

Surface solar pump for PV modules

Features

- » Built-in pressure switch automatically starts and stops pump instantaneously when discharge valve opens and closes.
- » Compact design and plug-in / thread port fittings make installation easy.
- » Can run dry without damage and handle liquids up to 60° C
- » No metal contact with liquid being pumped.
- » Ball bearing drive throughout pump and motor assures longer pump life.
- » Excellent self-priming capability. Pump may be located above the liquid level.
- » Powerful, permanent magnet motor with low current draw and long life brushes.



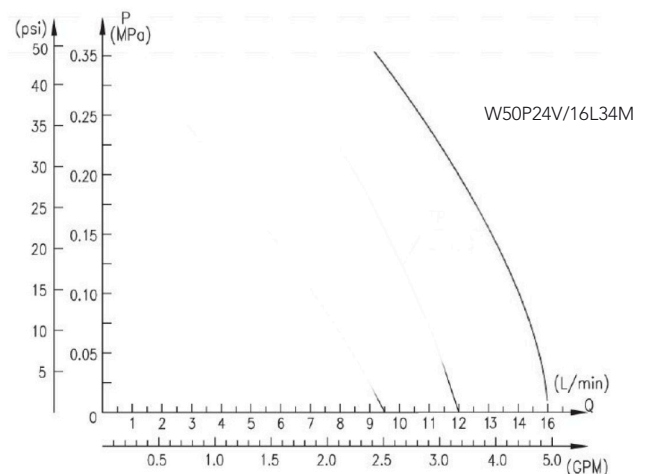
Electric and mechanical values		
Model	W50P12V/16L34M	W50P24V/16L34M
Voltage	12VDC	24VDC
Max. current	12A	6A
Max. flow	4.2 G/m (16 L/m)	4.2G/m (16L/m)
Speed	1800 r/min	1800 r/min
Max. pressure	50 psi (0.35 MPa)	50 psi (0.35 MPa)
Suction	5m	5m
Power	65W	65W

Typical Applications

- » Water purification, filter machine, spray equipment and fluid filling, measurement in chemical industry.
- » Kitchen, toilet rinse in vehicles, ships and boats.
- » Liquid filling and transfer in food, beverage processing.
- » Solar industry.
- » Cleaning equipments, road construction equipments, purification and cooling system.
- » Other fluid transfer and spray situation.

Specifications

- » Motor Type: permanent magnet motor.
- » Type: 3 Chamber Diaphragms.
- » Duty Cycle: Intermittent.
- » Max Flow Rate: 16 L / min nominal @ open flow.
- » Operating Pressure: 1 Mpa (150 psi) maximum.
- » Port Type: 14 mm hose barb, G3/8 thread.
- » Liquid temperature: 60 °C Max.
- » Self-priming: 5 meter vertically.
- » Motor Voltage: 12 V DC, 24VDC.
- » Run Dry: Yes.



Materials

- » Housing: Nylon.
- » Valves: EPDM.
- » Diaphragm: EPDM.
- » Fasteners: Stainless Steel.

