



STANDARD



OPTIONAL

Stainless steel
316 SS

Stainless steel
904 L

TECHNICAL SPECIFICATIONS STANDARD MOTOR:

- 8" NEMA flange
- Protection: IP 68
- Starts per hour: max. 20
- Installation position: vertical / horizontal (93 kW motors may not be installed horizontally)
- Motor Lead in 6m 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 x IN
- YΔ - start (pos. of cables 90°)
- Standard motor with PVC winding insulation for max. ambient temp. of 30°C with a min. cooling flow:
 - 30 kW - 52 kW $v = 0,2$ m/s
 - 55 kW - 93 kW $v = 0,5$ m/s

OPTIONS

- Other voltages: 230V, 690V, 1000V 50Hz
- Motors in complete 316 SS and 904 L
- YΔ - start (pos. of cables 90°)
- PE2/PA winding insulation for max. ambient temp. of 50°C at the same cooling conditions as standard
- PT 100 temperature sensor (sold separately)

8" Rewindable Motors

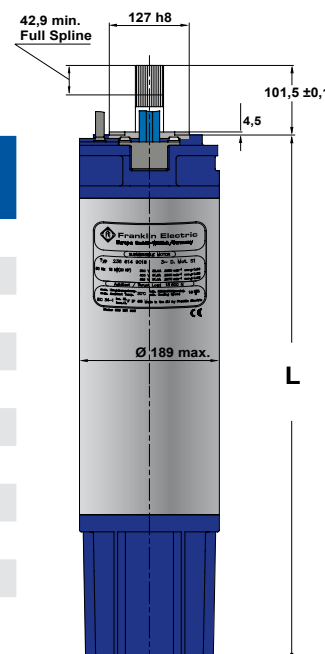
These 8" rewindable motors, manufactured in ISO 9001 certified facilities, are built for dependable operation in 8" diameter or larger water wells. It is fitted with water lubricated radial and thrust bearings for maintenance-free operation. The motor is filled with a special FES93 fluid, providing frost 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)
30	45 000	2900	1140	140
37	45 000	2900	1140	140
145	45 000	2910	1230	156
52	45 000	2910	1340	179
55	45 000	2915	1340	179
60	45 000	2910	1470	198
67	45 000	2910	1470	198
75	45 000	2910	1560	215
83	45 000	2920	1560	247
93	45 000	2920	1740	247



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