

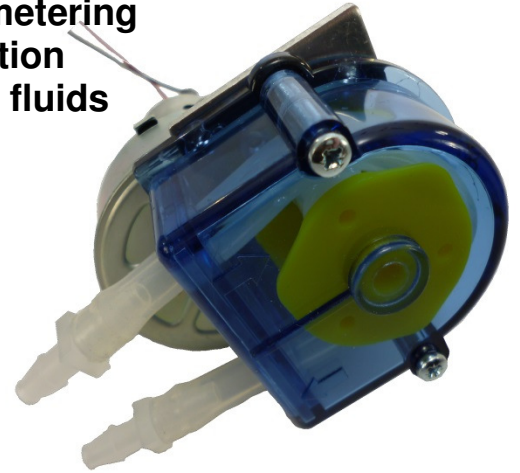
data sheet

model PM216.24

PERImax pump series™

Features

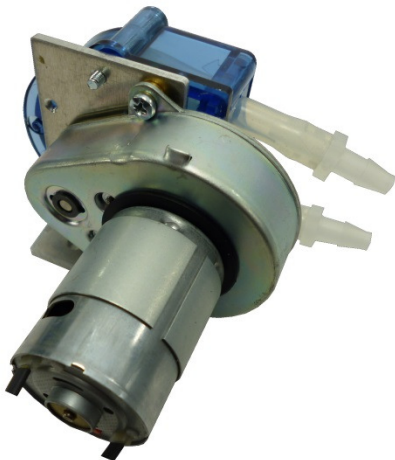
- Low cost solution for light duty dispensing and metering
- 4 tubing materials in stock to match your application
- Compatible with many chemicals and aggressive fluids
- Can pump slurries with high particulate content
- Pump head is factory sealed/welded
- Self-priming, made in the USA
- Variable speed using PWM
- Excellent dry running characteristics
- Fluid only contacts the inside of the tubing
- Many options and variations



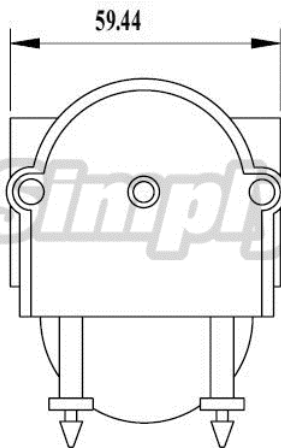
Specifications

- 24 VDC - 0.50 amps - 12 watt
- Maximum flow rate and psi: 40 ml/min and 25 psi
- Maximum suction lift: 20 feet
- Dimensions: 2.400 x 2.900 x 3.500 inches, Weight 8.0 ounces
- Use with 0.062 inch ID tubing

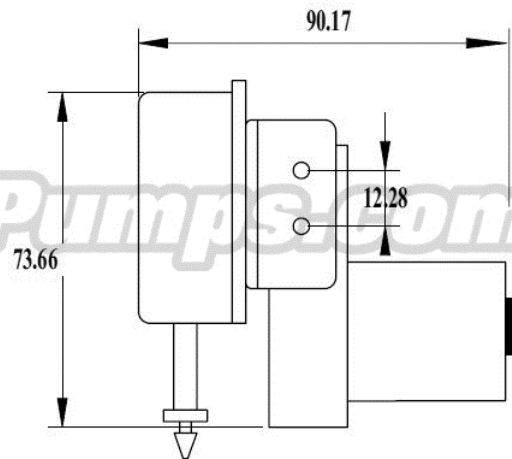
The tubing type, fluid viscosity, and back pressure will determine actual flow rate, psi and current consumption. Not suitable for hot fluids or for high or continuous duty cycles.



FRONT



SIDE



All Dimensions are in mm



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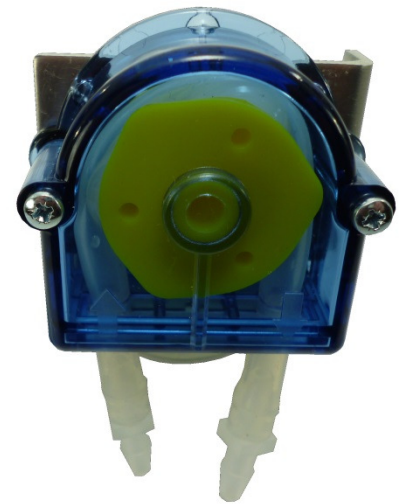
model PM216.24



| Stock Tubing Materials | Simply Pumps Suffix | Durometer Rating | Temperature Range °F | | Coupler Material |
|-------------------------------------|---------------------|------------------|----------------------|------|------------------|
| | | | Low | High | |
| Norprene® Food Grade | F | 61 | -75 | 275 | Polypropylene |
| Norprene® Industrial | N | 61 | -75 | 275 | Polypropylene |
| Norprene® Chemical | C | 61 | -75 | 165 | PVDF (Kynar) |
| Prothane II™ Polyester Polyurethane | P | 70 | -35 | 175 | PVDF (Kynar) |
| Tygon® Fuel and Lubricant | T | 57 | 0 | 165 | Polypropylene |
| Tygoprene® | G | 60 | -87 | 250 | Polypropylene |
| Tygon® Extra Long Life | E | 56 | -51 | 165 | Polypropylene |
| Versilic® Silicone | S | 50 | -75 | 350 | Polypropylene |
| Viton® | V | 60 | -25 | 400 | PVDF (Kynar) |

Replacement Pump Head Part Numbers

| Stock Tubing Materials | 200 | 203 | 216 |
|---|-----------------------|------------------|--------------------|
| Norprene® Food Grade | PMPH200F | PMPH203F | PMPH216F |
| Norprene® Industrial | PMPH200N | PMPH203N | PMPH216N |
| Norprene® Chemical | NA | PMPH203C | NA |
| Tygon® Fuel and Lubricant | NA | PMPH203T | NA |
| Tygoprene® | PMPH200G | PMPH203G | NA |
| Tygon® Extra Long Life | PMPH200E | PMPH203E | NA |
| Versilic® Silicone | PMPH200S | PMPH203S | PMPH216S |
| Viton® | PMPH200V | PMPH203V | PMPH216V |
| <i>Sealed replacement 200 series pump heads with tubing installed</i> | 3/16 x 5/16 | 1/8 x 1/4 | 1/16 x 3/16 |
| | Tubing ID x OD | | |



Related Products

- PMHD216 HD version of the PM216 - Heavy Duty gear box and bracket
- PMB216 Brushless motor version of the PM216
- PMST216 Stepper motor version of the PM216
- PA12.3A Regulated Power Adapter USA 12 Volt 3 Amp
- VFC3 Variable Flow Controller PWM 3 Amp with On Off Switch
- VFC5 Variable Flow Controller PWM 5 Amp
- VFC5D Variable Flow Controller PWM 5 Amp PLC Mode and Adapter

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