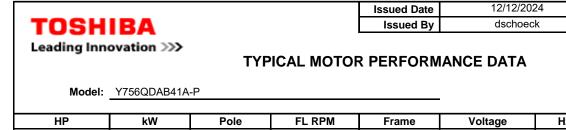


Unit:Metric [] reference dimension

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	



9/5/2024

Engr. Date

model.		<u></u>			-				
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
7.50	5.5	6	1170	254T	460	60	3	10.2	
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	
Load	HP	kW	Amp	eres	Efficiency	r (%)	Power F	actor (%)	
Full Load	7.50	5.6	10	0.2	91.1		7:	5.8	
¾ Load	5.62	4.2	8.	.2	90.4		7	0.4	
1/2 Load	3.75	2.8	6.	.6	87.9		6	0.4	
¼ Load	1.87	1.4	4.	.4	81.6		4:	3.4	
No Load			5.					.3	
Locked Rotor			6	3			4:	3.3	
Full L (Ib-1 33.	ft)	(%	d Rotor FLT) 70		ull Up 6 FLT) 185		ak Down 6 FLT) 315	Inertia (Ib-ft²) 2.16	
Safe Stall	Time(s)	Sound Pressure		Bearii	ngs*		Approx. M	otor Weight	
Cold	Hot	dB(A) @ 1M	D	E	NDE		(lbs)		
35	15	-	6309ZZC3 6309ZZC3		C3				
*Bearings are the only r Motor Options: Product Family:Qu Mounting:Footed,S Motor Specificatior	arry Shaft:T Shaft	part(s).							
Customer	1								
Customer PO	1								
Sales Order	1								
Project #	1								
Tag:									
All characteristics are a						AC 11 C A			
Engineering	SP	IOSHIBA IN I ER inzon	INATIONAL CC	DOC. Written By	HOUSTON, TEX	AS U.S.A.	Doc #/ Rev	MPCE-1119/0	

Doc. Approved By

M. Campbell

Transmit #

Issued Rev

Doc. Issued

6/8/2011



HP

7.50

Enclosure

TEFC

Locked Rotor

Amps

63

Model: Y756QDAB41A-P

kW

5.5

IP

55

Rotor wk²

Inertia

(lb-ft²)

2.16

Pole

6

Ins. Class

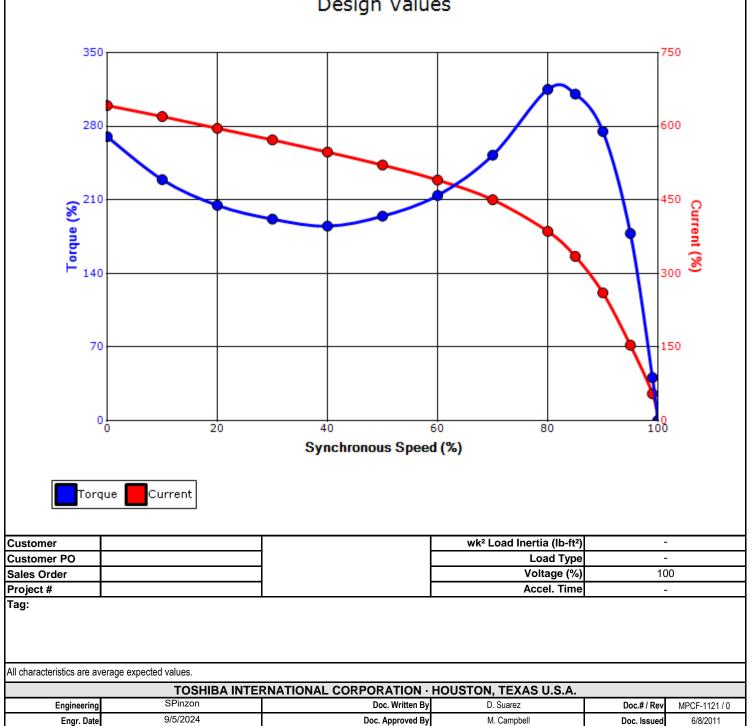
F

Full Load

(lb-ft)

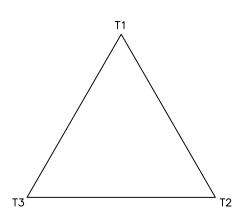
33.7

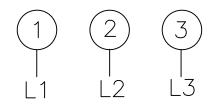
		Issued Date	12/12/202	24	Transmit #	
		Issued By	dschoeck		Issued Rev	
S	PEED TORQ	UE/CURREN	IT CURVE			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1170	254T	460	60	3	10.2
;	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.25	CONT	91.0	В	Н	40 C
			Torque			
	Locked Rotor		Pull Up		Break Down	
	(%		(%)			
	27	0	185		31	5
	Des	sign Value	es		7	50
-	•			,	6	00



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 #:	
TOSHIBA				Issued By:	dschoeck		Issued Rev:	
Leading Inn			SPAR	E PARTS LIS	Τ*			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
7.50	5.5	6	1170	254T	460	60	3	10.2
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
	1					•		
earings DE	6309ZZC3 / 4	I5BC03JPP3OX						

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

Bearings NDE

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.

6309ZZC3 / 45BC03JPP3OX

Customer								
Customer PO								
Sales Order								
Project #								
Tag:								
All characteristics are average expected values.								
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	SPinzon	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0			
Engr. Date	9/5/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			