

UNITS: INCHES		NOTES:	
ROTATION FROM NDE		1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° II	NCREMENTS
		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOS AVAILABLE ONLY BY CONNECTION CHANGE.	SITE 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	NICAL IMPROVEMENT AND THE DATA MAY CHAN	GE WITHOUT NOTICE	PRELIMINARY
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICAT	ION PURPOSES UNLESS THE DRAWING IS MARKE	D AS CERTIFIED	X CERTIFIED
	TOTALLY ENCLOSED FAN COOLED	DRAWING #: MDSLV001-06	
	HORIZONTAL FOOT MOUNTED	REV. DATE: 07/09/18 REV. #: 2	PER.: M. O'DOWD
www.toshiba.com/tic	3 PHASE INDUCTION MOTOR	REV. DESCRIP.:	
TOSHIBA INTERNATIONAL CORPORATION	324T-326T F1 ASSEMBL	Y	



	Issued Date	6/19/20			
	Issued By	dschoeck		Issued Rev	
ото	R PERFORM	ANCE DATA			
M	Frame	Voltage	Hz	Phase	FL Amps
	Frame 324T	Voltage 230/460	Hz 60	Phase 3	FL Amps 56/28
PM					-

TYPICAL M

Model: 0208SDSR41A-P

woder:	0208SDSR41/	A-P						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
20	15	8	875	324T	230/460	60	3	56/28
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	90.2	В		40 C
	Цр	1-14/	Ampe	2705	Efficiency	(9/)	Power F	actor (%)
Load	HP 20.00	kW 14.9	27		91.8	(70)		3.3
Full Load	15.00	14.9	22		91.0			3.3 3.3
¼ Load ∕₂ Load	10.00	7.5	17		91.0			7.8
⁷² Load	5.00	3.7	14		85.2			
No Load	0.00	•	13					.9
Locked Rotor			14					.9 7.8
Full Lc (Ib-fi 120	t)	(%	Torque d Rotor FLT) 255	Pu (%	ill Up 5 FLT) 210		ak Down % FLT) 225	Rotor wk ² Inertia (Ib-ft ²) 10.99
Safe Stall ⁻ Cold	Гіme(s) Hot	Sound Pressure dB(A) @ 1M	DE	Bearin	gs* NDE		Approx. Mo	otor Weight
35	15	-	6312		6312ZC	23	(11	
*Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sf	P Global SD							
Customer Customer PO								
Sales Order								
Project #								
Tag:								
All characteristics are av								
1			RNATIONAL CO		HOUSTON, TEX			
Engineering		errettaz		Doc. Written By			Doc.# / Rev	
Engr. Date	2/2	27/2019		Doc. Approved By	M. Campb	ell	Doc. Issued	6/8/2011



		Issued Date		6/19/2025 Transr		
		Issued By	dschoeck		Issued Rev	
TYP	ICAL MOTOF	R PERFORM	ANCE DATA			
•	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	730	324T	190/380	50	3	52/26
ass	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.0	CONT	88.6	В		40 C
	Ampe	eres	Efficiency	(%)	Power Fa	actor (%)
	Ampo 2		Efficiency 90.7	(%)		actor (%) 2.3
	2:	5 1	90.7 91.0	(%)	72 66	2.3 5.6
	2: 2: 17	5 1 .0	90.7 91.0 89.6	(%)	72 66 55	2.3 5.6 5.6
	2: 2: 17 12	5 1 .0 .6	90.7 91.0	(%)	72 66 55 39	2.3 3.6 5.6 9.9
	2: 2: 17 12 13	5 1 .0 .6 .4	90.7 91.0 89.6	(%)	72 66 55 39 4.	2.3 5.6 5.6 9.9 2
V .2 4	2	5	90.7	(%)	72	2.3
2	2: 2: 17 12	5 1 .0 .6 .4	90.7 91.0 89.6	(%)	72 66 55 39 4.	2.3 5.6 5.6 9.9
2 4 6 8	2: 2: 17 12 13	5 1 .0 .6 .4 1	90.7 91.0 89.6		72 66 55 39 4.	2.3 5.6 5.6 9.9

