



GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS3501

>> Product Outward



>> Specifications

Pump Type	Centrifugal Pump / DC brushless motor (20000 hours)
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required)
Remark	Can't dry-running, not self-priming

>> Product Futures

Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

High Stability

The static sealing design prevents leaks by isolating the liquid from the motor, while epoxy encapsulation ensures 100% waterproof capability. Also features overload protection for safe operation.

Low Noise

With low rotor imbalance, these pumps operate quietly 5-10 dB(A) lower than comparable brushed DC pumps, while eliminating commutation vibrations for smoother operation.

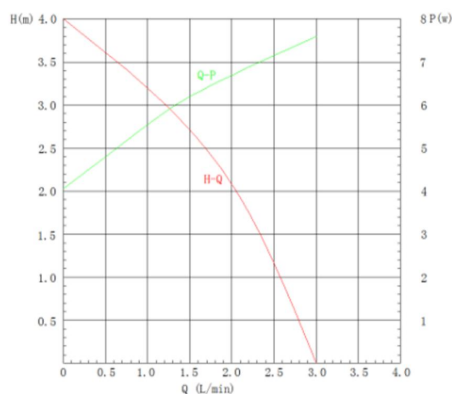
Wide Application

Micro brushless centrifugal water pumps are suitable for various occasions, including aquariums, medical equipment, humidifiers, etc., to meet the liquid transfer needs of different fields.

>> Technical Parameters

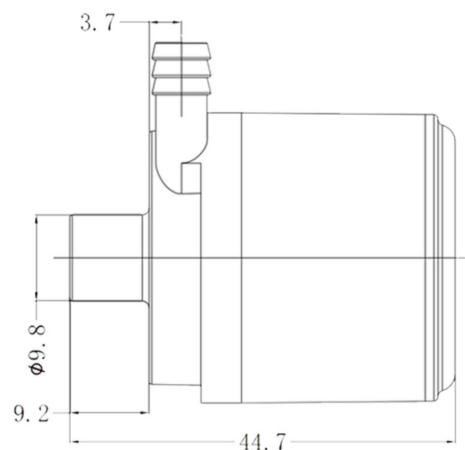
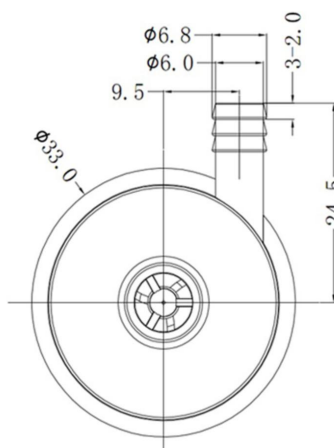
Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS3501-A	6V	0.50A	2LPM	2.5M	3W	5-24V DC	1.5-3LPM	750℃
DTS3501-B	12V	0.60A	3LPM	3.5M	6.6W			
DTS3501-C	18V	0.26A	3LPM	3.5M	6.6W			
DTS3501-D	24V	0.20A	3LPM	4M	7.68W			

>> Flow-lift Curve



24V

>> Dimensions





GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS3501F (Food-Grade)

>> Product Outward



>> Specifications

Pump Type	Centrifugal Pump / DC brushless motor (20000 hours)
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required)
Remark	Can't dry-running, not self-priming

>> Product Futures

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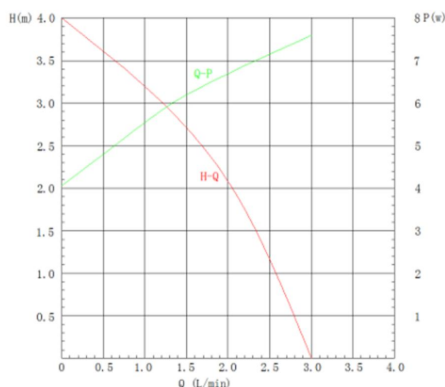
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>> Technical Parameters

