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TYPICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

6/20/2025

dschoeck

Transmit #

Issued Rev

			51 5514	-		1	Di la	
НР 2	kW 1.5	Pole 8	FL RPM 865	Frame 213T	Voltage 460	Hz 60	Phase 3	FL Amps 3.0
					NEMA	NEMA	-	Ambient
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	kVA Code	(°C)
TEFC	56	F	1.15	CONT	84.0	В		40 C
oad	HP	kW	Ampe	eres	Efficiency	/ (%)	Power F	actor (%)
ull Load	2.00	1.5	3.		85.9			1.8
Load	1.50	1.1	2.		85.9			5.0
Load	1.00	0.7	2.		83.5			3.2
Load	0.50	0.4	1.		76.3			9.5
lo Load ocked Rotor			1. 15					.8 5.0
		-	Torque			-		Rotor wk ²
Full Lo			d Rotor		ull Up		ak Down	Inertia
(lb-ft 12.1			FLT) 85		5 FLT) 170	(%	% FLT) 235	(lb-ft ²) 1.00
			DE NDE				(lbs)	
35	15	dB(A) @ 1M -	63082		6308ZZ	C3	(18	os)
35 Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sf	ecommended span	-				C3	(os)
Bearings are the only re Notor Options: Product Family:EQF	ecommended span	-				C3		os)
Bearings are the only re Product Family:EQF Nounting:Footed,Sf	ecommended span	-				C3		os)
Bearings are the only re Totor Options: Product Family:EQF Nounting:Footed,Sh Sustomer Sustomer PO	ecommended span	-				C3		os)
learings are the only re lotor Options: roduct Family:EQF founting:Footed,Sf ustomer ustomer ales Order	ecommended span	-				C3)S)
Bearings are the only re Totor Options: Product Family:EQF Aounting:Footed,Sh Aounting:Footed,Sh Sustomer Sustomer PO Sales Order Project #	ecommended span	-				C3)
earings are the only re roduct Family:EQF founting:Footed,Sf ustomer ustomer PO ales Order roject # ag:	P Global 840 haft:T Shaft	e part(s).				C3		os)
Bearings are the only re Totor Options: Troduct Family:EQF Aounting:Footed,Sh ustomer ustomer PO ales Order roject # ag: I characteristics are av	ecommended span	e part(s).	63082	RPORATION ·	6308ZZ	AS U.S.A.		
Bearings are the only re Notor Options: Product Family:EQF	ecommended span	e part(s).	63082	22C3	6308ZZ	AS U.S.A.	(It	MPCF-1119 / 0



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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1.50	1.1	8	720	213T	380	50	3	2.9
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.0	CONT	77.7	В		40 C
oad	HP	kW	Ampe	eres	Efficiency	/ (%)	Power F	actor (%)
ull Load	1.50	1.1	2.	9	83.8		70).5
4 Load	1.13	0.8	2.		83.8			3.3
2 Load	0.75	0.6	2.		81.0			1.3
4 Load	0.38	0.3	1.	8	70.5		33	3.4
lo Load			1.					.3
ocked Rotor			14	.5			51	1.0
Full L	oad	Locked	Torque I Rotor		ll Up	Brea	ak Down	Rotor wk² Inertia
(lb-f	t)	(% F	LT)	(%	FLT)	(%	6 FLT)	(lb-ft²)
10.		2'			175		240	1.00
35	15	dB(A) @ 1M -	DE 63082		NDE 6308ZZ		(lk	,3)
Motor Options: Product Family:EQ Mounting:Footed,S	P Global 840 haft:T Shaft							
Notor Options: Product Family:EQ Mounting:Footed,S Customer Customer PO Sales Order	P Global 840 haft:T Shaft							
Mounting:Footed,S Customer Customer PO Sales Order	P Global 840 haft:T Shaft							
Mounting:Footed,S	P Global 840 haft:T Shaft							
ustomer ustomer PO ales Order roject # ag:	haft:T Shaft							
International and the second state of the seco	haft:T Shaft	TOSHIBA INTER	NATIONAL CO					
Mounting:Footed,S Customer Customer PO Sales Order Project # Tag: Il characteristics are av Engineering	haft:T Shaft	TOSHIBA INTER errettaz	NATIONAL CO	Doc. Written By	D. Suarez		Doc.#/Rev	
Mounting:Footed,S Customer Customer PO Sales Order Project # Tag:	haft:T Shaft	TOSHIBA INTER	NATIONAL CO				Doc.# / Rev Doc. Issued	



