

9,0'' 28,6] 18,41'' [467,6] 21,20'' [538,6]	8.35" 5.88 [13.927] 5.88 [149,3] 4.25' [107,9] KEY LENG 4.25' 5.88" 1.07,9] KEY LENG 1.1.25" GREASE OU 1.1.25" 5.88" 1.1.25" 5.88" 1.1.25" 5.88" 1.1.25" 5.88" 1.1.25" 5.88" 1.1.25" 5.88" 1.1.25" 1.1.25" 1.1.25" 5.88" 1.1.25" 1.1.25" 1.1.25" 5.88" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.1.25" 1.
	[366]
	NOTES; 1. MAIN CONDUIT BOX N 2. STANDARD PRODUCT USE; AVAILABLE ONLY BY CONNE 3. KEY DIMENSIONS EQU
S OF TECHNICAL IMPROVEMEN	IT AND THE DATA MAY CHANGE W
R APPLICATION PURPOSES UNL	LESS THE DRAWING IS MARKED AS
TOTALLY ENCLOSED FAN HORIZONTAL FOOT M 3 PHASE INDUCTION 364T/365T F1AS	DUNT REV. DATE: 05/22/1



Issued Date

Issued By

6/28/2024

dschoeck

Transmit #

Issued Rev

HP kW 75 55 Enclosure IP TEFC 55 oad HP ull Load 75.00 a Load 56.25 a Load 37.50 a Load 18.75 o Load 0 ocked Rotor 0 Full Load (Ib-ft) 221 221 Safe Stall Time(s) Cold Hot 24 13 Bearings are the only recommended spare pare pare for Options: Product Family:Quarry Aounting:Footed,Shaft:T Shaft Aounting:Footed,Shaft T Shaft Aounting:Footed,Shaft T Shaft Aou	Pole 4 Ins. Class F Sound V Locked (% F 21: Sound Pressure dB(A) @ 1M rt(s).	LT)	9 4 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	Voltage 575 NEMA Nom. Eff. 95.4 Efficiency 95.3 94.7 93.0 87.5 0 111 Up FLT) 165 gs* NDE	Bre: (%	85 82 74 53 4 25 ak Down % FLT) 360	FL Amps 69 Ambient (°C) 40 C 40 C actor (%) 5.2 2.0 3.3 .2 5.8 Rotor wk² Inertia (Ib-ft²) 20.46 btor Weight 5.5
Enclosure IP TEFC 55 oad HP ull Load 75.00 a Load 56.25 a Load 37.50 a Load 18.75 o Load 0 o Load 18.75 o Load 0 o Load 18.75 ocked Rotor 18.75 Cold Hot 221 221 Safe Stall Time(s) 13 cold Hot 24 13 Hearings are the only recommended spare pare pare loanting:Footed, Shaft: T Shaft	Ins. Class F F kW 55.9 41.9 28.0 14.0 Locked (% F) 21 Sound Pressure dB(A) @ 1M	S.F. 1.25 Ampe 68 54 40 30 24 59 Torque Rotor LT) 0 DE	Duty CONT	NEMA Nom. Eff. 95.4 Efficienc: 95.3 94.7 93.0 87.5 87.5 87.5 105 105 105	NEMA Design A y (%) Brea (%	kVA Code Power Fa 85 82 74 53 4. 25 ak Down 6 FLT) 360 Approx. Mo	Ambient (°C) 40 C actor (%) 5.2 2.0 4.3 3.3 .2 5.8 Rotor wk ² Inertia (Ib-ft ²) 20.46
TEFC 55 Dad HP JII Load 75.00 Load 56.25 Load 37.50 Load 18.75 o Load 18.75 o Load 0 bocked Rotor 18.75 Full Load (Ib-ft) 221 Safe Stall Time(s) Cold Hot 24 13 earings are the only recommended spare par otor Options: roduct Family:Quarry Jourting:Footed,Shaft:T Shaft	F kW 55.9 41.9 28.0 14.0 Locked (% F 21 Sound Pressure dB(A) @ 1M	1.25 Ampe 69 54 40 30 24 59 Torque Rotor LT) 0	CONT eres 4 5 8 5 Pu (% Bearin E	95.4 Efficienc: 95.3 94.7 93.0 87.5 87.5 105 165 gs*	A y (%) Brea (?	Power Fa 85 82 74 53 4. 25 ak Down % FLT) 360 Approx. Mo	40 C actor (%) 5.2 2.0 4.3 3.3 .2 5.8 Rotor wk ² Inertia (Ib-ft ²) 20.46 ptor Weight
Dad HP ull Load 75.00 Load 56.25 Load 37.50 Load 18.75 o Load 0 Docked Rotor 0 Full Load (lb-ft) 221 Safe Stall Time(s) Cold Hot 24 13 earings are the only recommended spare pare to otor Options: roduct Family:Quarry lounting:Footed,Shaft:T Shaft	kW 55.9 41.9 28.0 14.0 Locked (% F 21 Sound Pressure dB(A) @ 1M	Ampe 69 54 40 30 24 59 Torque Rotor LT) 0	eres 9 4 0 1 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9	Efficienc; 95.3 94.7 93.0 87.5 87.5 105 105 105	y (%) Brea (?	85 82 74 53 4. 25 ak Down 6 FLT) 360 Approx. Mc	actor (%) 5.2 2.0 4.3 3.3 .2 5.8 Rotor wk ² Inertia (Ib-ft ²) 20.46 ptor Weight
ull Load 75.00 Load 56.25 Load 37.50 Load 18.75 o Load 18.75 o Load 0 bocked Rotor 0 Full Load (Ib-ft) 221 Safe Stall Time(s) Cold Hot 24 13 earings are the only recommended spare par for Options: roduct Family:Quarry lounting:Footed,Shaft:T Shaft	55.9 41.9 28.0 14.0 Locked (% Fl 21 Sound Pressure dB(A) @ 1M	65 54 40 30 24 59 Torque Rotor LT) 0	9 4 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	95.3 94.7 93.0 87.5 III Up FLT) 165 gs *	Bre: (%	85 82 74 53 4. 25 ak Down 6 FLT) 360 Approx. Mc	5.2 2.0 4.3 3.3 .2 5.8 Rotor wk ² Inertia (Ib-ft ²) 20.46
