



Franklin Electric

100mm, 150mm, 200mm
encapsulated
submersible motors



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Franklin Electric 100mm, 150mm and 200mm encapsulated motors, manufactured to ISO 9001 standards, are the quality drive for your submersible pumps. Water lubricated thrust and radial bearings offer a maintenance-free long life submersible motor operation. The Sand Fighter® seal system (150mm and 200mm) was designed to deal with sandy applications.

Features

- Hermetically sealed stator using anti-track, self-healing resin
- Removable “Water Bloc” lead connector
- Cable material according to drinking water regulations (KTW approved)
- Sand slinger and shaft seal for high performance in sand
- High efficiency electrical design resulting in reduced running cost and lower winding temperature
- All motors prefilled and 100% tested
- Non-contaminating, water-filled design
- High starting torque design for single-phase motors (when used with Franklin Electric CONTROL BOCS PLUS®).

Electrical ratings and dimensions

100mm single-phase application

For single-phase 100mm motors, the Franklin Electric CONTROL BOCS PLUS® range offers high starting torque and incorporated motor protection.

150mm three-phase application

These motors are built for dependable operation in 6" diameter or larger boreholes, powered by a 400V 50Hz supply. They are fitted with water lubricated radial and thrust bearings for maintenance-free operation. The motor is filled with a special fluid, providing internal corrosion resistance. A special diaphragm ensures pressure compensation inside the motor making operating immersion depths of 200 metres possible.

200mm three-phase application

These motors are built for dependable operation in 8" diameter or larger boreholes, powered by a 400V 50Hz supply. They are fitted with water lubricated radial and thrust bearings for maintenance-free operation. The motor is filled with a special fluid, providing internal corrosion resistance. A special diaphragm ensures pressure compensation inside the motor making operating immersion depths of 200 metres possible.



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Service and Support - Franklin Electric is the leading manufacturer of world-class pumping system solutions providing the highest quality, availability, service, innovation and value in the industry. Backed by unsurpassed expertise throughout Africa, these leading brands are ideal for various pumping applications.