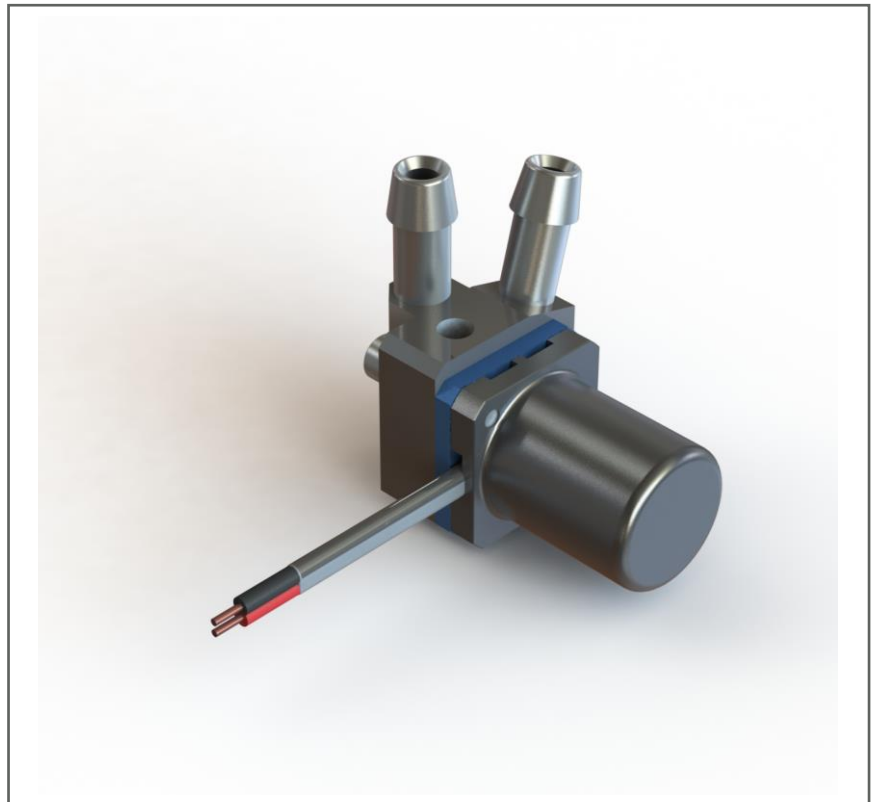


Features

- Brushed DC drive motor
- CNC aluminium alloy construction
- Quiet pulseless smooth flow
- Small size only 29 x 27 x 16mm
- Weight: 12g
- Freeflow upto 450ml/min
- Useable with solar power, PSU or batteries
- Wide range of chemical resistance

RS PRO Water Pump

RS Stock No.: 480-122



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

The M200 series range of pumps are constructed from precision CNC machined aluminium alloy with stainless steel tubing connectors. The M200 range is fitted with Viton seals as standard. The pump uses efficient hose barb connectors designed for 3.2mm flexible tubing. A 220mm electrical fly-lead is fitted for DC connection.

The M200 is suitable for applications such as: Medical devices, Fuel cells, Battery and Solar Powered Systems, Cooling Systems, Low Pressure Fuel Pump, Lubrication.

General Specifications

Type	Centrifugal Pump
Maximum Flow Rate	350-450ml (1.5-3v)
Input Connection	5.5mm Hose Barb
Input Connection Size	3.2mm I.D flexible tubing
Output Connection Size	3.2mm I.D flexible tubing
Maximum Pressure	210mbar (GAUGE)
Maximum System Pressure	2Bar
Materials	Anodised 6000 series aluminium, 316 Stainless steel, Viton, Polyacetal, Materials typical to a 3 pole DC motor.
Coupling Type	Direct drive
Maximum Fluid Temperature	60°C
Head Type	Single
Noise Level	45 dB @3v (measured from 1m distance)
Auto On/Off Switch	No
Built-in Water Filter	No

Electrical Specifications

Connection	Stripped wires, DC
Supply Voltage	1.5-3v
Input Power	1.3W @ 3v

Mechanical Specifications

Dimensions	16 x 27 x 29 mm
Weight	12g

Approvals

Compliance/Certifications	ISO 9001 Quality Control Standard
Declarations	TCS Declaration of Conformity - RoHS Directive 2011/65/EU, SVCH, CMRT, 3TG and REACH compliant.

Protection Category

Safety Category Level	S1
IP Rating	IP 45

Similar Products

Stock No.	Brand	Maximum Flow Rate	Input Connection	Input Power
702-6876	RS PRO	1000ml/min	DC	1.5-6.7W
914-6956	RS PRO	450ml	DC	0.3-1.3W

TEST CONDUCTED ON 10:1 WATER:GLYCOL MIX AT 1.5V-3V RESPECTIVELY.