ull Load 75.00 Load 56.25 Load 37.50 Load 18.75 o Load 18.75 o Load 0 ocked Rotor 0 Full Load (Ib-ft) 221 Safe Stall Time(s) Cold Hot 24 13 earings are the only recommended spare par loot options: roduct Family:Quarry lounting:Footed,Shaft: T Shaft	55.9 41.9 28.0 14.0 Locked (% Fl 21 Sound Pressure dB(A) @ 1M	65 54 40 30 24 59 Torque Rotor LT) 0	9 4 5 5 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	95.3 94.7 93.0 87.5 III Up FLT) 165 gs *	Bre: (%	85 82 74 53 4. 25 ak Down 6 FLT) 360 Approx. Mc	5.2 2.0 4.3 3.3 .2 5.8 Rotor wk ² Inertia (Ib-ft ²) 20.46
Load 56.25 Load 37.50 Load 18.75 o Load 18.75 o Load 0 bocked Rotor 18.75 Full Load (Ib-ft) 221 Safe Stall Time(s) Cold Hot 24 13 earings are the only recommended spare pare for Options: roduct Family:Quarry lounting:Footed,Shaft:T Shaft	41.9 28.0 14.0 Locked (% F] 21 Sound Pressure dB(A) @ 1M	54 4(30 24 59 Torque Rotor LT) 0	4) 8 5 Pu (% Bearin	94.7 93.0 87.5 III Up FLT) 165 gs*	Brea (%	82 74 53 4. 25 ak Down 6 FLT) 360 Approx. Mo	2.0 4.3 3.3 .2 5.8 Rotor wk ² Inertia (Ib-ft ²) 20.46 ptor Weight
Load 37.50 Load 18.75 o Load 18.75 o Load 0 ocked Rotor 0 Full Load 10 (Ib-ft) 221 Cold Hot 24 13 earings are the only recommended spare par otor Options: roduct Family:Quarry lounting:Footed.Shaft:T Shaft	28.0 14.0 Locked (% Fl 21 Sound Pressure dB(A) @ 1M	4(30 24 59 Torque Rotor LT) 0) .8 5 Pu (% Bearin	93.0 87.5 III Up FLT) 165 gs*	Bre: (%	74 53 4. 25 ak Down 6 FLT) 360 Approx. Mo	4.3 3.3 .2 5.8 Rotor wk ² Inertia (Ib-ft ²) 20.46 ptor Weight
Load 18.75 o Load 18.75 ocked Rotor 18.75 Full Load 18.75 (Ib-ft) 221 Safe Stall Time(s) 221 Cold Hot 24 13 earings are the only recommended spare par otor Options: roduct Family:Quarry lounting:Footed,Shaft:T Shaft	14.0 Locked (% Fl 21 Sound Pressure dB(A) @ 1M	30 24 59 Torque Rotor LT) 0 DE) 8 5 Pu (% Bearin	87.5 III Up FLT) 165 gs*	Bre: (%	53 4. 25 ak Down 6 FLT) 360 Approx. Mc	Rotor wk ^a Inertia (Ib-ft ²) 20.46
Full Load ocked Rotor Full Load (lb-ft) 221 Safe Stall Time(s) Cold Hot 24 13 tearings are the only recommended spare par fortor Options: roduct Family:Quarry lounting:Footed,Shaft:T Shaft	Locked (% F 21 Sound Pressure dB(A) @ 1M	24 59 Torque Rotor LT) 0 DE	8 5 Pu (% Bearin	III Up FLT) 165 gs*	Bre: (%	4. 25 ak Down % FLT) 360 Approx. Mc	.2 5.8 Rotor wk ² Inertia (Ib-ft ²) 20.46
Full Load (lb-ft) 221 Safe Stall Time(s) Cold Hot 24 13 Hearings are the only recommended spare pare Index of the only recommended spare	(% F 21) Sound Pressure dB(A) @ 1M	59 Torque Rotor LT) 0 DE	5 Pu (% Bearin	n FLT) 165 gs*	(%	25 ak Down % FLT) 360 Approx. Mc	5.8 Rotor wk ² Inertia (Ib-ft ²) 20.46
Full Load (lb-ft) 221 Safe Stall Time(s) Cold Hot 24 13 learings are the only recommended spare par fotor Options: roduct Family:Quarry founting:Footed,Shaft:T Shaft	(% F 21) Sound Pressure dB(A) @ 1M	Torque Rotor LT) 0 DE	e Pu (% Bearin	n FLT) 165 gs*	(%	ak Down % FLT) 360 Approx. Mo	Rotor wk ² Inertia (Ib-ft²) 20.46
Cold Hot 24 13 earings are the only recommended spare par otor Options: roduct Family:Quarry lounting:Footed,Shaft:T Shaft	Pressure dB(A) @ 1M		E	-			-
24 13 learings are the only recommended spare par lotor Options: rroduct Family:Quarry founting:Footed,Shaft:T Shaft	dB(A) @ 1M		E	-			-
earings are the only recommended spare par lotor Options: roduct Family:Quarry founting:Footed,Shaft:T Shaft	rt(s).	6312	ZC3				
lotor Options: roduct Family:Quarry /ounting:Footed,Shaft:T Shaft	rt(s).						
ustomer							
ustomer PO							
ales Order roject #							
ag:							
characteristics are average expected values							
		NATIONAL CO		HOUSTON, TEX			
Engineering bmamn Engr. Date 2/27/20			Doc. Written By	D. Suarez		Doc.#/Rev	MPCF-1119 / 0



