

7 Series - Micro Diaphragm Water Pump

Model: JSG07W

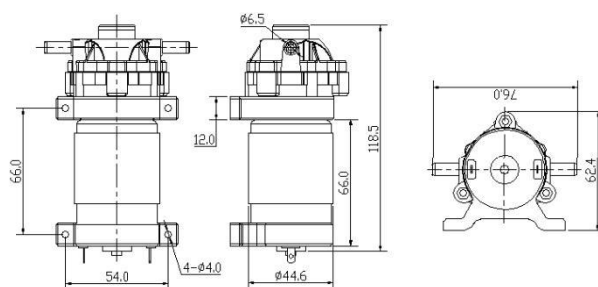
Hydraulic Performance	
Maximum Water Flow	1 L/min
Maximum Pressure	10 bar (145 psi, 1 MPa)
Working Pressure	5 bar (72 psi, 0.5 MPa)
Working Flow	≥0.5 L/min
Electrical Data	
Motor Type	Brushed DC Motor
Rated Voltage	24 V DC
No-Load Current	≤0.5 A
Noise at 30 cm	55 dB
Working Mode	Continuous or Intermittent
Service Life	≥1,000 hours
Other Data	
Inlet / Outlet Diameter	Ø6.5 mm / Ø4.0 mm
Dimensions	118.5 × 76.0 × 62.4 mm
Weight	490 g
Pump Head / Body Material	POM
Diaphragm and Valve Material	EPDM
Ambient Temperature	5-40°C
Liquid Temperature	3-50°C



Features

- Compact, oil-free, self-priming diaphragm water pump
- High-pressure output for clean-water systems
- Brushed DC motor with a service life of at least 1,000 hours

Dimensional Outline Drawing (Unit: mm)



Usage and Attention

1. Install the pump horizontally or with the pump head facing downward to reduce the risk of liquid entering the motor if leakage occurs.
2. Install the pump downstream of a pre-filter to prevent sand, gravel, and other particles from entering the pump chamber.
3. The pump is safety-tested before shipment. Do not disassemble it without authorization.
4. Do not use the pump with grease, unverified chemical liquids, or in corrosive gas environments.