

TECHNICAL DATA SHEET

HEAT MASTER

Application

Heat Masterseries intelligent variable frequency circulating pumps (hereinafter referred to as electric pumps) comply with Q/SG 604 standards. The stator of the motor is completely shielded, and the rotating parts are immersed in clean water, which plays a role of cooling and lubrication during operation. The shield sleeve of the electric pump adopts a thin-walled structure, which completely shields and isolates the inner iron core of the motor from the water, cancels the traditional mechanical seal structure type, and solves the sealing water leakage problem of the conventional water pump. The rotating parts adopt ceramic bearings and ceramic shafts, which are wear-resistant and lubricated with clean water, which can cool the motor and reduce noise. Full lift work is not loaded. As long as it is used correctly, it is generally free from maintenance.

Main features

- Low noise and no leakage
- Brass pump body, corrosion resistance and durability
- Compact structure and easy installation
- Knob control, easy to operate
- Low power and energy consumption



Working condition

- Liquid temperature: 2°C~75°C
- Ambient temperature: -20~+40°C
- Max system pressure: 10bar
- Protection level: IPX4
- Rated voltage/frequency: 230V(-10%~+6%), 50/60Hz
- Domestic water (non-drinking water), the pH value of the medium is between 6.5 and 8.5,
- the volume content of solid particles is not more than 0.1% of unit volume, and the particle size is not more than 0.2mm

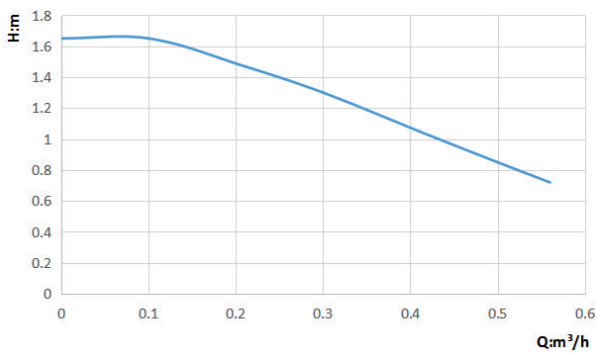
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Max. Flow Rate
0,5 m³/h

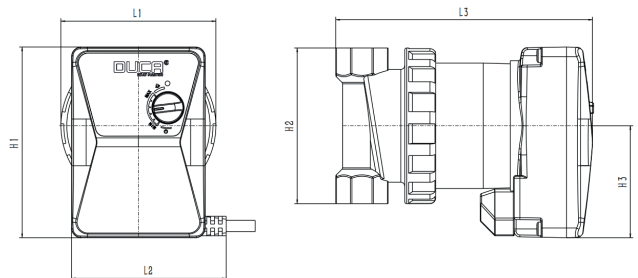
Max. Head
1,7m

Performance Curve



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Dimensions



H1 98 mm

H2 80 mm

H3 57,5 mm

L1 80 mm

L2 123 mm

L3 123 mm