

5050-1311-D011 OEM - 5050-1311-D012 Retail

SHURflo's New 5050 series pump design was created with a unique one-piece diaphragm, assuring long life and top performance in any system. The 5050 series pump is built for high flow demand and smooth flow. SHURflo's quality reputation has been built on the reliability and dependability of every pump we build. The 5050 series automatic demand pump is powerful, and can run dry without damage.

PUMP

Type: 4 Chamber Diaphragm pump
 Ports: ½"-14 NPSM-Male or ½" NPT-Female
 Liquid: 130 °F [54 °C] Max
 Dry-Prime: 8 feet [2.4M]*
 Inlet PSI: 30 PSI [2.1 Bar] Max
 Run Dry: Yes

* Internal testing with water in ½" tubing at 12VDC

ELECTRICAL

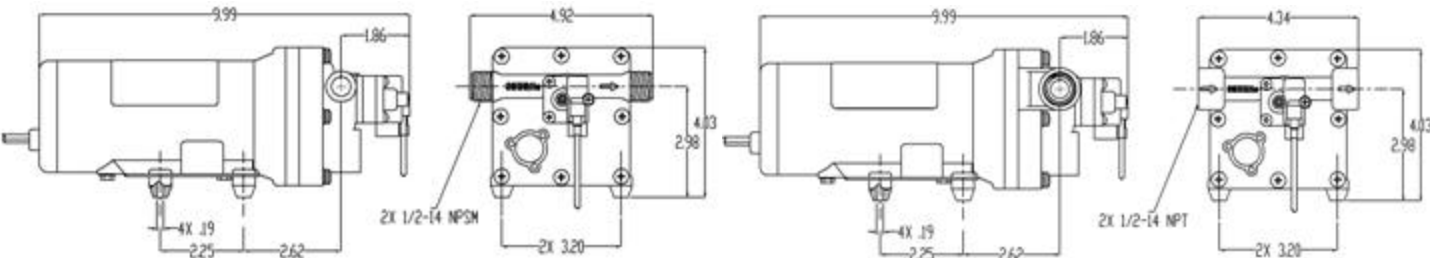
Motor: 12VDC Permanent Magnet, Intermittent Duty
 Protection: Thermal Overload, Automatic Restart
 Leads: 14 AWG, 12" [30 cm] Red +, 12" [30 cm] Black -
 Fuse: 25 Amp Recommended
 Control: Shut-Off 60PSI [4.1Bar] Restart 45PSI [3.1Bar]

MATERIALS

Housing: Polypropylene
 Valves: Viton®, EPDM, BUNA
 Diaphragm: Santoprene, Geolast
 Hardware: Stainless and Zinc Plated Steel

Typical Flow at 12 VDC

| PRESSURE | | FLOW | | CURRENT |
|----------|-----|------|------|---------|
| BAR | PSI | GPM | LPM | AMPS |
| 0.0 | 0 | 5.3 | 20 | 6.5 |
| 0.7 | 10 | 4.7 | 17.7 | 9.0 |
| 1.4 | 20 | 4.3 | 16.2 | 11.8 |
| 2.1 | 30 | 4.1 | 15.5 | 12.4 |
| 2.8 | 40 | 3.8 | 14.3 | 14.0 |
| 3.4 | 50 | 3.6 | 13.6 | 15.4 |
| 4.1 | 60 | 3.4 | 12.8 | 17.0 |



Pump with Male Ports

Pump with Female Ports

SHURflo reserves the right to update specifications, prices or make substitutions without notice.

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5050 SERIES PUMP



Power Play

Introducing SHURflo's latest pump creation, the 5050 Series 5.3 GPM, 60 PSI pump for smooth, high-powered flow. Check out the available features:

- 5.3 GPM, 60 PSI, 17 Amps [12 VDC High-Flow Model]
- Smooth, High-Powered Flow
- ½" NPT-Female and ½" NPSM-Male Ports
- Eco-Friendly Design for Reduction of Hazardous Waste [RoHS]
- By-Pass Models for Smooth Low-Cycling Flow
- Automatic Thermal Overload Protection
- Runs Dry Without Damage
- Built-In Check Valve
- Self-Priming
- Automatic Demand
- RFI-Suppressed Motor Technology Models [CE]

