CHANNEL IMPELLER PUMP

VDAS® H85G

Channel Impeller Pump for use with the multi-pump test set (H85V)

KEY FEATURES

- Rotodynamic pump
- One of a set of optional pumps for use with TecQuipment's H85V Multi-pump Test Set
- Mounted on a base plate that slots into the base unit
- Simple and safe to use, its foolproof fittings allow students to change and connect the pump quickly and easily without tools
- Corrosion-resistant materials for use with clean de-ionised water at safe temperatures

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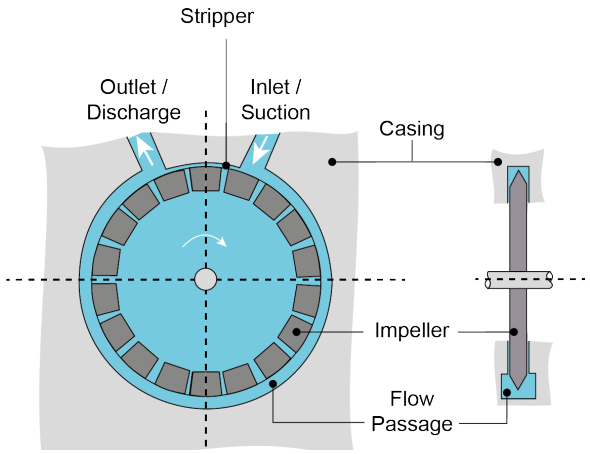
DESCRIPTION

The channel impeller has similarities with centrifugal pump but rather than having a volute, there is a channel in the housing for the water to flow around. The inlet is then offset from the centre. This type of pump handles particles in the fluid flow better than some other types and are thus often used for wastewater applications.



STANDARD FEATURES

- Five-year warranty
- Made in accordance with the latest European Union directives
- ISO9001 certified manufacturer

ESSENTIAL BASE UNIT

- Multi Pump Test Set (H85V)

THE BASE UNIT (H85V) SHOWN WITHOUT A PUMP FITTED

LEARNING OUTCOMES

- Understanding pump performance
- Creating characteristic curves from experimental data
- Investigating, analysing and comparing the characteristics of different pump types (if more than one pump is purchased)

DETAILED SPECIFICATIONS

TecQuipment is committed to a programme of continuous improvement; hence we reserve the right to alter the design and product specification without prior notice.

NETT DIMENSIONS:

340 mm (length), 340 mm (height), 300 mm (width)

1.2 kg (weight)

OPERATING CONDITIONS

OPERATING ENVIRONMENT:

Laboratory

STORAGE TEMPERATURE RANGE:

–25°C to +55°C (when packed for transport)

OPERATING TEMPERATURE RANGE:

+5°C to +40°C

OPERATING RELATIVE HUMIDITY RANGE:

80% at temperatures < 31°C decreasing linearly to 50% at 40°C

PUMP TECHNICAL DETAILS

CC / Rev: 1400

Nominal Maximum RPM: -

Rotation Direction: Clockwise

Nominal Maximum Pressure (bar): 1.2

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