

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	



Pole

6

Ins. Class

F

kW

7.5

5.6

3.7

1.9

Sound Pressure

dB(A) @ 1M

-

Model: 0106QDAB41A-P

kW

7.5

IP

55

ΗP

10.00

7.50

5.00

2.50

Hot

15

HP

10

Enclosure

TEFC

Load

Full Load

3/4 Load

1/2 Load

1/4 Load No Load Locked Rotor

	Issued Date	12/12/20		Transmit #		
ICAL MOTOF	Issued By	dschoed	:K	Issued Rev		
FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
1170	256T	460	60	3	13.4	
S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)	
1.25	CONT	91.0	В	Н	40 C	
13	.4	91.2	(%)	76.	4	
		90.6				
-	-			-	-	
-		82.7		-	-	
d Rotor	Pul	•		-	Rotor wk ^a Inertia (Ib-ft²)	
95	1	85		345	2.65	
	Bearing	S*		Approx. Mo	tor Weight	
DE		NDE		(lbs	5)	
	6309ZZC3		6309ZZC3			
	FL RPM 1170 S.F. 1.25 Ampe 13 10 8. 5. 6. 81	FL RPM Frame 1170 256T S.F. Duty 1.25 CONT Amperes 13.4 10.8 8.5 5.7 6.6 87 6.7 Torque d Rotor Pul FLT) (% I	Amperes Efficiency 13.4 91.2 10.8 90.6 8.5 88.5 5.7 82.7 6.6 87 Torque Pull Up (% FLT) 95 185	Amperes Efficiency (%) 13.4 91.2 10.8 90.6 8.5 88.5 5.7 82.7 6.6 87 Torque Pull Up Bread 10.8 90.6 87 91.0 91.0	FL RPM Frame Voltage Hz Phase 1170 256T 460 60 3 S.F. Duty NEMA Nom. Eff. NEMA Design KVA Code 1.25 CONT 91.0 B H Amperes Efficiency (%) Power Fa 13.4 91.2 76. 10.8 90.6 71. 8.5 88.5 61. 5.7 82.7 49. 6.6 44. 87 44. Torque Method Break Down (% FLT) (% FLT) 95 345	

Motor Options: Product Family:Quarry
Product Family:Quarry
Mounting:Footed,Shaft:T Shaft
Motor Specification:Quarry Duty

Full Load

(lb-ft)

44.9

Safe Stall Time(s)

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

Cold

30

Customer
Customer PO
Sales Order
Project #

Tag:

All characteristics are average expected values.

	TOSHIBA INTE	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	zxie	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1119 / 0
Engr. Date	7/15/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

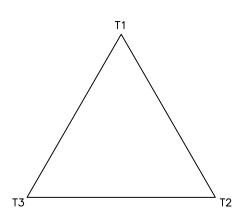


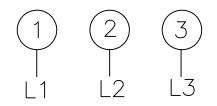
Leading Innovation >>> SPEED TORQUE/CURRENT CURVE Model: 0106QDAB41A-P HP kW Pole FL RPM Frame Voltage Hz Phase FL Am 10 7.5 6 1170 256T 460 60 3 13.4 Enclosure IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design KVA Code Ambia (°C)	TOSH	IBA			Issued Date Issued By	12/12/20 dschoe		Transmit # Issued Rev	
Image: Node: OLICODABLIAP. Image: Node: Image: Nod: Image: Node: Image: N			6						
HP KW Pole FL RPM Frame Voltage Hz Phase FL An 10 7.5 6 1170 2561 460 60 3 13. Enclosure IP Ins. Class S.F. Duty NEMA Non. Eff. NEMA Design KVA Code Ambi (°C TEFC 55 F 1.25 CONT 91.0 B H 400 ocked Rotor Amps Rotor vk² Inertia Inertia Locked Rotor Pull Up (°(b) Break Down (°(s)) B H 400 ocked Rotor Pull Up (°(b) Cox) Pull Up (°(b) Break Down (°(s)) B H 400 ocked Rotor Pull Up (°(b) Cox) Pull Up (°(b) Break Down (°(s)) B B 345 Design Values Design Values Design Values 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					UE/UUKKEN	I GURVE			
10 7.5 6 1170 256T 460 60 3 13. Enciosure IP Ins. Class S.F. Duty NEMA Non. Eff. NEMA Design NEMA More of the second secon	Model:	0106QDAB41A-	P						
Enclosure IP Ins. Class S.F. Duty NEMA Non. Eff. NEMA Design <									FL Am
Enclosure IP Ins. Class S.F. Duty Nom. Eff. Design kVA Code (*C TEFC 55 F 1.25 CONT 91.0 B H 400 ocked Rotor Amps Rotor wk ² Inertia Full Load Locked Rotor (%) (%) (%) (%) 87 2.65 44.9 295 185 345 Design Values $400 \frac{400}{320} \frac{44.9}{9} \frac{100}{150} \frac{100}{150$	10	7.5	6	1170	256T			3	
TEFC 55 F 1.25 CONT 91.0 B H 40 (bocked Rotor Amps Rotor wk ² Inertia (Ib-ft) Full Load (Ib-ft) Locked Rotor (%) Pull Up (%) Break Down (%) 87 2.65 44.9 295 185 345 Design Values 0 0 0 240 0 0 0 0 0 0 0 0 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <	Enclosure	IP	Ins. Class	S.F.	Duty			kVA Code	Ambie (°C)
Inertia (Ib-ft) Full Load (Ib-ft) Locked Rotor (%) Pull Up (%) Break Down (%) 87 2.65 44.9 295 185 345 Design Values	TEFC	55	F	1.25	CONT			Н	40 0
Amps Inferta (lb-ft) Full Load (lb-ft) Locked Rotor (%) Pull Up (%) Break Down (%) 87 2.65 44.9 295 185 345 Design Values	ocked Rotor				_				
87 2.65 44.9 295 185 345 Design Values							р		
Design Values									
	320 (%) anbio								510 Current (%)
		ue <mark>C</mark> urre	nt						
Torque Current			г			w/2 a a d	nortio /lb 4421		-
stomer wk² Load Inertia (Ib-ft²) -	stomer					wk ² Load I			
stomer O Load Type -	stomer Stomer PO				F	wk² Load I	Load Type		-
stomer wk² Load Inertia (Ib-ft²)	stomer stomer PO es Order					wk² Load I	Load Type Voltage (%)	10	- 00

	TOSHIBA INTER	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	zxie	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0
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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:	12/12/2	024	Transmit #:	
TOSH	IIBA			Issued By:	dschoe	eck	Issued Rev:	
	novation >>>	•	SPAR	E PARTS LIS	ſ*			
Model	: 0106QDAB41	A-P						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	6	1170	256T	460	60	3	13.4
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.25	CONT	91.0	В	Н	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 averag	e expected values.				
	TOSHIBA INTEI	RNATIONAL CORPORATION · F	IOUSTON, TEXAS U.S.A.		
Engineering	zxie	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0
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