



## L12W Series

*Rewindable water-filled submersible motors, suitable for use with 12" borehole pumps.*

*The choice of component materials and the sturdy construction ensure optimum operating performance, superior quality, reliability and easy installation.*

### SPECIFICATIONS

**Power supply:** three-phase  
50 and 60 Hz

**Power:** 185 kW to 300 kW, 380-415V,  
50Hz

Motors with double cable outlet for star-delta starting can be supplied on request

**Maximum overall diameter of pump (cable cover included):**  
276 mm

**Maximum immersion depth:**  
350 m

**Maximum water temperature:**  
+25°C.

**Insulation class:** Y

**Protection:** IP68

**Tolerances:** +/-10%

**Power cable:** ACS-approved

### MATERIALS

**Outer sleeve:** Stainless steel

**Upper support:** Cast-iron

**Thrust bearing:** graphite (Kingsbury type)

**Mechanical seal:** Aluminium oxide - Graphite

**Elastomers:** NBR

**Compensating diaphragm:** EPDM

**Cooling liquid:** Water + antifreeze

### APPLICATIONS

- Water supply
- Pressure boosting
- Irrigation
- Fire-fighting

Available on request:

- High temperature windings
- Temperature sensor PT 100
- Silicon carbide mechanical seal
- Inverter applications
- Horizontal installation



For a complete list of technical information, consult [www.lowara.com](http://www.lowara.com)

*Engineered for life*

