

## Unit:Metric [ ] reference dimension

UNITS: INCHES		NDTES:
RUTATION FROM NDE		1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° INCREMENTS
		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION
		A∨AILABLE DNLY BY CONNECTION CHANGE.
		3. KEY DIMENSIONS EQUAL 0.375"X0.375"X2.875" (MOTOR SUPPLIED WITH KEY)
T⊡SHIBA RESERVES THE RIGHT T⊡ MAKE CHANGE	S OF TECHNICAL IMPROVEMENT AND THE	DATA MAY CHANGE WITHOUT NOTICE PRELIMINARY
DO NOT USE FOR CONSTRUCTION, INSTALLATION, D	JR APPLICATION PURPOSES UNLESS THE D	RAWING IS MARKED AS CERTIFIED X CERTIFIED
STYERE DUTY	TOTALLY ENCLOSED FAN COOLED	DRAWING #: MDSLV118-01
IUSHIBA ECPERATOR	HORIZONTAL FOOT MOUNT	REV. DATE: 05/22/19 REV. #:00 PER.: L.LIAN
www.toshiba.com/tic	3 PHASE INDUCTION MOTOR	REV. DESCRIP.: FIRST ISSUE
TOSHIBA INTERNATIONAL CORPORATION	254T-256T F1ASSEMBLY	



		Issued Date	12/12/20	)24	Transmit #	
		Issued By	dschoe	ck	Issued Rev	
ТҮР	ICAL MOTOF		ANCE DATA			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	<b>FL RPM</b> 1770	Frame 254T	Voltage 575	<b>Hz</b> 60	Phase 3	<b>FL Amps</b> 16.2
ISS						

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	4	1770	254T	575	60	3	16.2
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.25	CONT	92.4	B	G	40 C
bad	НР	kW	Ampe	eres	Efficiency	r (%)	Power Fa	actor (%)
ull Load	15.00	11.2	16		92.5	<b>、</b>		5.1
Load	11.25	8.4	12	.9	91.7		71	1.0
2 Load	7.50	5.6	10	.1	89.5			2.0
4 Load	3.75	2.8	8.	1	82.1		42	2.2
lo Load		1	7.	8			4	.7
ocked Rotor		-	93					5.7
Full Load (lb-ft) 44.5			FLT) 30		•		reak Down Ind (% FLT) (lb 265 2	
Safe Stall	Time(s)	Sound Pressure		Bearin	ıgs*		Approx. Mo	otor Weight
Cold	Hot	dB(A) @ 1M	DI		NDE		(lbs)	
35 Bearings are the only r	15 ecommended spare	- e part(s).	63092	ZZC3	6309ZZ	C3		
35 Bearings are the only re <b>Notor Options:</b> Product Family:Qua Mounting:Footed,S Motor Specification	ecommended spare arry haft:T Shaft		63092	22C3	6309ZZ	C3		
Bearings are the only re Motor Options: Product Family:Qua Mounting:Footed,S Motor Specification Customer	ecommended spare arry haft:T Shaft		63092		6309ZZ	C3		
Bearings are the only re Motor Options: Product Family:Qua Mounting:Footed,S Motor Specification Motor Specification Customer Customer PO	ecommended spare arry haft:T Shaft		63092	22C3	6309ZZ	C3		
Bearings are the only re Totor Options: Product Family:Qua Mounting:Footed,S Motor Specification Customer Customer PO Sales Order	ecommended spare arry haft:T Shaft		63092	22C3	6309ZZ	C3		
Bearings are the only re Totor Options: Product Family:Qua Aounting:Footed,S Aotor Specification Sustomer Fustomer PO ales Order roject #	ecommended spare arry haft:T Shaft		63092	22C3	6309ZZ	C3		
Bearings are the only re Product Family:Qua Aounting:Footed,S Motor Specification Customer Customer PO Cales Order Project # Tag:	ecommended spare	e part(s).						
Bearings are the only re Totor Options: Product Family:Qua Mounting:Footed,S Motor Specification Motor Specification Sustomer Sustomer PO	ecommended spare	e part(s).			HOUSTON, TEX	AS U.S.A.	Doc.# / Rev	MPCF-1119 / 0



