WHOLE HOUSE INTELLIGENT PERMANENT MAGNET CANNED BOOSTER PUMP



Safety voltage
DC24-40V

Max.head
35m

Max. suction
9m

Low noise
30dB

High rotation speed
12000r/min

Max.Flow
2.6m³ /h

70%
ENERGY SAVING
LOW NOISE CLEAN WATER

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+ APPLICATION

- Well water lifting and water tower water filling
- Living water supply and garden irrigation
- Pipeline pressure boosting and supporting equipment (solar energy water supply system, water heater, etc.)
- Transfer clean water or non-corrosive liquid without solid particles and fibers



+ WORKING CONDITION

- Liquid temperature: 0 - 100℃
- Ambient temperature: 4 -55℃
- Max. suction: +9m
- Insulation: ClassH
- Ingress protection: IP55
- Duty cycle: S1
- Input voltage: Single phase
  100-140V, 50/60Hz
  160-240V, 50/60Hz

+ PRODUCT FEATURE

1, Wide input voltage range
100-140V, 50/60Hz
160-240V, 50/60Hz

2, DC 24-40V output voltage
Human safe voltage, no risk of use

3, Adaptive function
Automatically identify the pipe pressure
Automatically regulate the starting pressure

4, Super long life span
S1 motor duty cycle, 30,000 hours of service life

5, Anti-freezing&pressure resistance
Small impeller, small pump body, higher hardness

6, Super quiet 20-30 dB
Adopt permanent magnet motor and water cooling structure, don't need cooling fan

7, Worth to invest and making brand
Four invention patents, exclusive technology

8, Energy saving 70%

9, Max. suction is 9m, wider application range

10, Zero rust water
The fluid passage components are made of food grade plastic

11, Dual control system (pressure + flow switch)
Support stepless pressure regulation for pump with 0-100m head

12, Multiple protection
Water shortage protection, frequent start&stop protection, overcurrent&undervoltage protection, etc.

13, Timing fucntion, supply water for water tower (Optional)

14, Plug and play

15, High pass rate of standard parts and high production efficiency
Customized mold for each part, no finishing, one corss screwdriver completes assembly and dissembly

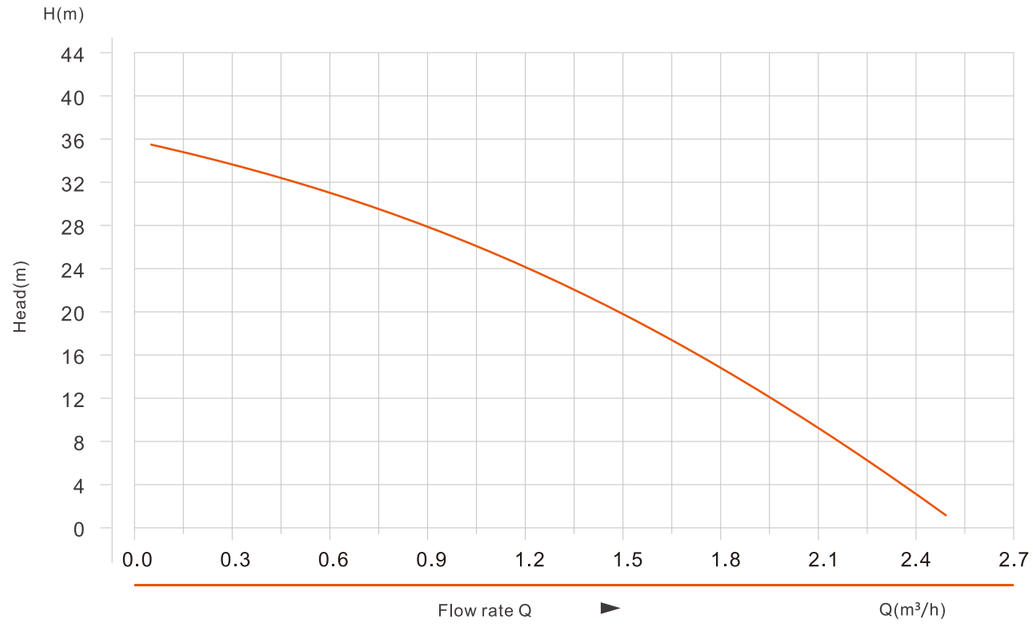
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PRODUCT STRUCTURE



Component	Material
Pump body	Engineering plastic
Base&upper cover	ABS plastic
Shield cover	PPS
Impeller	PPO
Permanent magnet	Ferrite
Motor shaft	99 Ceramics

+ PERFORMANCE CURVES



+ TECHNICAL PARAMETER (n=12000r/min)

Model	Voltage (V)	Power (W)	Power (HP)	Max.flow (m³/h)	Max.flow (L/min)	Max.head (m)	Max.suction (m)	Inlet&Outlet (inch)
TW35	DC-40	160	0.2	2.5	42	35	9	1"×1"

+ PACKAGING

Model	N.W. (kg 1pcs)	N.W. (kg 6pcs)	G.W. (kg 1pcs)	G.W. (kg 6pcs)	Meas. (mm/1pcs)	Meas. (mm/6pcs)
TW35	1.8	10.8	2.1	14.5	255*138*193	520*298*456