



# Franklin Electric

## 6" MOTORS



### Product features:

- Range from 4kW to 45kW
- Hermetically sealed stator, Anti track, self healing stator resin prevents motor burn out
- 37 and 45kW Motors up to 50°C ambient temperature
- Removable Water Bloc™ lead connector
- Cable material according to drinking water regulations (KTW approved)
- Sand fighter® Motor with SiC-Mechanical Seal
- High efficiency electrical design for low operation cost
- All motors prefilled and 100% tested. Max. storage temperature -15°C to +60°C
- Non contaminating FES91/92 filled design

### Specifications:

- 6" NEMA flange
- Protection: IP 68
- Starts per hour : 20
- Installation : vertical/horizontal
- 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 DIN 60947-4-1, trip class 10 or 10A, trip time < 10 s at 5 x I<sub>N</sub>
- Insulation : Class F
- Rated ambient temperature : 4-30kW up to 30°C; 37-45 kW up to 50°C
- Cooling flow : min. 0,16 m/s

Code	Model	KW	HP	V	Axial Load N	Weight Kg
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**Super 6" DOL 304 SS**

Cable is included

2036030400	236 610 9061	4	5.5	400	6.500	37
2036030550	236 611 9061	5.5	7.5	400	6.500	38.9
2036030750	236 612 9061	7.5	10	400	15.500	42.5
2036030930	236 001 9061	9.3	12.5	400	15.500	45.2
2036031100	236 613 9061	11	15	400	15.500	47.5
2036031500	236 614 9061	15	20	400	15.500	55
2036031850	236 615 9061	18.5	25	400	15.500	60.5
2036032200	236 616 9061	22	30	400	15.500	67.5
2036033000	236 617 9061	30	40	400	27.500	84.6

**Super 6" SD 304 SS**

Cables are included

2036130400	236 710 9061	4	5,5	400	6.500	37
2036130550	236 711 9061	5.5	7.5	400	6.500	38.9
2036130750	236 712 9061	7.5	10	400	15.500	42.5
2036130930	236 011 9061	9.3	12.5	400	15.500	45.2
2036131100	236 713 9061	11	15	400	15.500	47.5
2036131500	236 714 9061	15	20	400	15.500	55
2036131850	236 715 9061	18.5	25	400	15.500	60.5
2036132200	236 716 9061	22	30	400	15.500	67.5
2036133000	236 717 9061	30	40	400	27.500	84.6

**Super 6" DOL 304 SS with SUBTROL**

Cables are included

2036230400	236 610 6061	4	5.5	400	6.500	37
2036230550	236 611 6061	5.5	7.5	400	6.500	38.9
2036230750	236 612 6061	7.5	10	400	15.500	42.5
2036230930	236 001 6061	9.3	12.5	400	15.500	45.2
2036231100	236 613 6061	11	15	400	15.500	47.5
2036231500	236 614 6061	15	20	400	15.500	55
2036231850	236 615 6061	18.5	25	400	15.500	60.5
2036232200	236 616 6061	22	30	400	15.500	67.5
2036233000	236 617 6061	30	40	400	27.500	84.6
2036233700	276 618 6061	37	50	400	27.500	120
2036234500	276 619 6061	45	60	400	27.500	135

Code	Model	KW	HP	V	Axial Load N	Weight Kg
<b>Super 6" SD 304 SS with SUBTROL</b>				Cables are included		
2036330400	236 710 6061	4	5.5	400	6.500	37
2036330550	236 711 6061	5.5	7.5	400	6.500	38.9
2036330750	236 712 6061	7.5	10	400	15.500	42.5
2036330930	236 011 6061	9.3	12.5	400	15.500	45.2
2036331100	236 713 6061	11	15	400	15.500	47.5
2036331500	236 714 6061	15	20	400	15.500	55
2036331850	236 715 6061	18.5	25	400	15.500	60.5
2036332200	236 716 6061	22	30	400	15.500	67.5
2036333000	236 717 6061	30	40	400	27.500	84.6
2036333700	276 718 6061	37	50	400	27.500	120
2036334500	276 719 6061	45	60	400	27.500	135
2032025004	310 125 004	Cable 4 x 4 x 4 mts (DOL 4 - 22 kW) (SD 4 - 37 kW)				
2032045004	310 145 004	Cable 4 x 8,4 x 4 mts.(DOL 30 kW) (SD 45 kW)				