chanhvinh.com

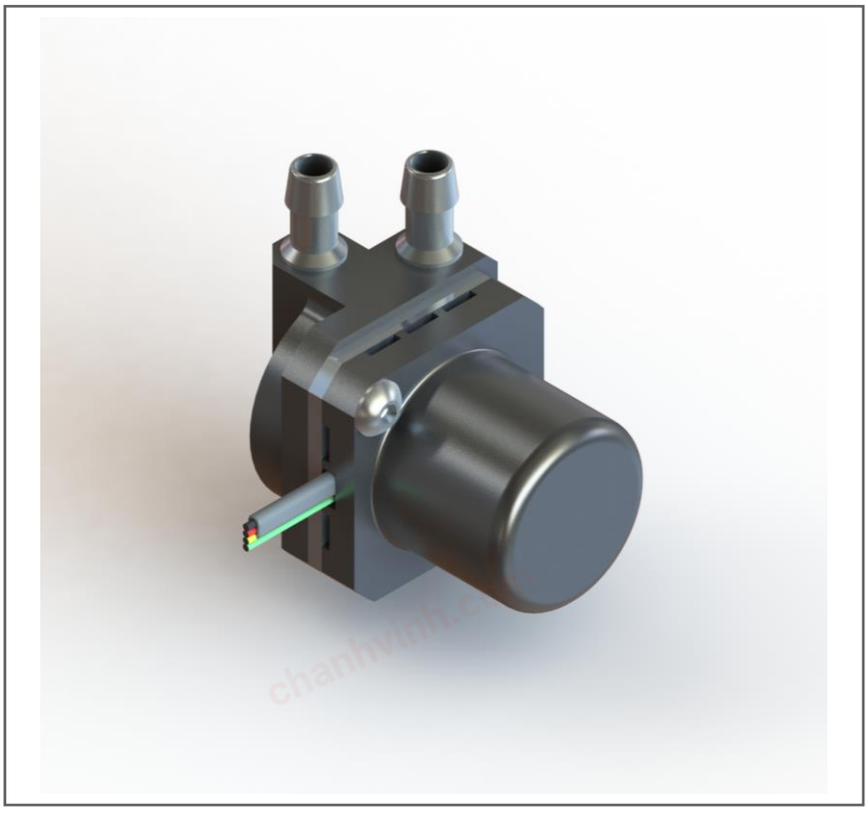
# Water Pump

## Features

- Brushless drive motor + integral controller
- CNC aluminium alloy construction
- Quiet pulseless smooth flow
- Small size only 39 x 36 x 25mm
- Weight: 31g
- Freeflow upto 1000ml/min
- Useable with solar power, PSU or batteries
- Wide range of chemical resistance

## RS PRO Water Pump

RS Stock No.: 702-6876



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.

# Water Pump

## Product Description

*The M400 series range of pumps are driven by a brushless drive motor with built in electronic controller. Constructed from precision CNC machined aluminium alloy with stainless steel tubing connectors and fitted with Viton seals. The pump uses efficient barbed hose connectors designed for 6.0mm (S variants) or 3.2mm (K variants) semi-flexible tubing. A 220mm electrical fly-lead is fitted as standard. A feedback wire is included, which can be used optionally, to measure pump speed/output.*

*The M400 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 | 500-1000ml (6-12v) |
| Input Connection | 5.5mm Hose Barb |
| Input Connection Size | 3.2mm I.D semi-flexible tubing |
| Output Connection Size | 3.2mm I.D semi-flexible tubing |
| Maximum Pressure | 340mbar (gauge) |
| Maximum System Pressure | 2Bar |
| Materials | Anodised 6000 series aluminium, 316 Stainless steel, FKM, Polyacetal, Materials typical to a brushless motor. |
| Coupling Type | Direct drive |
| Maximum Fluid Temperature | 60°C |
| Head Type | Single |
| Noise Level | 40dB @ 12v (measured from 1m distance) |
| Auto On/Off Switch | No |
| Built-in Water Filter | No |

## Electrical Specifications

| | |
|---|---|
| Connection | Stripped wires, DC |
| Supply Voltage | 6-12v |
| Input Power | 1.5/6.7W @ 6/12V |

