



MOTOR PERFORMANCE DATA

Model: 10" 2P Submersible Motor

<u>WATER</u> Type	<u>200</u> HP	<u>49</u> AMPS
<u>3</u> Phase	<u>2300</u> Volt	<u>3540</u> RPM
<u>1.15</u> S.F.	<u>30Deg.C</u> Max.Amb.Water	<u>60</u> Hertz
		<u>4540</u> Kg Thrust Load

Date: 25/07/2014
200 HP
3540 RPM
1300 mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>400</u> Nm		No Load	0	0	6	0	0.07	3600	22.5
Break Down Torque	<u>2336</u> Nm		25%	37	50	45	82.9	0.47	3585	24.0
Locked Rotor Torque	<u>1402</u> Nm		50%	75	100	83	89.4	0.69	3570	30.3
Locked Rotor Current	<u>340</u> Amps		75%	112	150	122	91.3	0.79	3555	38.9
Winding Resistance	<u>1.14</u> Ohms		100%	149	200	162	91.8	0.84	3540	48.6
Weight (With Water)	<u>700</u> Kg (Approximate)		125%	186	250	203	91.8	0.86	3525	59.3