HP

2

Enclosure

TEFC

Locked Rotor

Amps

15.4

300

240

Model: 0028XSSB41A-P

kW

1.5

IP

56

Rotor wk²

Inertia

(lb-ft²)

1.00

		Issued Date	6/20/2025		Transmit #	
		Issued By	dschoeck		Issued Rev	
		· · · · ·				
SF	PEED TORQ	UE/CURREN	T CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
8	865	213T	460	60	3	3.0
Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.15	CONT	84.0	В		40 C
			Torque			
Full Load	Locked	Rotor	Pull U	р	Break	Down
(lb-ft)	(%		(%)		(%)	
12.1	18	5	170		23	5
	Des	sign Value	es			
	Des	sign Value	es		6	00
	Des	sign Value	es			00 80
	Des	sign Value	es		4	80
	Des	sign Value	es		4	80
	Des	sign Value	es		4	80
	Des	sign Value	es		4	80

120

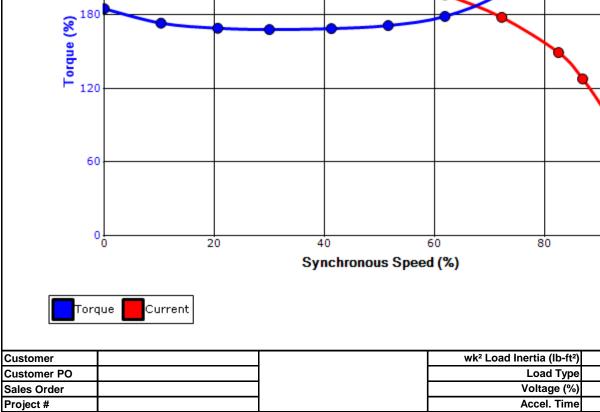
108

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-

100

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Tag:

All characteristics are average expected values.

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Engineering	aguerrettaz	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			



HP

1.50

Enclosure

TEFC

Locked Rotor

Amps

14.5

300

240

Model: 0028XSSB41A-P

kW

1.1

IP

56

Rotor wk²

Inertia

(lb-ft²)

1.00

Pole

8

Ins. Class

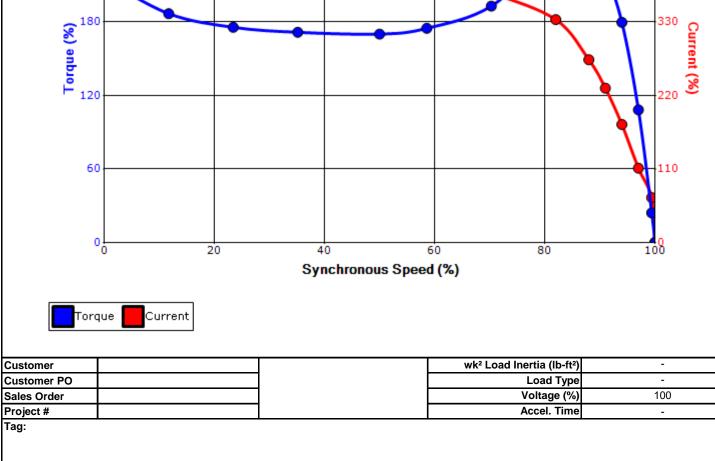
F

Full Load

(lb-ft)

10.9

		Issued Date	6/20/202		Transmit #	
		Issued By	dschoed	:k	Issued Rev	
SI		UE/CURREN	T CURVE			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	720	213T	380	50	3	2.9
	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.0	CONT	77.7	В		40 C
			Torque			
Ţ	Locked		Pull Up)	Break	
	(%		(%)		(%)	
	21	5	175		24	0
					5	50
					4	40
					٦	40 30 Current (9

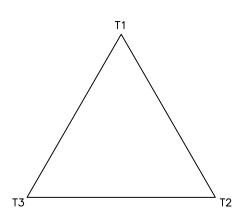


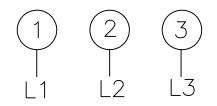
All characteristics are average expected values.

TOSHIBA INTERNATIONAL 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		dschoeck		Issued Rev:	
Leading Inr	0028XSSB41		SPAR	E PARTS LIS	T*			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	1.5	8	865	213T	460	60	3	3.0
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	84.0	В		40 C
	- -							
Bearings DE	6308ZZC3 / 4	0BC03JPP3OX						

*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.

6308ZZC3 / 40BC03JPP3OX

Customer					
Customer PO					
Sales Order					
Project #					
Tag:					
All characteristics are ave	erage expected values.				
	TOSHIBA INTE	RNATIONAL CORPORATION · F	HOUSTON, TEXAS U.S.A.		
Engineering	aguerrettaz	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