TOSHIBA INTERNATIONAL CORPORATION TOSHIBA INTERNATIONAL CORPORATION TOSHIBA INTERNATIONAL CORPORATION TOSHIBA INTERNATIONAL CORPORATION TOSHIBA INTERNATIONAL CORPORATION TOSHIBA INTERNATIONAL CORPORATION TOSHIBA INTERNATIONAL CORPORATION	OF TECHNICAL DR APPLICATION	CUSTOMER:	NOTOR DIMENSIONS CONDUIT BOX 1.0 SRAME A B C D G J K Motor DIMENSIONS CONDUIT BOX 1.0 SIZE A B C D G J K Motor DIMENSIONS CONDUIT BOX CONDUIT BOX 1.0 SIZE A B CONDUIT MOX CONDUIT BOX 2.1 SIZE CONDUIT MOX ZZE 77.6 14.50 3.3 27.6 3.0.5 3.1 4.00 31.1 2.8 A 1.2 1.1 SIGE MOUNTING KETENSION KEY SEAT BEARINGS Maximum SIGE SIGE LS
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TYPICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

6/28/2024

dschoeck

Transmit #

Issued Rev

000 447 4 1793 9810//2 575 60 3 538 Enclosure IP Ins. Class S.F. Duty NEMA Nem. Eff. NEMA Design kVA Code Anbient (*C) TEFC 54 F 1.15 CONT 96.2 - 40.0 bad HP KW Anperes Efficiency (%) Power Factor (%) 40.0 bad 40 00.00 33.5.6 419 95.3 86.7 Load 450.00 335.6 419 95.7 83.9 10.6 Load 450.00 111.9 222 89.9 66.1 0 o Load 150.00 134.0 46 50.00 30.9 30.9 Full Load Locked Rotor Pull Up Break Down (% FLT) (% FLT) <td< th=""><th></th><th></th><th>Data</th><th></th><th>France</th><th>Valtaria</th><th>11-</th><th>Phase</th><th></th></td<>			Data		France	Valtaria	11-	Phase		
Enclosure IP Ins. Class S.F. Duty NEMA Non. Eff. NEMA Design KVA Code Amburn (°C) TEFC 54 F 1.15 CONT 96.2 - 40.C aad HD KW Amperes Efficiency (%) Power Factor (%) bit Load 600,00 447.4 533 96.3 66.7 Load 450,00 335.6 419 96.7 63.9 Load 450,00 335.6 419 96.7 63.9 Load 150,00 111.9 124.0 88.9 56.1 Load 150,00 111.9 124.0 88.9 56.1 Load 100,00 111.9 124.0 89.9 34.2 Safe Stall Time(s) Cocked Rotor (% FLT) (% FLT) (% FLT) 1758 2855 185 280.0 342.29 Safe Stall Time(s) Sound DE NDE (brs) 13 5 -										
TEPC 54 F 1.15 CONT 96.2 - 40 C aad HP HW Amperes Efficiency (%) Power Factor (%) Load 600 00 355.6 419 96.7 83.9 Load 400 0 355.6 419 96.7 83.9 Load 150.00 223.7 213 94.3 76.5 Load 150.00 111.9 222 83.9 6.6.1 Load 150.00 111.9 222 83.9 4.6 Dicad 0.00 30.9 4.6 0.00 30.9 Dicad 104.0 0.00 30.9 4.6 0.00 30.9 Vieta Ratio Ketry Vieta Ratio 30.9 342.29 342.29 Safe Stall Time(e) Sourd Egenings* Approx. Metor Weight 13 5 - 6320C3 6320C3 6320C3 International congrese the only recommende spare part(s). <			Ins. Class			NEMA	NEMA	kVA Code	Ambient	
Safe HP HW Amperes Efficiency (%) Power Factor (%) Load 400.00 335.6 419 95.7 63.3 66.7 Load 450.00 335.6 419 95.7 63.9 10.3 Load 450.00 323.7 311 94.5 76.5 10.2 Load 150.00 111.9 222 89.9 66.1 0 6.1 0 6.6 1 0 6.6 1 0 6.6 1 0 6.6 1 0 6.6 1 0 6.6 1 0 6.6 1 0 6.6 1 0 6.6 1 0 1.6 1 0 1 1.6 280 342.29 175.8 280 342.29 16.6 1 0 1 16.4 0 0 0 16.4 0 16.9 16.2 16.9 16.2 16.9 16.2 16.2 16.2 16.2	TEEC	54		1 15	CONT		_			
Ull Load 69:0.00 447.4 538 99:3 86.7 86.7 Load 450.00 335.6 419 95.7 83.9 1 84.3 76.5 1 96.7 18.9 1 1 94.3 76.5 1 96.1 1 1 1 94.3 76.5 1 0 1 1 1 94.3 76.5 1 0 1 1 1 94.3 76.5 1 0 1 0 1 <t< th=""><th>TEFC</th><th>54</th><th>F</th><th>1.15</th><th>CONT</th><th>96.2</th><th>-</th><th></th><th>40 C</th></t<>	TEFC	54	F	1.15	CONT	96.2	-		40 C	
Load 450.00 335.6 419 95.7 83.9 Load 300.00 223.7 311 94.3 76.6 Load 150.00 111.9 222 89.9 66.1 o Load 0.00 110.9 156.0 30.3 30.9	oad	НР	kW	Amp	eres	Efficiency	/ (%)	Power Fa	actor (%)	
Load 300.00 223.7 311 94.3 76.5 Load 150.00 111.9 222 89.9 56.1 Ocked Rotor 4.6 30.9 4.6 30.9 Deted Rotor 4080 30.9 30.9 30.9 Torque Pull Up Break Down Rotor wk (Ib-ft) (% FLT)	ull Load	600.00	447.4	53	38	96.3		86	6.7	
Load 150.00 111.9 222 89.9 56.1 0 Loid 0 Loid 156.0 4.6 0 30.9 Torque Retor with IUp Bareak Down Retor with Inertial (birtity) With Colspan="2">Torque Retor with Inertial (birtity) Retor with Inertial (birtity) Safe Stall Time(s) Sound Pressure dB(A) @ 1M Bearings* Approx. Motor Weight (birtity) (birtit)	Load		335.6	41	19	95.7		83	8.9	
