



MOTOR PERFORMANCE DATA

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

WATER	Type	10	HP	14	AMPS	Date: 23/06/2014 10 HP 3495 RPM 280 mm Stack
3	Phase	460	Volt	3495	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				2270	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	20	Nm	No Load	0	0	0.5	0	0.07	3600	7.9
Break Down Torque	71	Nm	25%	1.9	2.5	2.5	76.3	0.39	3574	8.0
Locked Rotor Torque	47	Nm	50%	3.8	5.0	4.5	84.1	0.62	3548	9.2
Locked Rotor Current	81	Amps	75%	5.6	7.5	6.5	85.9	0.74	3521	11.0
Winding Resistance	2.22	Ohms	100%	7.5	10.1	8.7	85.8	0.81	3495	13.5
Weight (With Water)	55	Kg (Approximate)	125%	9.4	12.6	11.1	84.8	0.85	3469	16.4

