

TYPICAL MOTOR PERFORMANCE DATA

Model: M805WTAL11E-C

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4000	2984	4	1790	450-1600	4000	60	3	508.82
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
WP-II	24	F	1.15	CONT	96.8	-	E	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	4000	2982.8	508.8	97.1	87.2
¾ Load	3000.00	2237.1	389.6	96.9	85.5
½ Load	2000.00	1491.4	279.1	96.3	80.1
¼ Load	1000.00	745.7	185.9	94.0	61.6
No Load			115.9		3.1
Locked Rotor			2840.4		22.5

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
1.174E+04	125	130	205	1603.47

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
27.9	14.3	-	6328C3 INS	6328C3 INS	

*Bearings are the only recommended spare part(s).

Motor Options:
Product Family:WP-II
Mounting:Footed,Shaft:IEC B Dimension 1600 mm

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.

Engineering	bmmamen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
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