Model: 0208SDSR41A-P

kW

Pole

HP

15	11	8	730	324T	190/380	50	3	52/26
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0	CONT	88.6	B		40 C
oad	HP	kW	Amp	peres	Efficiency	(%)	Power Fa	actor (%)
ull Load	15.00	11.2		25	90.7		72	
Load	11.25	8.4		21	91.0		66	.6
Load	7.50	5.6		7.0	89.6		55	
Load	3.75	2.8		2.6	84.2		39	
lo Load ocked Rotor	_	_		3.4 41			4. 49	
Full L (Ib-1		Locked (% F		Ρι	ull Up 5 FLT)		ak Down % FLT)	Rotor wk Inertia (Ib-ft²)
10		26			225		235	10.99
Safe Stall Cold	Hot	Sound Pressure dB(A) @ 1M	0	Bearin	-		Approx. Motor Weigh (Ibs)	
				DE NDE		ui)	<i>•</i> ,	
35 Bearings are the only r Motor Options: Product Family:FQ		- re part(s).		2ZC3	6312ZC	23	ui)	
Bearings are the only r Notor Options: Product Family:EQ	recommended spar						ui)	
Bearings are the only r Iotor Options: Product Family:EQ Nounting:Footed,S	recommended spar							
Bearings are the only r Totor Options: Product Family:EQ Mounting:Footed,S Customer Customer PO	recommended spar							
Bearings are the only r	recommended spar							
Bearings are the only r Notor Options: Product Family:EQ Mounting:Footed,S Customer Customer PO Sales Order Project # Tag:	P Global SD haft:T Shaft	e part(s).						
Bearings are the only r Notor Options: Product Family:EQ Mounting:Footed,S Customer Customer PO Sales Order Project # Tag:	P Global SD haft:T Shaft	e part(s).	631:	2ZC3	6312ZC			
Bearings are the only r Motor Options: Product Family:EQ Mounting:Footed,S Customer Customer PO Sales Order	P Global SD haft:T Shaft	e part(s).	631:	2ZC3	6312ZC	AS U.S.A.	Doc.# / Rev	MPCF-1119 / 0



ΗP

20

Enclosure

TEFC

Locked Rotor

Amps

145

Model: 0208SDSR41A-P

kW

15

IP

55

Rotor wk²

Inertia

(lb-ft²)

10.99

Pole

8

Ins. Class

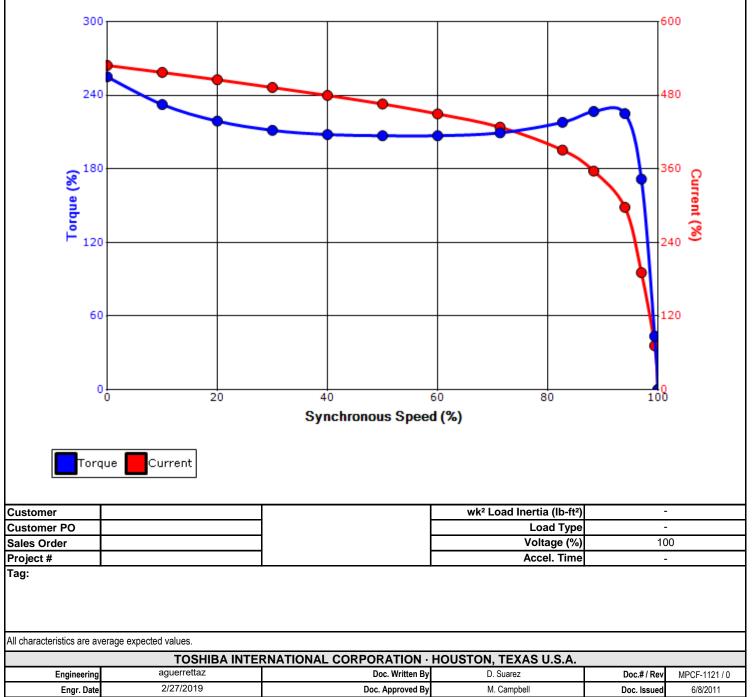
F

Full Load

(lb-ft)

120

		Issued Date 6/19/2025		Transmit #		
		Issued By	dschoed	ck	Issued Rev	
SI	PEED TORQ	UE/CURREN	T CURVE			
T	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	875	324T	230/460	60	3	56/28
	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.15	CONT	90.2	В		40 C
			Torque			
	Locked		Pull U	0	Break	
$ \rightarrow $	(%		(%)		(%	
	25	5	210		22	5
	Des	sign Value	25			
					6	00
						00





