



STANDARD
SAND FIGHTER

TECHNICAL SPECIFICATIONS STANDARD MOTOR:

- 12" flange
- Protection: IP 68
- Starts per hour: max. 5
- Installation position: vertical / horizontal
- Motor Lead in 6 m length (KTW approved)
- Standard voltage: 380-415V/50Hz, 460V/60Hz;
Voltage tolerance: +6%/-10% (Standard: 415 + 6% = 440V, 380 - 10% = 342V)
- Motor protection: Select thermal overloads according to EN 60947-4-1, trip class 10 or 10A, trip time < 10 s at $5 \times I_N$
- Max. ambient temperature of 30°C with a min. cooling flow: $v = 0,5 \text{ m/s}$

OPTIONS

- Other voltages: 690V, 1000V 50Hz
- PT 100 temperature sensor (sold separately)

12" Rewindable Motors

These 12" rewindable motors, manufactured in ISO 9001 certified facilities, are built for dependable operation in 12" diameter or larger water wells.

It is fitted with water lubricated radial and thrust bearings for maintenance-free operation. The motor is filled with a special FES93 fluid, providing frost protection down to -15°C storage temperature.

A special diaphragm ensures pressure compensation inside the motor. The SAND FIGHTER™ SiC seal system is standard.

PRODUCT ADVANTAGES

- Easy to assemble with double flange
- Cable material according to drinking water regulations (KTW approved)
- SAND FIGHTER™ SiC seal system for high performance in sand
- High efficiency electrical design for low operation cost
- All motors prefilled and 100% tested
- Max. storage temperature -15°C – +60°C
- Design for retrofitable PT100 sensor
- Non contaminating FES93 filled design

P_N (kW)	Thrust (N)	n_N (min ⁻¹)	L (mm)	m (kg)
250	80,000	2935	1893	743
300	80,000	2945	2043	806
350	80,000	2935	2143	849
400	80,000	2930	2193	874



Franklin Electric

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