Equipment and solutions

# Franklin Electric 6", 8" and 10" Rewindable Motor

**Product technical datasheet**

Rewindable motors in 6", 8" and 10" sizes, with power ratings up to 185kW.

FT-P037 · Rev. 1




Franklin Electric 6", 8" and 10" rewindable submersible motors are designed for maximum reliability in demanding conditions. With rewindable stators and long-life mechanical seals, they are suitable for large-scale water extraction and industrial applications.

## Applications

- High demand water supply
- Large diameter boreholes
- Large-scale agricultural irrigation
- Mining and dewatering
- Industrial water supply

## Operating conditions

- Confirm the installation conditions, power supply and duty point before commissioning.

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|---|---|
| **Engineering note** | Confirm the installation conditions, power supply and duty point before commissioning. |
| **Complementary equipment** | Contact JOVAL for compatible accessories and equipment. |
| **Resources and support** | Pump selection guide · JOVAL technical support |
| **Contact** | +351 253 490 740 · joval@joval.pt |

# Technical specifications

Mounting
6" NEMA / 8" NEMA / 10" NEMA

Protection
IP 68

Starts/Hour
Max 20 (up to 22kW) • 15 (up to 75kW) • 10 (up to 185kW)

Installation
Vertical / Horizontal

Standard Voltage
380-415V/50Hz

Voltage Tolerance
+6% / -10% UN

Motor Protection
DIN 60947-4-1

Insulation
Class Y (PE2/PA)

Ambient Temp.
30°C

Cooling Flow
min. 0.3 m/s (up to 81kW) • 0.5 m/s (larger)

Stator
Rewindable stator design with PE2/PA insulated copper wire

Material
Outer casing, shaft and bolts in Stainless steel AISI 304

Efficiency
Efficient design: Low operation cost

Sand Fighter®
High durability SiC/SiC mechanical seal

Bearings
Water lubricated radial and axial bearings

Diaphragm
Large volume pressure compensation diaphragm

Filling
Water and glycerine fill (non-toxic)

100% Tested
100% Tested Quality

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