

BD - 05T Series - Micro Diaphragm Liquid Pump

Model:BD-05T60WB

Performance Data	
Model	BD-05T60WB
Voltage Range	12/24V
Maximum Flow	280mL/min(Liquid flow, electronic flow meter)
Maximum suction lift	4mWg
Maximum lift	60mWg(intermittent work)
Test medium	Water
Motor Data	
Motor type	Brushless Motor
Max power	4W
Waterproof lever	IP40
Physical Properties	
Storage temperature	-40℃~60℃
Operating environment	-20℃~45℃
Material	
Head of pump	PPS
Diaphragm	EPDM /PTFE(customized)
Valve	EPDM/FKM (highly fluorinated; customized)
Pump body	High strength PA66
Dimension	62x32x44.6mm
Weight	134g



Features

Smooth water flow, high pressure resistance, low pulsation, long life.

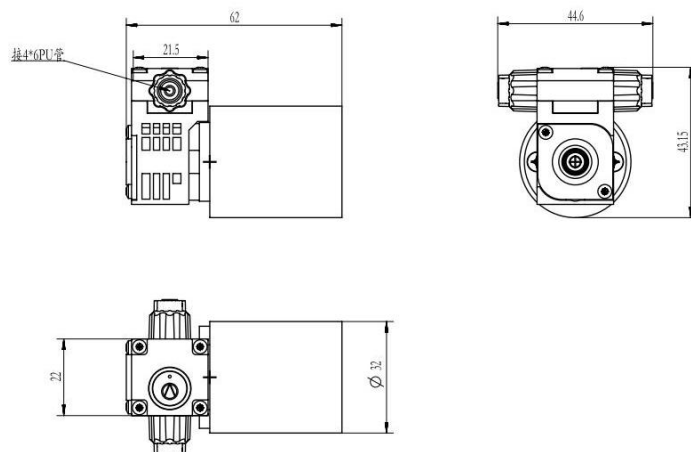
Principle

Miniature diaphragm liquid pump, life expectancy around 8000 hours.

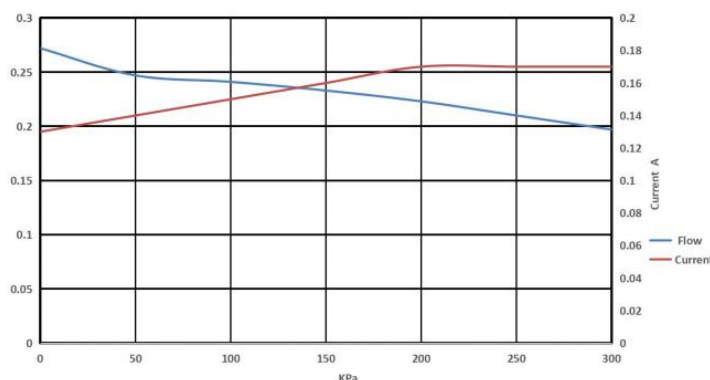
Chemical resistance.

Customized PTFE, FKM (high fluorine) and other material combinations are available for various corrosive liquids.

Drawing(mm)



Curve



Wiring instructions:

Red wire - Power positive

Black wire - power negative

Blue wire-PWM speed regulation (connect positive pole full speed)
15KHz~25KHz, amplitude 5V (duty cycle range 0-100%)

Voltage regulation: 0-5V

Yellow Wire-FG, 1Pulse/Cycle