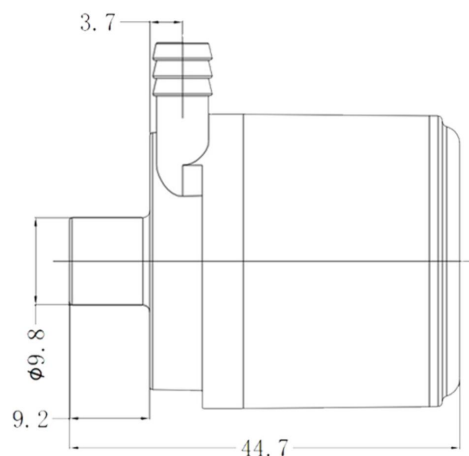
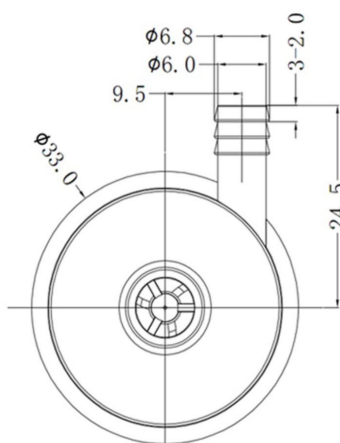
Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS3501F -A	6V	0.50A	2LPM	2.5M	3W	5-24V DC	1.5-3LPM	100℃
DTS3501F -B	12V	0.60A	3LPM	3.5M	6.6W			
DTS3501F -C	18V	0.26A	3LPM	3.5M	6.6W			
DTS3501F -D	24V	0.20A	3LPM	4M	7.68W			

>> Flow-lift Curve



24V

>> Dimensions





GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS3503

>> Product Outward



>> Specifications

Pump Type	Centrifugal Pump / DC brushless motor (20000 hours)
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required)
Remark	Can't dry-running, not self-priming

>> Product Futures

Efficient Design

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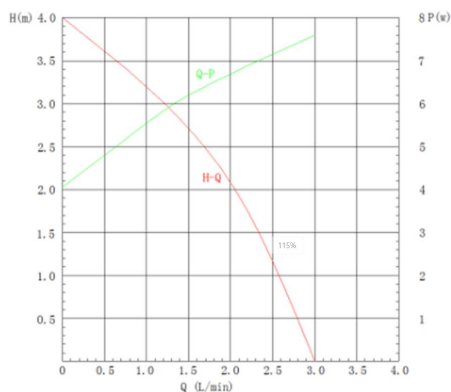
Wide Application

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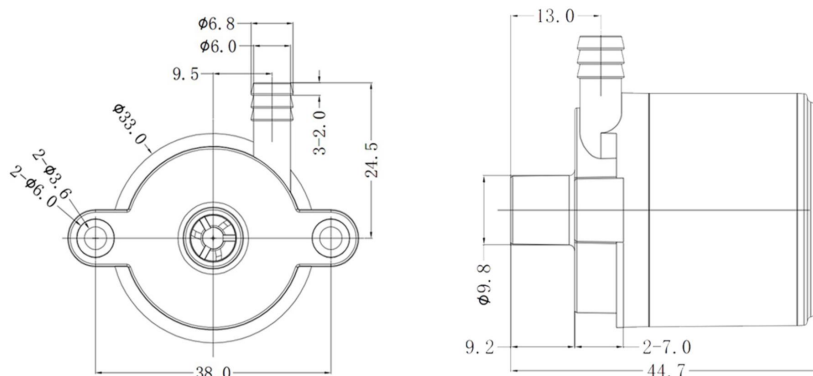
>> Technical Parameters

Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS3503-A	6V	0.50A	2LPM	2.5M	3W	5-24V DC	1.5-3LPM	75℃
DTS3503-B	12V	0.60A	2.7LPM	3.5M	6.6W			
DTS3503-C	18V	0.26A	2.7LPM	3.5M	6.6W			
DTS3503-D	24V	0.20A	3LPM	4M	7.68W			

>> Flow-lift Curve



>> Dimensions





GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS3503H

>> Product Outward



>> Specifications

Pump Type	Centrifugal Pump / DC brushless motor (20000 hours)
Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
IP Level	Epoxy potting, IP68 waterproof rating
Power Supply	Suitable for solar panel, batteries,adapter or other power module.
Medium	Water, coffee and other non-viscous liquid
Protection	Rotor lock protection/Reversepolarity protection (Can be customized as required)
Remark	Can't dry-running, not self-priming

>> Product Futures

Efficient Design

Micro brushless centrifugal pumps have a simple, lightweight structure that operates with high efficiency, providing continuous and stable flow and head for large volumes of low-viscosity liquids.

