



MOTOR PERFORMANCE DATA

Model: **6" 2P Submersible Motor**

WATER	Type	25	HP	36	AMPS	Date: 16/06/2014 25 HP 2850 RPM 530 mm Stack
3	Phase	415	Volt	2850	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	
				2270	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	62	Nm	No Load	0	0	0.9	0	0.08	3000	14.7
Break Down Torque	182	Nm	25%	4.7	6.2	5.9	79.0	0.47	2963	17.5
Locked Rotor Torque	147	Nm	50%	9.3	12.5	10.9	85.0	0.70	2925	21.7
Locked Rotor Current	207	Amps	75%	14.0	18.7	16.3	85.6	0.81	2888	28.1
Winding Resistance	0.81	Ohms	100%	18.6	24.9	22.0	84.4	0.86	2850	35.8
Weight (With Water)	105	Kg (Approximate)	125%	23.3	31.2	28.3	82.2	0.88	2813	44.8