HP

15

Enclosure

TEFC

Locked Rotor

Amps

93

Model: 0154QDAC41A-P

kW

11

IP

55

Rotor wk<sup>2</sup>

Inertia

(lb-ft<sup>2</sup>)

2.32

Pole

4

Ins. Class

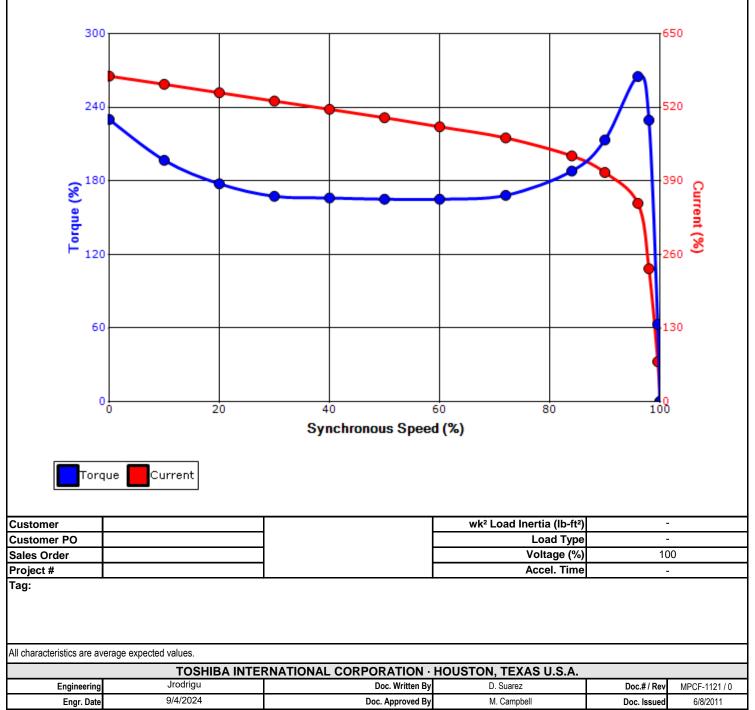
F

Full Load

(lb-ft)

44.5

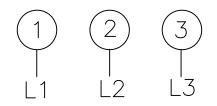
	Issued Date	10/10/00			
		12/12/202	Transmit #		
	Issued By	dschoed	k	Issued Rev	
PEED TORQ	UE/CURREN	IT CURVE			
FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1770	254T	575	60	3	16.2
S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
1.25	CONT	92.4	В	G	40 C
		Torque			
		Pull Up (%)		Break (%	
230 165 265					35
Des	sign Valu	es			50
	FL RPM 1770 S.F. 1.25 Locked (% 23	FL RPM Frame   1770 254T   S.F. Duty   1.25 CONT   Locked Rotor (%)   230 230	1770 254T 575   S.F. Duty NEMA Nom. Eff.   1.25 CONT 92.4   Torque   Locked Rotor Pull Up (%)	FL RPM Frame Voltage Hz   1770 254T 575 60   S.F. Duty NEMA Nom. Eff. NEMA Design   1.25 CONT 92.4 B   Torque   Locked Rotor Pull Up (%) Q%)   230 165 165	FL RPM Frame Voltage Hz Phase   1770 254T 575 60 3   S.F. Duty NEMA Nom. Eff. NEMA Design kVA Code   1.25 CONT 92.4 B G   Torque   Locked Rotor Pull Up Break (%) (%) (%) (%)   230 165 26



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				Issued Date:	12/12/2	024	Transmit #:	
			Г		dschoeck		Issued Rev:	
	novation >>>	•	SPAR	E PARTS LIS	Τ*			
Model	: 0154QDAC41	A-P						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	4	1770	254T	575	60	3	16.2
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.25	CONT	92.4	В	G	40 C
	•	•		•				
Bearings DE	6309ZZC3 / 4	5BC03JPP3OX						
Bearings NDE	6309ZZC3 / 4	5BC03JPP3OX						

\*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 av	erage expected values.							
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	Jrodrigu	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 0			
Engr. Date	9/4/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			