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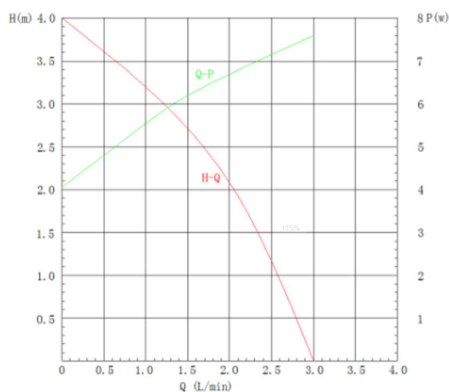
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>> Technical Parameters

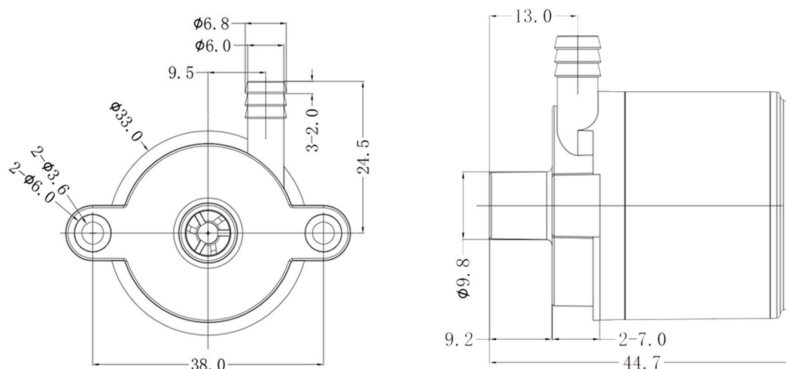
Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS3503H -A	6V	0.50A	2LPM	2.5M	3W	5-24V DC	1.5-3LPM	100℃
DTS3503H -B	12V	0.60A	3LPM	3.5M	6.6W			
DTS3503H -C	18V	0.26A	3LPM	3.5M	6.6W			
DTS3503H -D	24V	0.20A	3LPM	4M	7.68W			

>> Flow-lift Curve



24V

>> Dimensions





GP DC Miniature Centrifugal Water Pump

Quality OEM Electric Centrifugal Water Pump DTS3505F (Food-Grade)

>> Product Outward



>> Specifications

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Speed Control	Voltage and PWM adjustable optional
Signal Feedback	Motor speed and RD status
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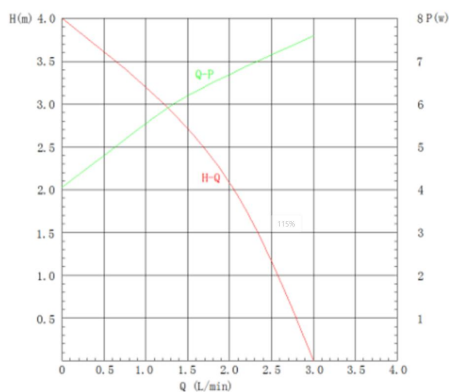
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>> Technical Parameters

Model	Voltage	Amps	Max Flow Rate	Max Lift Head	Power	Work Voltage	Flow Range	Max Temperature
DTS3505F -A	6V	0.50A	2LPM	2.5M	3W	5-24V DC	1.5-3LPM	100℃
DTS3505F -B	12V	0.60A	3LPM	3.5M	6.6W			
DTS3505F -C	18V	0.26A	3LPM	3.5M	7W			
DTS3505F -D	24V	0.20A	3LPM	4M	7.68W			

>> Flow-lift Curve



24V

>> Dimensions

