] Red +, 13" [33 cm] Black -  
 Fuse: 15 Amp Recommended  
 Control: Shut-Off 35 PSI [2.4 Bar]  $\pm$  2 PSI [0.13 Bar]  
 Restart 10 PSI [0.68 Bar]  $\pm$  2 PSI [0.13 Bar]

### MATERIALS

Housing: Nylon  
 Valves: EPDM  
 Diaphragm: Santoprene  
 Hardware: Stainless Steel

### APPROVALS

Ignition Protected, CE, ISO 8846

### WARRANTY

3 Year Limited Warranty  
 See SB-1041 & SB-1050 For Full Warranty Details

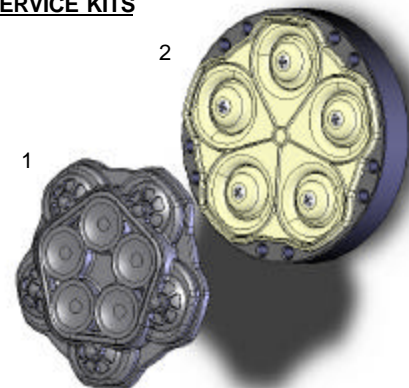
### SHIPPING

Net Weight (Boxed): 8.5 Lb [3.9Kg] each  
 Carton Weight: 6 each, 51 Lb [24 Kg]  
 Carton Size: 25"L x 19"W x 8"H  
 [63cm x 49cm x 21cm]

### RELATED DOCUMENTS

Catalog: MS-030-097  
 Installation Manual: 911-621  
 Maintenance: 911-621  
 Applications Spec Guide: MS-020-005  
 Warranty: SB-1050

### SERVICE KITS

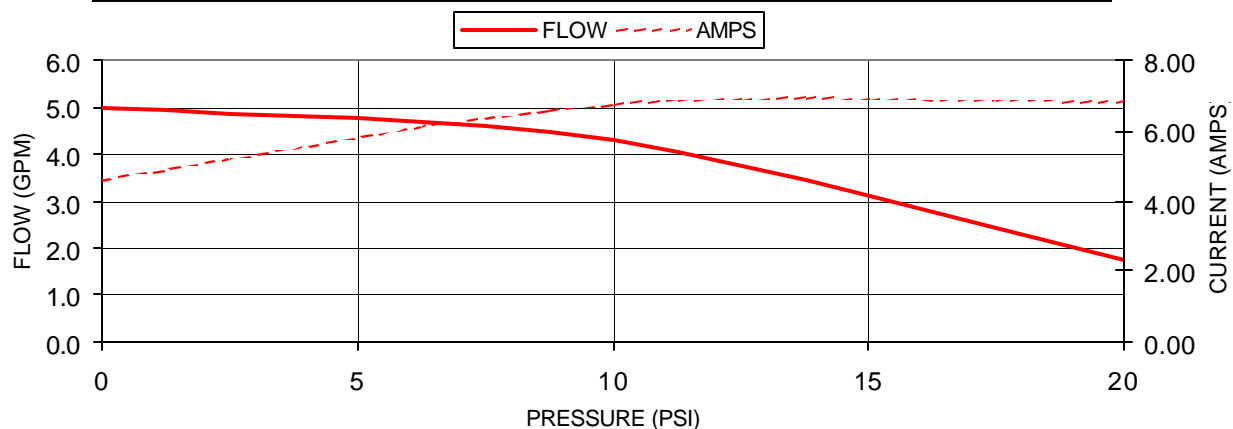


| Item | Component      | Part Kit  |
|------|----------------|-----------|
| 1    | Valve Assembly | 94-030-01 |
| 2    | Drive Assembly | 94-030-02 |

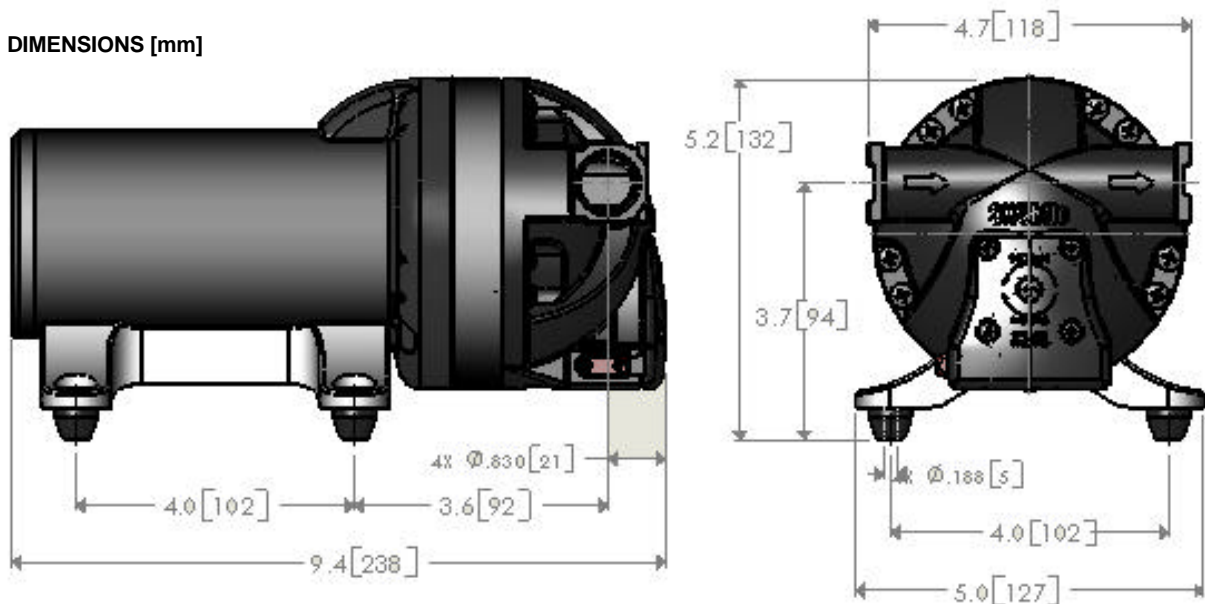


PERFORMANCE @ 12V DC

| PRESSURE |     | FLOW |      | CURRENT |
|----------|-----|------|------|---------|
| BAR      | PSI | GPM  | LPM  | AMPS    |
| 0.0      | 0   | 5.00 | 18.9 | 4.60    |
| 0.7      | 10  | 4.30 | 16.2 | 6.75    |
| 1.4      | 20  | 1.75 | 6.62 | 6.80    |
|          |     |      |      |         |
|          |     |      |      |         |



DIMENSIONS [mm]



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

To order pump or parts or for pricing please go to the following links :

[Shurflo Pumps Home >>](#)

[Shurflo Pumps stock list >>](#)