



6" Rewindable Motors „Streamline“



Submersible Motors Quality in the Well

These 6" rewindable motors, manufactured to ISO 9001 standards, are built for dependable operation in 6" 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.

Product advantages:

- High efficiency electrical design for low operation cost
- All motors prefilled and 100% tested. Max. storage temperature -15°C - + 60°C
- Approved Franklin Electric „Kingsbury Type“ thrust bearing
- Non contaminating FES 93 filling

Technical Specifications Standard Motor:

- 6" NEMA flange
- Protection: IP 68
- Starts per hour: max. 20
- Installation position: vertical / horizontal
- Motor Lead in 4m length
- 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 I_N
- PVC winding insulation
- Max. ambient temp. of 30°C with a min. cooling flow: v = 0,2 m/s

Options

For special features please contact Franklin Electric.

6" Streamline 3~ / 400V / 50Hz											
P _N [kW]	Thrust F [N]	U _N [V]	n _N [min-1]	I _N [A]	I _A [A]	η [%]	cos φ	T _N [Nm]	T _A [Nm]	L [mm]	m [kg]
4	15500	400	2880	12,2	52	0,70	0,69	13,2	24,4	552	34
5,5	15500	400	2870	15,8	65	0,73	0,70	18,2	30,6	592	38
7,5	15500	400	2860	18,7	79	0,77	0,77	24,9	42,8	642	43
9,3	15500	400	2870	23,7	118	0,80	0,73	30,9	66,4	682	47
11	15500	400	2870	28,9	127	0,78	0,72	36,5	68,2	702	49
13	15500	400	2860	30,7	144	0,81	0,75	43,4	75,9	746	53
15	15500	400	2870	34,2	178	0,81	0,79	49,8	99,0	817	60
18,5	15500	400	2870	41,2	236	0,84	0,79	61,3	133	907	69

