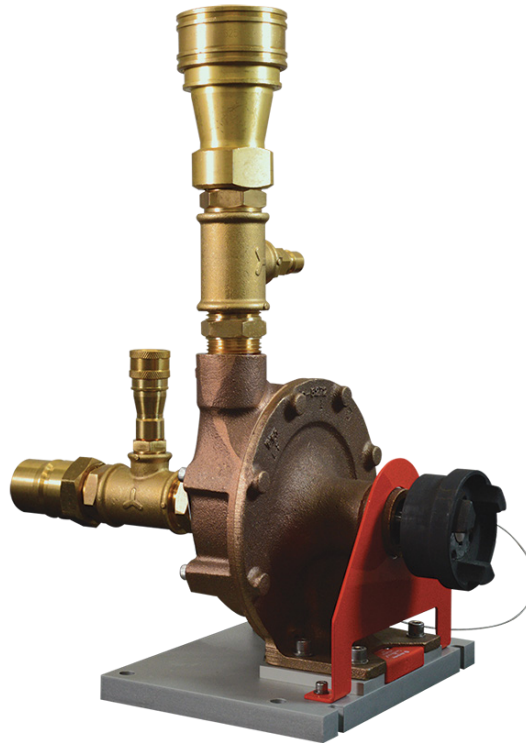


≡ CENTRIFUGAL PUMP

VDAS® H85C

Centrifugal 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

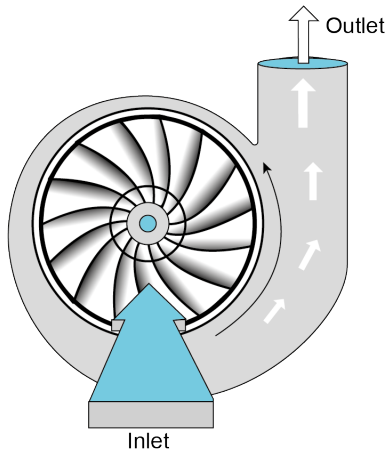
CENTRIFUGAL PUMP

VDAS® H85C

DESCRIPTION

Rotodynamic pumps are those in which the flow through the pump is induced by the centrifugal forces from an impeller or rotor.

The H85c is a type of rotodynamic pump in which the flow through the pump is induced by the centrifugal force imparted to the liquid by rotation of the impeller. The pump housing has an expanding volute that collects the discharged water from the impeller and guides it smoothly to the discharge port.



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:

360 mm (length), 400 mm (height), 200 mm (width)

2.1 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: -

Nominal Maximum RPM: 3600

Rotation Direction: Counter-Clockwise

Nominal Maximum Pressure (bar): 2.1