



MOTOR PERFORMANCE DATA

Model: **12" 4P Submersible Motor**

WATER	Type	300	HP	391	AMPS	Date: 1/07/2014 300 HP 1735 RPM 1300 mm Stack
3	Phase	460	Volt	1735	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1233	Nm	No Load	0	0	10	0	0.07	1800	177.1
Break Down Torque	4370	Nm	25%	56	75	69	81.8	0.44	1785	195.3
Locked Rotor Torque	2826	Nm	50%	113	151	128	88.0	0.66	1770	244.8
Locked Rotor Current	2343	Amps	75%	169	226	189	89.3	0.76	1750	311.2
Winding Resistance	0.03	Ohms	100%	225	302	252	89.2	0.81	1735	390.5
Weight (With Water)	950	Kg (Approximate)	125%	281	377	318	88.5	0.83	1715	478.7

