



TECHNICAL DATASHEET

Franklin Electric 8" Submersible Motors

High-power 8" motors (30kW-150kW) for large-scale water extraction and heavy industrial use.



Franklin Electric 8" Submersible Motors deliver high power from 30kW to 150kW, combining extreme durability with operational efficiency. Featuring a hermetically sealed stator, self-healing resin, and built-in Submonitor transmitter (up to 110kW), they are the ideal choice for large-scale water extraction and heavy industrial applications.

APPLICATIONS

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

TECHNICAL DATA

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

FEATURES

Power Range	30kW – 150kW
Stator	Hermetically sealed stator
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

SUPER 8" DOL 304 SS WITH SUBTROL

Code	Model	kW	HP	V	Axial Load (N)	Weight (Kg)
2038103000	239 600 7023	30,0	40,0	400,0	45,0	116,0
2038103700	239 601 7023	37,0	50,0	400,0	45,0	128,0
2038104500	239 602 7023	45,0	60,0	400,0	45,0	146,0
2038105500	239 603 7023	55,0	75,0	400,0	45,0	173,0
2038107500	239 604 7023	75,0	100,0	400,0	45,0	218,0
2038109300	239 105 7019	93,0	125,0	400,0	45,0	292,0
2038111000	239 106 7519	110,0	150,0	400,0	45,0	334,0
2038113000	239 107 7519	130,0	175,0	400,0	45,0	380,0
2038115000	239 108 7519	150,0	200,0	400,0	45,0	431,0

SUPER 8" SD 304 SS WITH SUBTROL

Code	Model	kW	HP	V	Axial Load (N)	Weight (Kg)
2038203000	239 620 8023	30,0	40,0	400,0	45,0	119,0
2038203700	239 621 8023	37,0	50,0	400,0	45,0	131,0
2038204500	239 622 8023	45,0	60,0	400,0	45,0	149,0
2038205500	239 623 8023	55,0	75,0	400,0	45,0	181,0
2038207500	239 624 8023	75,0	100,0	400,0	45,0	221,0
2038209300	239 125 8019	93,0	125,0	400,0	45,0	295,0
2038211000	239 126 7619	110,0	150,0	400,0	45,0	337,0
2038213000	239 127 7619	130,0	175,0	400,0	45,0	383,0
2038215000	239 128 7619	150,0	200,0	400,0	45,0	434,0

MOTOR CABLES

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