kW

55 IP

55 Rotor wk²

Inertia

(lb-ft²)

20.46

Model: 0754QDAC41A-P

HP

75

Enclosure TEFC

Locked Rotor

Amps

595

400

320

(%) anbjog 160

80

ᅆ

Torque

			Issued Date	6/28/202		Transmit #	
			Issued By	dschoed	:k	Issued Rev	
>> >							
	S	PEED TORQ	UE/CURREN	T CURVE			
C41A-	P						
04177	•						
	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	4	1780	365T	575	60	3	69
	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	F	1.25	CONT	95.4	A		40 C
/k²	-			Torque			
ιĒ	Full Load	Locked		Pull Up)	Break	
)	(lb-ft)	(%		(%)		(%	
	221	21	0	165		36	0
							60
•							Current (%)
							90
	20	40		i0	80	100	
		Synch	ronous Speed	l (%)			
urrer	-+						

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

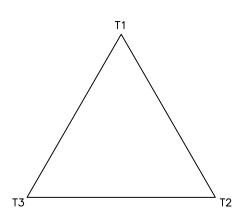
Tag:

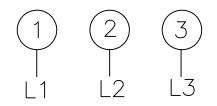
All characteristics are average expected values.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0			
Engr. Date	2/27/2019	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.

				Issued Date:	6/28/20)24	Transmit #:	
TOSHIBA				Issued By:	dschoeck		Issued Rev:	
	novation >>>	•	SPAR	E PARTS LIS	T *			
Model	: 0754QDAC41	A-P						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
75	55	4	1780	365T	575	60	3	69
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.25	CONT	95.4	A		40 C
				•				
Bearings DE	6312ZC3 / 60	BC03JP3OX						
Bearings NDE	1							

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

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 aver	rage expected values.				
	TOSHIBA INTEI	RNATIONAL CORPORATION · HO	USTON, TEXAS U.S.A		
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 0
Engr. Date	2/27/2019	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011