0 Load 154.0 4.6 ocked Rotor 4060 30.9 Torque Torque Full Load Locked Rotor Pull Up Break Down (Ib-ft) (% FLT) (% FLT) (% FLT) 1758 255 185 280 Safe Stall Time(s) Pressure dB(A) @ M Bearings* Approx. Motor Weight (Ibs) 13 5 - 6320C3 6320C3 earings are the only recommended spare part(s). otor Options: Tooled, Shaft.UZ Shaft usiomer PO Lass Order Image: Pooled, Shaft.UZ Shaft I dracateristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A. Egninearing COM INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A.	Load		223.7					76	6.5	
Safe Stall Time(s) Sound (% FLT) Torque (% FLT) Pull Up (% FLT) Break Down (% FLT) Rotor wk Institution Safe Stall Time(s) Sound Pressure dB(A) @ 1M Bearings* Approx. Motor Weight (bs) 13 5 - 6320C3 6320C3 earings are the only recommended spare part(s). Oor Options: roduct Family.EOP Global SD touring: Fooled, Shatt:UZ Shaft Shaft	Load	150.00	111.9	22	22	89.9		56	6.1	
Safe Stall Time(s) Sound (% FLT) Pull Up (% FLT) Break Down (% FLT) Rotor wk Inertia (b-ft) 1753 255 185 280 342.29 Safe Stall Time(s) Sound Pressure dB(A) @ 1M Bearings* Approx. Motor Weight (ba) 13 5 - 6320C3 6320C3 earings are the only recommended spare part(s). 0 0 0 (ba) 00r Options: roduct Earnity:EOP Global SD loounting:Footed, Shaft:UZ Shaft 0 0 0 0 ustomer	o Load									
Full Load Locked Rotor Pull Up Break Down Inertia (lb-ft) (% FLT) (% FLT) (% FLT) (bft) 1758 255 185 280 342.29 Safe Stall Time(s) Sound Pressure dB(A) @ 1M Bearings* Approx. Motor Weight (bs) 13 5 - 6320C3 6320C3 (bs) 13 5 - 6320C3 6320C3 (bs) earings are the only recommended spare part(s). - 6320C3 6320C3 - otor Options: roduct Parnity:EQP Global SD loonting.Footed_Shaft.UZ Shaft - - - - ustomer	ocked Rotor			40	60			30).9	
Cold Hot Pressure dB(A) @ 1M DE NDE (lbs) 13 5 - 6320C3 6320C3 (lbs) 13 5 - 6320C3 6320C3 (lbs) earings are the only recommended spare part(s). otor Options: roduct Family:EQP Global SD lounting:Footed,Shaft:UZ Shaft ustomer		-		-		-	(3			
Cold Hot Pressure dB(A) @ 1M DE NDE (ths) 13 5 - 6320C3 6320C3 6320C3 earings are the only recommended spare part(s). otor Options: roduct Family:EOP Global SD founting:Footed,Shaft:UZ Shaft ustomer ustomer PO ales Order roject # ales Order roject # ales Order roject # ales Order roject # ales Order roject # TOSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A. TOSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A.	Safe Stall	Time(s)			Bearing	IS*		Approx. Mo	otor Weight	
13 5 - 6320C3 6320C3 earings are the only recommended spare part(s). otor Options: roduct Family:EQP Global SD founting:Footed,Shaft:UZ Shaft ustomer ustomer PO alse Order roject # ag: I characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A. TOSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A. TOSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A.	Cold	Hot							-	
otor Options: roduct Family:EOP Global SD tounting:Footed,Shaft:UZ Shaft ustomer ustomer PO ales Order opject # ag: I characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering zxie Dc. Written By D. Suarez Dc.#/Rev	13	5						(
ustomer PO ales Order roject # ag: I characteristics are average expected values. I characteristics are average expecte	Bearings are the only r	ecommended spare	e part(s).							
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ag: I characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering Zxie Doc. Written By D. Suarez Doc.# / Rev MPCF-1119 /	Iotor Options: Product Family:EQ Mounting:Footed,S	P Global SD	e part(s).							
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Engineering zxie Doc. Written By D. Suarez Doc.# / Rev MPCF-1119 /	ustomer ustomer PO ales Order roject # ag:	P Global SD haft:UZ Shaft								
	otor Options: roduct Family:EQ lounting:Footed,S lounting:Footed,S lounting:Footed source source ustomer ustomer PO ales Order roject # ag:	P Global SD haft:UZ Shaft	lues.							
	International States St	P Global SD haft:UZ Shaft	lues. TOSHIBA INTER	NATIONAL CO						



