

JNITS: INCHES		NOTES:	
ROTATION FROM NDE		1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° IN	ICREMENTS
		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOS AVAILABLE ONLY BY CONNECTION CHANGE.	ITE ROTATION
		3. KEY DIMENSIONS EQUAL 0.500"x 0.500"x 3.88"	(MOTOR SUPPLIED WITH KEY)
TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHN	IICAL IMPROVEMENT AND THE DATA MAY CHANGE V	VITHOUT NOTICE	PRELIMINARY
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICAT	ION PURPOSES UNLESS THE DRAWING IS MARKED AS	SCERTIFIED	X CERTIFIED
	TOTALLY ENCLOSED FAN COOLED	DRAWING #: MDSLV041-06	
	HORIZONTAL FOOT MOUNTED	REV. DATE: 07/10/18 REV. #: 2	PER.: M. O'DOWD
www.toshiba.com/tic	3 PHASE INDUCTION MOTOR	REV. DESCRIP.:	
TOSHIBA INTERNATIONAL CORPORATION	324T-326T F1 ASSEMBLY		



TYPICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

6/20/2025

dschoeck

Transmit #

Issued Rev

HP 25 Enclosure	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	18.5	8	880	326T	460	60	3	35
	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	90.2	B		40 C
IErc			1.15	CONT	90.2	D		40 C
ad	HP	kW	Ampe	eres	Efficienc	y (%)	Power Fa	actor (%)
III Load	25.00	18.6	34	1	92.3		73	3.3
Load	18.75	14.0	27		92.5			3.0
Load	12.50	9.3	22		91.4			7.3
Load	6.25	4.7	18.		85.9			6.8
lo Load ocked Rotor			17. 18					.7 3.1
			Torque					Rotor wk
Full Loa	d	Locked			l Up		ak Down	Inertia
(lb-ft) 149		(% F 27			FLT) 30	(%	% FLT) 245	(lb-ft²) 12.00
Cold 35	Hot 13	dB(A) @ 1M -	DE 6312		NDE 6312C		(Ib	os)
Notor Options: Product Family:EQP	Global 840 aft:T Shaft							
Mounting:Footed,Sha								
Aounting:Footed,Sha								
Nounting:Footed,Sha								
ustomer ustomer PO ales Order								
ustomer ustomer PO ales Order for the second								
ustomer ustomer PO ales Order roject # ag:								
/lounting:Footed,Sha		Ilues. TOSHIBA INTER Ierrettaz	NATIONAL CO	RPORATION · H Doc. Written By	IOUSTON, TEX D. Suarez		Doc.#/Rev	MPCF-1119 /



HP

20

Enclosure

TEFC

Load

Full Load

3/4 Load

1⁄₂ Load

1/4 Load No Load

Locked Rotor

Model: 0258XSSB41A-P

kW

15

IP

56

HP

20.00

15.00

10.00

5.00

Pole

8

Ins. Class

F

kW

14.9

11.2

7.5

3.7

		Issued Date	6/20/20	25	Transmit #	
		Issued By	dschoe	ck	Issued Rev	
TYPI	CAL MOTOR	R PERFORM	ANCE DATA			
•	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	730	326T	380	50	3	34
SS	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.0	CONT	89.6	В		40 C
	Amp	eres	Efficiency	y (%)	Power Fa	actor (%)
	3		91.1		73	
	2	7	91.4		67	.7
	2	2	90.4		56	.9
	18	.3	84.5		36	.6
	17	.0			3.	9

48.5

	Torque	•		Rotor wk ²
Full Load	Locked Rotor	Pull Up	Break Down	Inertia
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)
144	255	185	230	12.00

183

Safe Stall	Time(s)	Sound	Bearin	NGC*	Approx. Motor Weight
Cold	Hot	Pressure	Dealin	iys	Approx. Motor Weight
Colu	not	dB(A) @ 1M	DE	NDE	(lbs)
35	15	-	6312C3	6312C3	

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

Motor Options: Product Family:EQP Global 840

Mounting:Footed,Shaft:T Shaft

Engr. Date

Customer **Customer PO** Sales Order Project # Tag:

All characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering aguerrettaz Doc. Written By D. Suarez Doc.# / Rev MPCF-1119/0 3/7/2019

Doc. Approved By

M. Campbell

Doc. Issued

6/8/2011

				Issued Date	6/20/20		Transmit #	
TOSH				Issued By	dschoe	UN	Issued Rev	
Leading Inn	ovation >>>	S			T CURVE			
Model:	0258XSSB41A-	P						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
25	18.5	8	880	326T	460	60	3	35
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	90.2	В		40 C
ocked Rotor	Rotor wk ² Inertia	Full Load	Locked	Botor	Torque Pull U	<u> </u>	Break	Down
Amps	(lb-ft ²)	(lb-ft)		6)	(%)	þ	break (%	
182	12.00	149	27		230		24	
280 (%) enbuo 140							~	¹⁹⁰ Current (%)
7(30
	0	20	40	6	0	80	100	
	0	20			(0/)			
	0	20		ronous Speed	(%))
Tord					(%))
Toro						nertia (Ib-ff²)		
_						nertia (Ib-ft²) Load Type		

Tag:

Project #

All characteristics are average expected values.

	TOSHIBA INTEI	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	aguerrettaz	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0
Engr. Date	3/1/2019	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

Accel. Time



HP

20

Enclosure

TEFC

Locked Rotor

Amps

183

300

240

Model: 0258XSSB41A-P

kW

15

IP

56

Rotor wk²

Inertia

(lb-ft²)

12.00

Pole

8

Ins. Class

F

Full Load

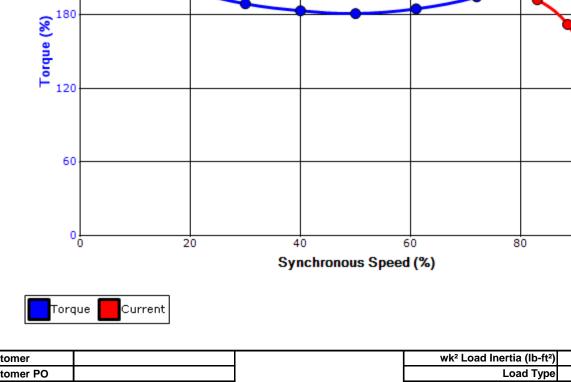
(lb-ft)

144

		Issued Date	6/20/202	-	Transmit #		
		Issued By	dschoed	ck	Issued Rev		
SI	PEED TORQ	UE/CURREN	IT CURVE				
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
	730	326T	380	50	3	34	
	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)	
	1.0	CONT	89.6	В		40 C	
			Torque				
ĺ	Locked		Pull U)	Break		
l	(%		(%)		(%		
l	25	5	185		230		
					6	00	
_	-				4	80	
					`		
-							
						60	
		•				60 <u>2</u>	
		•				60 Curre	
						⁶⁰ Current (%)	

120

100



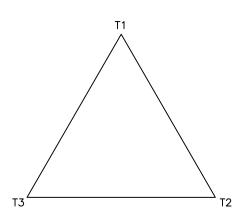
Customer	wk ² Load Inertia (lb-ft ²)	-
Customer PO	Load Type	-
Sales Order	Voltage (%)	100
Project #	Accel. Time	-
Tag:		

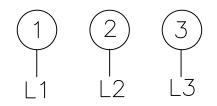
All characteristics are average expected values.

	TOSHIBA INTEI	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	aguerrettaz	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	3/7/2019	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:	6/20/20	25	Transmit #:	
TOSH	IBA			Issued By:	dschoe	eck	Issued Rev:	
Leading Inno	ovation >>>		SPARE	E PARTS LIS	ST*			
Model:	0258XSSB41A	λ-P						
HP Model:	0258XSSB41A	A-P Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
			FL RPM 880	Frame 326T	Voltage 460	Hz 60	Phase 3	FL Amps 35
HP	kW	Pole			<u> </u>			

Bearings NDE 6312	12C3 / 60BC03J3OX

*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 average expected values.					
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.					
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