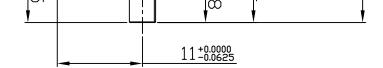
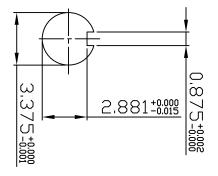


	MOTOR OUTLINE FOR	MOTOR OUTLINE FOR PHASE INDUCTION MOTOR	TOR	
ΛE		P.O. NO.	MOTOR TAG NO.	'AG NO.
_TAGE	FREQUENCY	FREQUENCY FULL LOAD SPEED	TOSHIBA MODEL NO.	DEL NO.
3/4k V	Hz	(min ⁻¹)		
CLASS	RATING	FRAME	S.F.	ENCLOSURE
Г. Т.	CONT.	N449T		TEFC
TER	NATION	TERNATIONAL CORPORATION	ORATIO	Z
OUST	ON, TEXA	OUSTON, TEXAS U.S.A.		
ATE:	CHECKED BY:	DATE:	DRAWING NO .:	REV.
26/04			MDSL0071-13	0







Leading Innovation >>>

TYPICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

8/18/2016

dschoeck

Transmit #

Issued Rev

Model:	3004FCAK11A	-A						
HP	kW	Pole	FL RPM	Frame	Valtaria	Hz	Phase	FI Amma
300	224	4	1790	N449T	Voltage 4000	60	3	FL Amps 42
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA	NEMA	kVA Code	Ambient
TEFC	54	F	1.15	CONT	Nom. Eff. 95.8	Design A	G	(° C) 40 C
TEIC	34		1.15	CONT	93.0	~	6	400
oad	HP	kW	Ampe	eres	Efficiency	/ (%)	Power F	actor (%)
ull Load	300	223.7	41		95.8	(,,,)		1.7
4 Load	225.00	167.8	32	.9	94.9		77	7.5
2 Load	150.00	111.9	25		92.7		68	3.1
4 Load	75.00	55.9	20	.0	86.2		46	6.8
lo Load			16	.2			4	.4
ocked Rotor			256					2.8
Full Lo			Torque d Rotor	Ρι	ıll Up	_	ak Down	Rotor wk ² Inertia
(lb-ft) 881	•		FLT) 25		5 FLT) 115	(%	% FLT) 255	(lb-ft ²) 149.34
Safe Stall T		Sound Pressure		Bearin			Approx. Mo	otor Weight
				Boarm	93			0
Cold	Hot	dB(A) @ 1M	DI		NDE		(Ik	-
26.2	11.5	dB(A) @ 1M -	DI NU32	E				-
	11.5 commended spare	dB(A) @ 1M -		E	NDE			-
26.2 Bearings are the only red Notor Options: Product Family:TEFO Mounting:Footed,Sh Customer Customer PO Gales Order Project #	11.5 commended spare	dB(A) @ 1M -		E	NDE			_
26.2 Bearings are the only red Notor Options: Product Family:TEF0	11.5 commended spare C haft:T Shaft	dB(A) @ 1M -	NU32	E	NDE 6318C	3		-
26.2 Bearings are the only red Motor Options: Product Family: TEFO Mounting: Footed, Sh Customer Customer PO Sales Order Project # Tag:	11.5 commended spare C haft:T Shaft	dB(A) @ 1M -	NU32	E	NDE 6318C	3 		-



HP

300

Enclosure TEFC

Locked Rotor

Amps

256.00

Issued By dschoeck Issued Rev Issued By dschoeck Issued Rev SPEED TORQUE/CURRENT CURVE Model: 3004FCAK11A-A KW Pole FL RPM Frame Voltage Hz Phase 224 4 1790 N449T 4000 60 3 42					Issued Date	8/18/201	16	Transmit #	
g Innovation >>> SPEED TORQUE/CURRENT CURRENT Eddet:	SH	IRA				dschoed	:k		
Image: constraint of the second sec	g Inno	ovation >>>		PEED TORQ	UE/CURREN	T CURVE			
224 4 1790 N449T 4000 60 3 42 IP Ins. Class S.F. Duty NEMA Nom. Eff. Design KVA Code Ambient (°C) 54 F 1.15 CONT 95.8 A G 40.0 otor Inertia Inertia (b-ft) Locked Rotor Full Up (%) Break Down (%) Break Down (%) Break Down (%) 6 3 42 0 149.34 881 225 115 255 255 Design Values 700 180 420	iouei.	JUUTI CARTIA	~						
224 4 1790 N449T 4000 60 3 42 ure IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design KVA Code (°C) 2 54 F 1.15 CONT 95.8 A G 40.0 Rotor wk² (btor s Inertia (Ib-ft) Locked Rotor (%) Pull Up Break Down (%) Break Down (%) Break Down (%) 0 149.34 881 225 115 255 Design Values 700 420 420 420 420 420 420 420 420 430 431		kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
Iffe IP Ins. Class S.F. Duty Nom. Eff. Design KVA Code (*C) 3 54 F 1.15 CONT 95.8 A G 40C obtr Inertia [(b-ft)] CONT 95.8 A G 40C obtr Rom wk/ Inertia Full Load Locked Rotor Torque Break Down (%)									
otor kt inertia (Ib-ft?) Full Load (Ib-ft?) (b-ft) (b-ft) (%) (%) 149.34 881 225 115 255 Design Values		IP		S.F.	Duty			kVA Code	Ambient (°C)
Otor Inertia Full Load Locked Rotor Pull Up Break Down (b-ft?) (b-ft?) (b-ft?) (%) (%) (%) 0 149.34 881 225 115 255 Design Values	;	54	F	1.15	CONT	95.8	А	G	40 C
Intertial Pull Code Code Pull Code<	otor							-	
(IbHY) (IbHY) (Va))		
Design Values									
300 240 240 180 180 100 100 100 100 100 10)	149.34	881	22	25	115		2	55
60 140	240)	-	•	_				560
0 20 40 60 80 100	180 (%) anbio								420 Current (%
0 20 40 60 80 10 0	(%) Torque (%) 120								⁴²⁰ Current (%)
Synchronous Speed (%)	(%) local 120 60								⁴²⁰ Current (%) 280

Torque Curre	nt
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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.

	TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0				
Engr. Date	7/8/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				

