



Submersible Bore Pumps 4" Bore Motors

The 'MotorMate' are a robust, high quality 4" non-toxic oil-filled motors with wide operating parameters.

Available in 240V or 415V and 2 wire or 3 wire configurations, these motors have 4" Nema standard coupling dimensions which make it easy to assemble to all 4" borehole pumps regardless of manufacture or brand.

Features

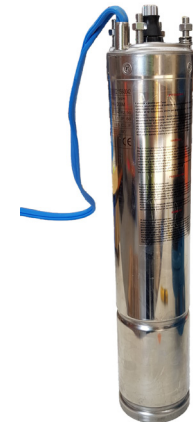
- Immersion depth: up to 200m.
- Removable motor leads.
- High start torque - 240V.
- High-grade Stainless Steel construction.
- All motors 100% tested.
- Axial thrust from 2000N to 5000N.
- Up to 40 starts per hour.
- Corrosion-resistant materials.
- Cable materials CE approved (potable water applications).

Specifications

Mounting flange	4" NEMA standard
Degree of protection	IP 68
Insulation class	F
Single phase motors	0.37 kW up to 4.0 kW
Three phase motors	0.75 kW up to 7.5 kW
Standard voltages	1 - 230V (50Hz) 3 - 400V (50Hz)
Cable length	1.7m 0.37 kW up to 1.5 kW 2.5m 2.2 kW up to 7.5 kW

Operating Parameters

Max. voltage variation	+ 10% / - 10%
Max. starts / hr	40
Max. water temperature	35 degrees C
Flow rate	0.2m/sec
Axial thrust	2000N from 0.37 kW up to 1.5 kW 3000N 2.2 kW 5000N from 3 kW up to 7.5 kW
Max. immersion depth	200m



Two-Wire Motors, 50Hz - psc

Model Number	P2		Voltage V	Run A	Start A	Efficiency	PF COS	RPM	Thrust Load N	Capacitor uF	Cable	
	kW	HP									mm2	m
SR4-050M2	0.37	0.5	230	3.7	12	0.53	0.95	2840	2000	16	1.5	1.7
SR4-075M2	0.55	0.75	230	5	15	0.62	0.90	2840	2000	20	1.5	1.7
SR4-100M2	0.75	1	230	6.2	20	0.64	0.90	2840	2000	25	1.5	1.7
SR4-150M2	1.1	1.5	230	8.1	32	0.68	0.90	2850	2000	35	1.5	1.7
SR4-200M2	1.5	2	230	10.4	38	0.73	0.90	2850	2000	40	1.5	1.7



Control Boxes - Three-Wire, 50Hz - psc

Three-Wire Motors, 50Hz - psc

Model Number	P2		Voltage V	Run A	Start A	Efficiency	PF COS	RPM	Thrust Load N	Capacitor uF	Cable	
	kW	HP									mm2	m
SR4-100M	0.75	1	230	6.2	20	0.64	0.95	2840	2000	25	1.5	1.7
SR4-150M	1.1	1.5	230	8.1	32	0.68	0.90	2850	2000	35	1.5	1.7
SR4-200M	1.5	2	230	10.4	38	0.73	0.90	2850	2000	40	1.5	1.7
SR4-300M	2.2	3	230	15	46	0.72	0.88	2820	2000	55	1.5	2.5
SR4-550M	4.0	5.5	230	-	-	-	-	-	2000	-	-	-

Model No.	kW	HP	Specifications
2BC03	0.75	1.0	Single capacitor Power light - o/load
2BC04	1.1	1.5	
1BC04	1.1	1.5	Dual capacitors Power light - o/load
1BC06	1.5	2.0	
1BC07	2.2	3.0	
1BC09	4.0	5.5	

Three-Phase Motors, 50Hz - dol

Model Number	P2		Voltage V	Run A	Start A	Efficiency	PF COS	RPM	Thrust Load N	Cable	
	kW	HP								mm2	m
SR4-100T	0.75	1	400	2.3	8.9	0.66	0.78	2830	2000	1.5	1.7
SR4-150T	1.1	1.5	400	3.1	12	0.70	0.84	2840	2000	1.5	1.7
SR4-200T	1.5	2	400	4	14	0.72	0.84	2840	2000	1.5	1.7
SR4-300T	2.2	3	400	5.6	22	0.71	0.83	2840	3000	1.5	2.5
SR4-400T	3	4	400	7.4	43	0.73	0.80	2850	5000	1.5	2.5
SR4-550T	4	5.5	400	9.8	49	0.75	0.80	2855	5000	1.5	2.5
SR4-750T	5.5	7.5	400	13.7	65	0.75	0.80	2850	5000	1.5	2.5
SR4-1000T	7.5	10	400	18.7	87	0.75	0.80	2850	5000	1.5	2.5