HP

600

Enclosure

TEFC

Locked Rotor

Amps

4060

350

280

(%) enbuot 140

140

70

ᅆ

Model: F6004FLF4OMH

kW

447

IP

54 Rotor wk²

Inertia

(lb-ft²)

342.29

		Issued Date	6/28/202	24	Transmit #	
		Issued By	dschoed	k	Issued Rev	
S		QUE/CURREN	T CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	1793	5810UZ	575	60	3	538
Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.15	CONT	96.2	-		40 C
			Torque			
Full Load		d Rotor	Pull Up)	Break	
(lb-ft)		%)	(%)		(%	
1758	2	55	185		28	60
						⁸⁰ Current (%)
						40 70
20	40	e	50	80	108	I

Synchronous Speed (%)

Torque Current

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

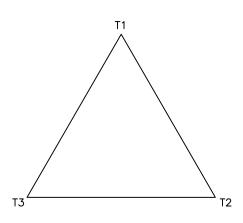
Tag:

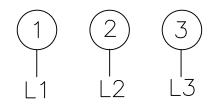
All characteristics are average expected values

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.									
Engineering	zxie	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0				
Engr. Date	5/4/2021	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				

3SVD

Motor Connection Diagram 3 Leads - Delta Connection





Switch L1 and L2 to reverse rotation

Each lead may consist of more than one cable. If multiple cables represent a single lead, each one of them will be labeled with the appropriate lead number.

TOSHIBA Leading Innovation >>>

HP

е г	Duty	NEMA	NEMA	k)/A Cada	Ambient
1793	5810UZ	575	60	3	538
FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	E PARTS LIS				
	Issued By: dschoeck		eck	Issued Rev:	
	Issued Date: 6/28/2024			Transmit #:	

(°**C)** 40 C

447	4	1793	5810UZ	575	60	3	
IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	
54	F	1.15	CONT	96.2	-		
6320C3 / 100B0	C03J3OX						
6320C3 / 100B0	C03J3OX						
	IP 54 6320C3 / 100B0	IP Ins. Class	IP Ins. Class S.F. 54 F 1.15 6320C3 / 100BC03J3OX Insection Insection	IPIns. ClassS.F.Duty54F1.15CONT6320C3 / 100BC03J3OX	IPIns. ClassS.F.DutyNEMA Nom. Eff.54F1.15CONT96.26320C3 / 100BC03J3OX	IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design 54 F 1.15 CONT 96.2 -	IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design kVA Code 54 F 1.15 CONT 96.2 -

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

Model: F6004FLF4OMH

kW

Pole

Other than the grease used for regreasable bearings and the oil used for oil-lubricated bearings, Toshiba advises that there are no "use" parts. The only insurance spares that Toshiba suggests for these squirrel-cage induction motors are industry-standard and commercially available off-the-shelf bearings as noted above.

Motor components such as terminal boxes, fan covers and other machined parts are available on special request. In these cases, please advise our order entry department of the model and serial numbers found on the motor nameplate and a description of the needed components. With this information they will be able to furnish the current part number, price and availability.

Note: Our internal part numbers are subject to change without notice and are not published.

Customer								
Customer PO								
Sales Order								
Project #								
Tag:								
All characteristics are av	verage expected values.							
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	zxie	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0			
Engr. Date	5/4/2021	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			