US | Solar Pumps®
HOME FOR ALL YOUR MICRO-DC PUMP NEEDS!

B03

Food Grade DC Pump

CE | RoHS | REACH | FDA | NSF



Selectable Pump TD



Selectable Bracket-X2

Selectable Bracket-X3



Typical Applications

- Coffee maker
- Water purifier, hot water dispenser
- Vending machine, beverage dispenser
- Instant boiling, chilled drinking water system
- Water cooling circulaton
- Car wiper

Features

- FDA, NSF, WRAS certified
- High temperature resistance, no stuck
- 35dB(A), super quiet

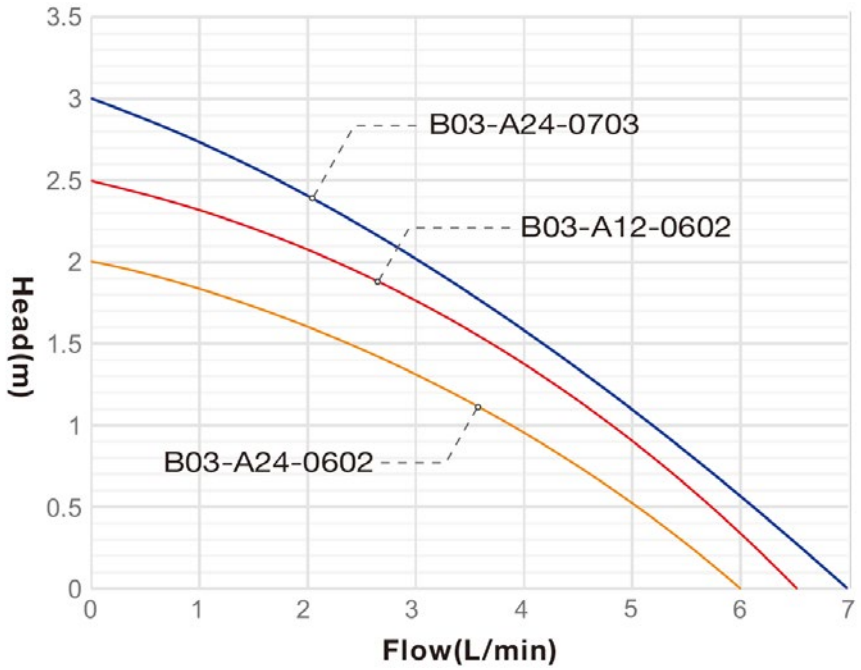
Specifications

Model	Product Code	Rated Voltage (VDC)	Max Water Flow (L/min)	Max Water Head (M)	Rated Current (A)	At Max Efficiency Point	
						Rated Spec. (L/min@M)	Rated Power (W)
TL-B03	TL-B03-A12-0602	12	6.5	2.5	0.43	3.73 @ 1.59	4.4
	TL-B03-A24-0602	24	6	2	0,20	3.5 @ 1.24	3.6
	TL-B03-A24-0703	24	7	3	0.35	3.78 @ 1.97	5.8
Customization: 1. /PWM or /5V speed control 2. /FG (RPM) signal wire							
Note: High Temp. Brushless DC Pump TL-B02							

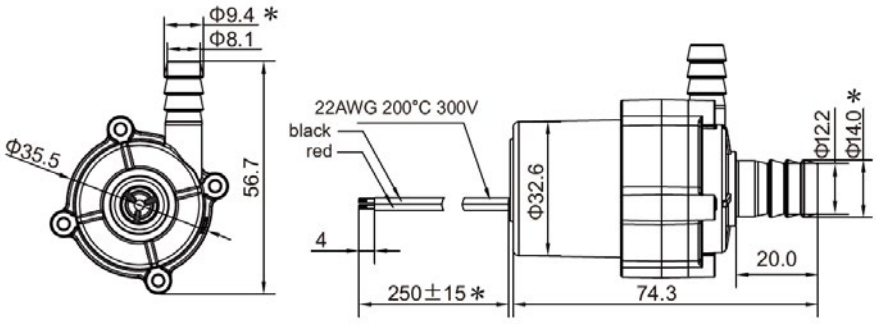
- The data in the table is the measured performance when pure water is delivered at normal temperature.
- The maximum flow rate is the flow rate when water head is 0 meter, and the highest lift when water flow is 0 L/min.
- Noise ≤ 35 dB(A)
- Working mode: Continuous
- IP level: IP68
- Coil Insulation class: Class F
- Ambient temperature: -40°C ~40°C
- Liquid temperature: -40°C ~100°C (Submersible version≤50°C)
- Do not run pumps dry.
- Pumps must be in a continuous flooded suction environment.

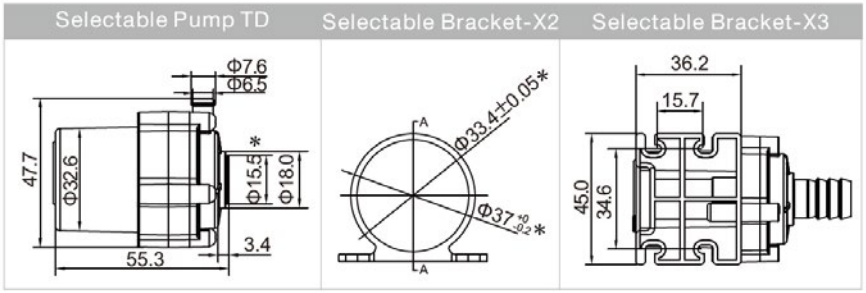
B03 Solar Pump

Curve



Dimension (mm)





Note: Pump TD / Bracket-X3 lead wire pls refer to A type pump