

UNITS: INCHES

FRAME SIZE	MOTOR DIMENSIONS										CONDUIT BOX							
	A	B	C	D	G	J	K	M	O	P	T	AA	AB	AC	AE	AF	XL	XN
364TS/365TS	16.4	15.4	31.5	9.00	0.8	3.4	4.8	11.8	18.1	18.0	2.8	3.00	14.6	11.9	9.00	5.6	9.7	7.1
364T/365T	16.4	15.4	33.7	9.00	0.8	3.4	4.8	11.8	18.1	18.0	2.8	3.00	14.6	11.9	9.00	5.6	9.7	7.1
364T/365T	7.00	11.25/12.25	0.69	5.88	5.88	3.75	3.50	1.875	1.591	0.500	2.00	6.312C3	6.312C3	6.312C3	800 lbs.	800 lbs.	800 lbs.	
364T/365T	7.00	11.25/12.25	0.69	5.88	5.88	5.62	2.375	2.021	0.625	4.25	6.314C3	6.314C3	6.312C3	800 lbs.	800 lbs.	800 lbs.		

CUSTOMER: _____ MOTOR MODEL NO.: _____ TAG NO's.: _____

P.O. NO.: _____ HP: _____ VOLTAGE: _____ RPM(SYN.): _____ Hz: _____
 FRAME SIZE: _____ PRODUCT TYPE: IEF3 EQP III, EPACT, & HIGH EFFICIENCY
 COMMENTS: _____

 PER: _____ DATE: _____

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 DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED CERTIFIED

- STANDARD (NO AUX. BOXES)
- RTD AUX. BOX
- SPACE HEATER AUX. BOX
- BEARING RTD's

- NOTES:
- DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT
 - MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
 - KEY DIMENSIONS EQUAL S x S x 4.25 FOR T AND S x S x 2.00 FOR TS (MOTOR SUPPLIED WITH KEY)
 - MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
 - THIS DIMENSION EQUALS 2F FOR 364T/TS MOUNTING
 - STANDARD PRODUCT USE BI-DIRECTIONAL FAN, OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE

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TOTALLY-ENCLOSED FAN-COOLED
 HORIZONTAL FOOT-MOUNTED
 3 PHASE INDUCTION MOTOR
 F1 ASSEMBLY

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TYPICAL MOTOR PERFORMANCE DATA

Model: B0754FLF3UMH02

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75	55	4	1775	365T	230/460	60	3	176/88
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	44	F	1.15	CONT	95.4	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	75	55.9	88.0	95.3	83.8
¾ Load	56.25	41.9	70.6	95.5	80.8
½ Load	37.50	28.0	54.3	95.0	73.9
¼ Load	18.75	14.0	42.2	88.7	46.9
No Load			29.0		4.4
Locked Rotor			542.00		32.6

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
222	200	175	270	15.33

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
20	9	-	6314C3	6312C3	

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

Motor Options:
Product Family:EQPIII
Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

Engineering	gminetos	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
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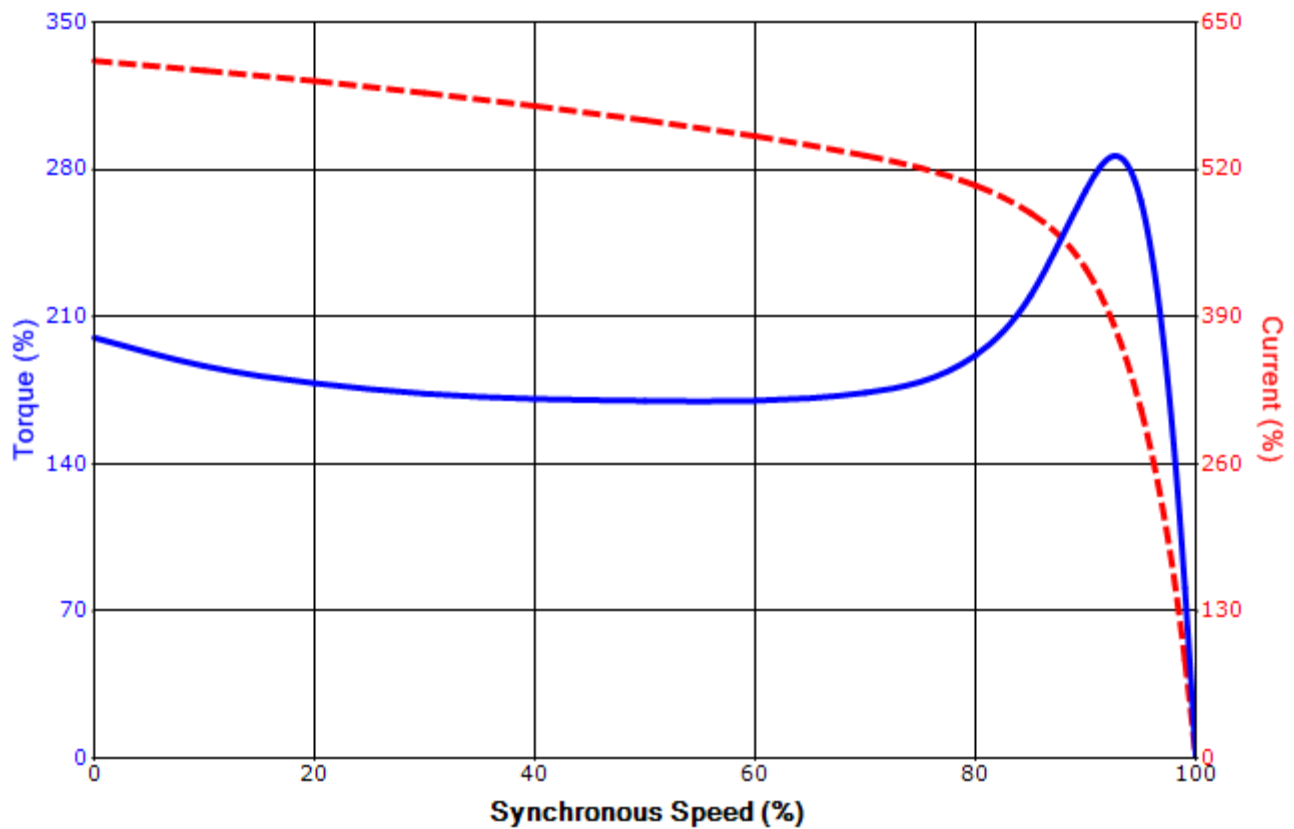
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SPEED TORQUE/CURRENT CURVE

Model: B0754FLF3UMH02

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75	55	4	1775	365T	230/460	60	3	176/88
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	44	F	1.15	CONT	95.4	B	G	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
542.00	15.33	222	200	175			270	

Design Values



Customer		wk ² Load Inertia (lb-ft ²)	-
Customer PO		Load Type	-
Sales Order		Voltage (%)	100
Project #		Accel. Time	-

Tag:

All characteristics are average expected values.

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