## Mechanical Specifications

| | |
|---|---|
| Dimensions | 25 x 36 x 39 mm |
| Weight | 31g |

# Water Pump

## Approvals

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

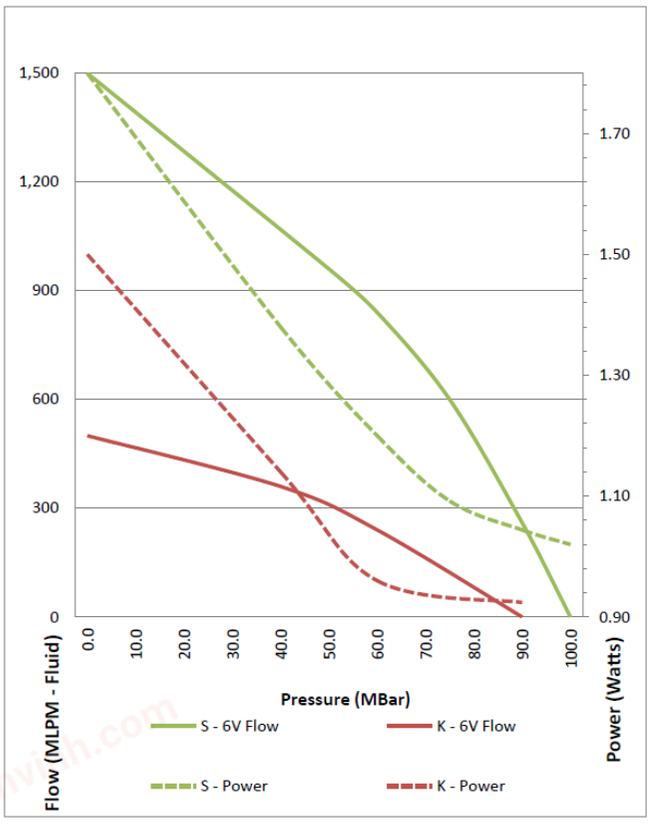
## Protection Category

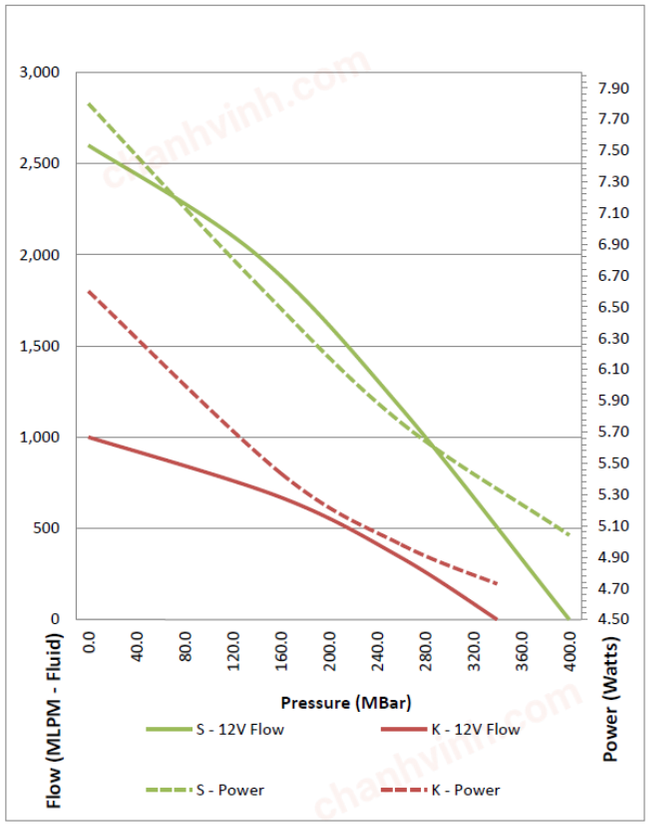
| | |
|---|---|
| Safety Category Level | S1 |
| IP Rating | IP 44 |

## Similar Products

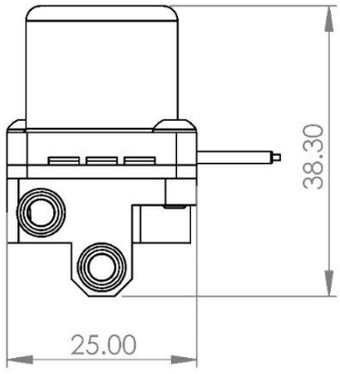
| Stock No. | Brand | Maximum Flow Rate | Input Connection | Input Power |
|---|---|---|---|---|
| 702-6872 | RS PRO | 2600ml/min | DC | 1.8-8W |
| 702-6882 | RS PRO | 2600ml/min | DC | 1.8-8W |
| 702-6891 | RS PRO | 1000ml/min | DC | 1.5-6.7W |

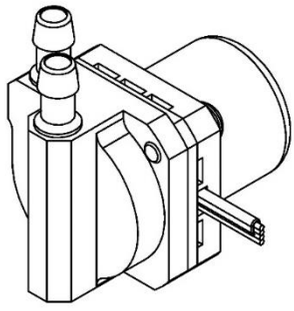
TEST CONDUCTED ON 10:1 WATER:GLYCOL MIX AT 6V-12V RESPECTIVELY.

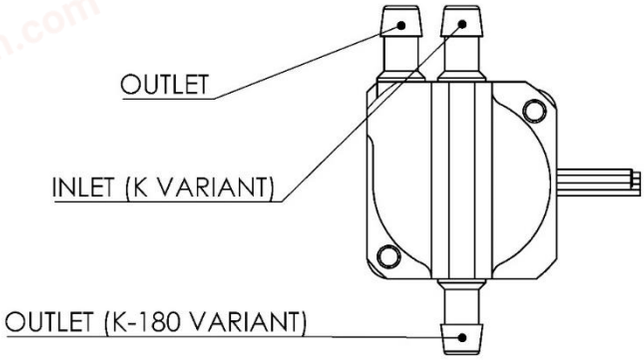


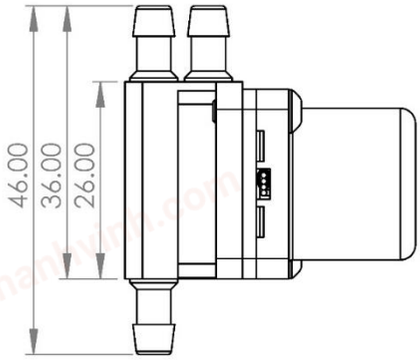



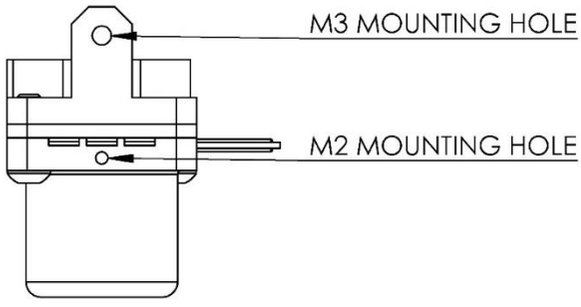
# Water Pump


38.30
25.00




OUTLET
INLET (K VARIANT)
OUTLET (K-180 VARIANT)


46.00
36.00
26.00


M3 MOUNTING HOLE
M2 MOUNTING HOLE