

Ulectriglide

SUBMERSIBLE MOTOR DRIVEN PUMP

PUMP OVERVIEW

The ClydeUnion Pumps range of Ulectriglide pumpsets are of single or multi-stage centrifugal pump design. Typical applications include raw water intake, borehole extraction, dewatering and mains boosting.

The pump set comprises a multi-stage mixed flow bowl type centrifugal pump for medium head applications or a radial flow ring section type pump construction for higher head duties. In both cases drive is by a water filled squirrel cage motor specifically designed for the individual duty.

TYPICAL APPLICATIONS

- Raw water intake
- Borehole extraction
- Dewatering
- Seawater lift + firewater for offshore platforms
- Cooling water supply
- Mains booster

TECHNICAL DATA

Capacity: up to 3,400 m³/hr / 15,000 USgpm

Delivery head: up to 200 m / 670 ft

Temperature: up to 40 °C / 105 °F

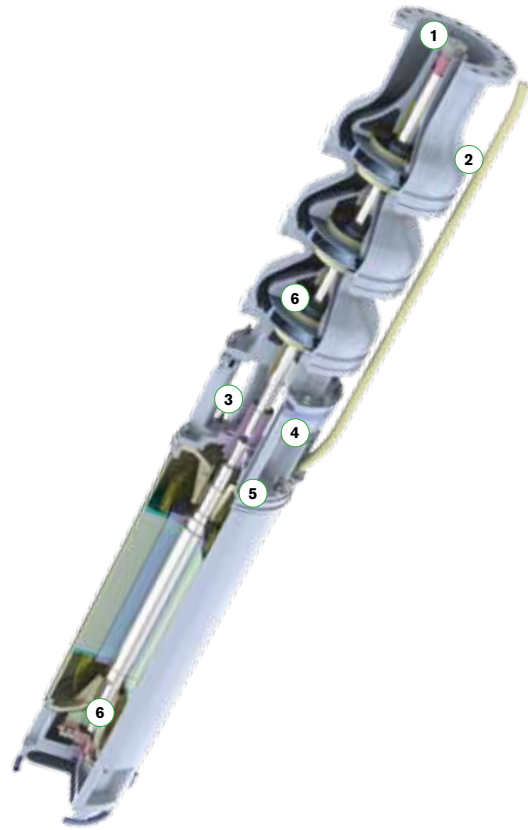
Speeds: up to 3,600 rpm

Flange drilling: ANSI or BS



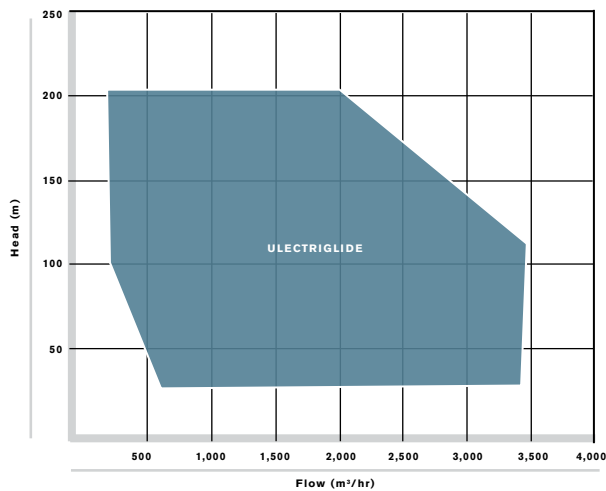
FEATURES + BENEFITS

- 1 **Comprehensive range coverage**
Allows pump selection at or close to optimum performance
- 2 **Pump bowls**
Incorporate diffuser guide passages to deliver the fluid smoothly from stage to stage
- 3 **Enhanced cooling system**
Achieves higher power ratings per frame size than comparable motors on the market
- 4 **Coupling**
Keyed sleeve type for reliable power transmissions. Mechanically connected to shaft ensuring max rigidity
- 5 **Motor seal**
The type dependant on application can range from lip seal and diaphragm on potable water or mechanical seal on contaminated or corrosive liquid handling
- 6 **Bearings (motor)**
Water lubricated carbon loaded PTFE thrust and journal bearings



RANGE COVERAGE CHARTS

50HZ RANGE CHART



These charts cover the standard pump range. Other engineering designs exist for extreme applications

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