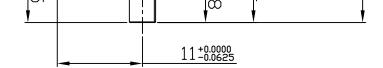
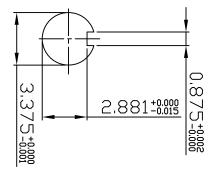


	MOTOR OUTLINE FOR	MOTOR OUTLINE FOR PHASE INDUCTION MOTOR	TOR	
ΛE		P.O. NO.	MOTOR TAG NO.	'AG NO.
_TAGE	FREQUENCY	FREQUENCY FULL LOAD SPEED	TOSHIBA MODEL NO.	DEL NO.
3/4k V	Hz	(min <sup>-1</sup> )		
CLASS	RATING	FRAME	S.F.	ENCLOSURE
Г. Т.	CONT.	N449T		TEFC
<b>TER</b>	NATION	<b>TERNATIONAL CORPORATION</b>	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	<b>FI</b> 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	(° <b>C)</b> 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 <sup>2</sup> Inertia
(lb-ft) 881	•		FLT) 25		5 <b>FLT)</b> 115	(%	% FLT) 255	(lb-ft <sup>2</sup> ) 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 <b>Notor Options:</b> 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 <b>Notor Options:</b> 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 <b>0</b>	(%) Torque (%) 120								<sup>420</sup> Current (%)
Synchronous Speed (%)	(%) <b>local</b> 120 60								<sup>420</sup> Current (%) 280

Torque Curre	nt
--------------	----

Customer		wk <sup>2</sup> Load Inertia (lb-ft <sup>2</sup> )	-
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				

