Equipment and solutions

Franklin Electric 8″ Encapsulated

Submersible Motor

Product technical datasheet

Franklin Electric 8″ encapsulated submersible motors, 30kW to 150kW.

FT-P014 · Rev. 1



Franklin Electric 8″ Encapsulated submersible motors deliver high power from 30kW to 150kW, combining extreme durability with operational efficiency. With hermetically sealed stator, self-healing resin and integrated Submonitor transmitter (up to 110kW), these motors are the.

Applications

- Agricultural irrigation and gardens.
- High demand water supply
- Large diameter boreholes
- Hydropneumatic systems.
- Water treatment

Operating conditions

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

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

Flange
8" NEMA
Protection
IP 68
Insulation
Class F
Ambient Temp.
30°C
Starts/Hour
Max. 20
Installation
Vertical / Horizontal
Standard Voltage
380-415V/50Hz ; 460V/60Hz
Voltage Tolerance
+6% / -10% UN
Cooling Flow
min. 16 cm/s
SUBMONITOR
Submonitor Transmitter (up to 110kW)
Cable
Motor lead cable 8m
Note
Cables included
Power Range
30kW – 150kW
Stator
Hermetically sealed stator

Applications

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Technical specifications

Resin

Self-healing stator resin prevents overheating

Connector

Removable Water Bloc™ lead connector

Sand Fighter®

Sand Slinger shaft seal

Efficiency

High efficiency electrical design

Filling

Non-contaminating water filling

Testing

100% Tested

Engineering note

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

Motor Cables

Dimensions and models

Code	Model	Description
2032012901	305 243 901	3 x 8,4 x 8 m (30-45 kW DOL / 30-45 kW SD)
2032061901	305 310 901	3 x 16 x 8 m (55-93 kW DOL / 55-150 kW SD)
2032085901	305 309 901	3 x 35 x 8 m (110-150 kW DOL) 316 SS