

Module-Center

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WATER Pump

[PUM-00057](#)



1. Overviews

Product specifications is about product 's technical parameters and the document to use products properly. For customers ,its roles are as following:

- (a) It is the base to research and design their products.
- (b) It is the base for technical certification of product quality.
- (c) It is the base for Customer to choose materials.

The purpose of this specification lies in that to make our customers know the product requirements in terms of technology, quality, packaging, factory inspection , etc.

2. Working theory introduction

Working principle: the rotary motion of the motor turn into the swing of connecting rod which makes the diaphragm up and down motion. In the process of the downward movement of the diaphragm, pump cavity will suck medium through the inlet valve;
Upward movement of the diaphragm, pump cavity press out media through the outlet valve. Mechanical transmission parts and pump cavity is isolated by diaphragm. Diaphragm pump does not need oil for auxiliary lubricating, in the process of transmission, extraction and compression of medium.

3.Information

Power Source Electric

Structure Diaphragm Pump

Model Number JT-180

Horsepower 2000

Cable Length 1.5m

Power 24v0.5a

Usage Water

Theory Electromagnetic Pump

Voltage 12v - 24v

Motor power 4.4W 6.8W

Range of lift 125CM 250CM

Flow rate 100L/H 350L/H

Motor DC Brushless Motor

Feature Long Life

Fuel electric power

Certification RoHS ,CE

Model	JT-180A-12	material quality	PA66+30% glass fibre
voltage rengo	DC12V/4.4W	lift	250CM
work noise	less than 35 DB(distance 20CM)	flow	350L/H
liquid	water,underground water,seawater	temperature	-20~90celsius degree
environment dampness	45%~90%	continuous working time	>20000H
motor	brushless motor	usage	submersible/ used on land

Model	JT-180 24	Material quality	PA66+30 Glass fibre
voltage rengo	DC24V/6.8W	lift	250CM
work noise	less than 35 DB(distance 20CM)	flow	350 L/H
liquid	water,underground water,seawater	temperature	-20~90celsius degree
environment dampness	45%~90%	continuous working time	>20000H
moter	brushless motor	usage	submersible/used on land

4. Plan view

