



STANDARD



OPTIONAL



TECHNICAL SPECIFICATIONS STANDARD MOTOR:

- 10" flange
- Protection: IP 68
- Starts per hour: max. 10
- Installation position: vertical / horizontal (**185 kW** motors may not be installed horizontally)
- Motor Lead in 6 m length (KTW approved)
- Standard voltage: 380-415V/50Hz, 460V/60H; 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 x I_N
- YΔ - start (pos. of cables 90°)
- Standard motor with PVC winding insulation for max. ambient temperature of 25°C with a min. cooling flow: v = 0,5 m/s

OPTIONS

- Other voltages: 690V, 1000V 50Hz
- Motors in complete 316 SS and 904 L
- PE2/PA winding insulation for max. ambient temp. of 45°C at the same cooling conditions as standard
- PT 100 temperature sensor (sold separately)

10" Rewindable Motors

These 10" rewindable motors, manufactured in ISO 9001 certified facilities, are built for dependable operation in 10" diameter or larger water wells.

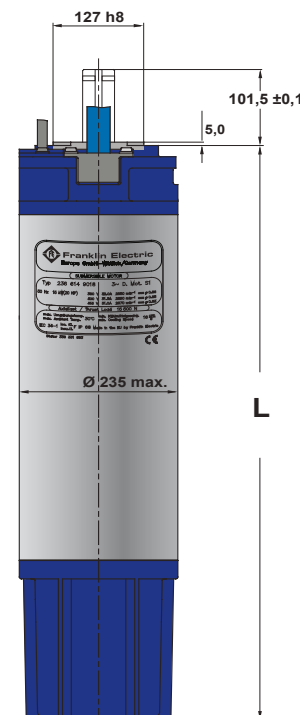
It is fitted with water lubricated radial and thrust bearings for maintenance-free operation. The motor is filled with a special FES93 fluid, providing frost protection down to -15°C storage temperature.

A special diaphragm ensures pressure compensation inside the motor. The SAND FIGHTER™ SiC seal system is standard. For applications in aggressive media, motors made of 316SS and 904L are available.

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)
85	60 000	2900	1419	280
110	60 000	2920	1529	315
130	60 000	2920	1659	362
150	60 000	2920	1769	413
185	60 000	2920	1919	449



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