



MOTOR PERFORMANCE DATA

Model: **12" 2P Submersible Motor**

WATER	Type	300	HP	340	AMPS
3	Phase	460	Volt	3540	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz
				4540	Kg Thrust Load

Date: **27/06/2014**
300 HP
3540 RPM
1050 mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	604	Nm	No Load	0	0	9	0	0.13	3600	84.2
Break Down Torque	2352	Nm	25%	56	75	66	84.7	0.68	3585	122.6
Locked Rotor Torque	1088	Nm	50%	112	150	124	90.4	0.83	3570	188.0
Locked Rotor Current	2039	Amps	75%	168	225	183	92.0	0.88	3555	261.3
Winding Resistance	0.03	Ohms	100%	224	300	242	92.4	0.90	3540	339.9
Weight (With Water)	840	Kg (Approximate)	125%	280	375	304	92.2	0.90	3525	423.1