ΗP

15

Enclosure

TEFC

Locked Rotor

Amps

141

300

Model: 0208SDSR41A-P

kW

11

IP

55

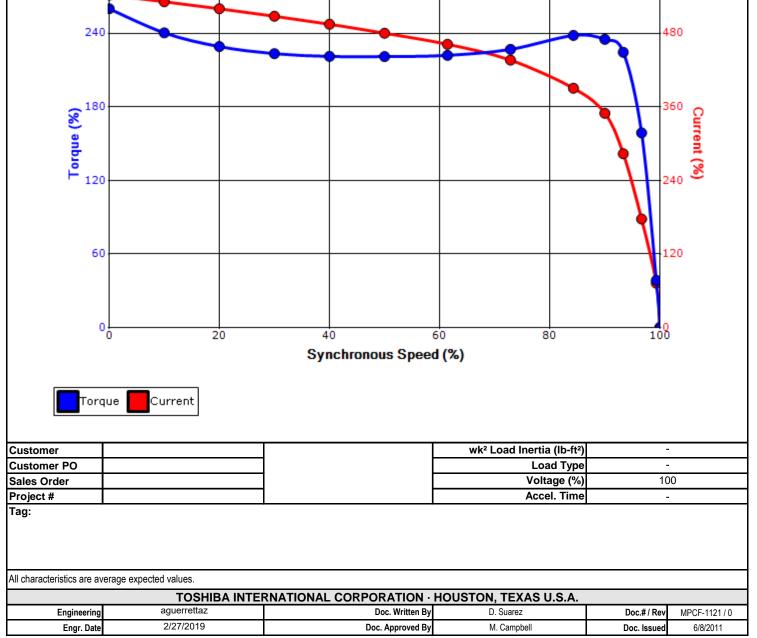
Rotor wk²

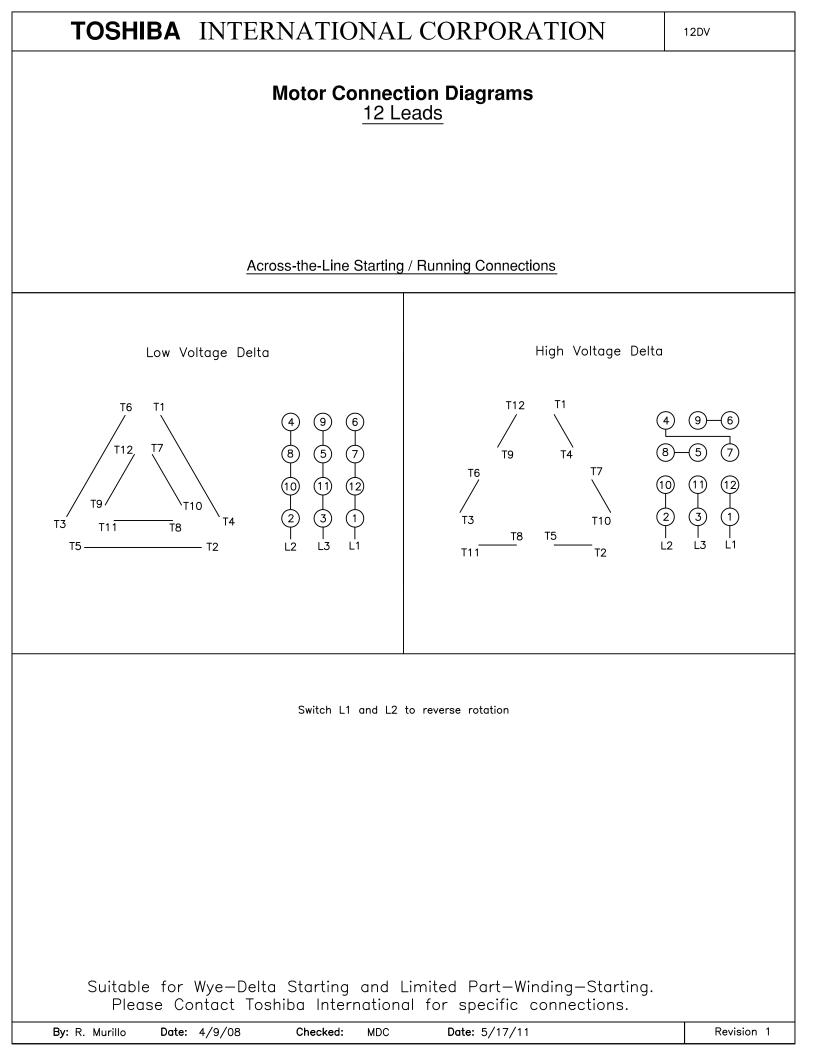
Inertia

(lb-ft²)

10.99

		I	0/10/00	05	I	
		Issued Date	6/19/20		Transmit #	
		Issued By	dschoe	ck	Issued Rev	
S	PEED TORQ	UE/CURREN	T CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
8	730	324T	190/380	50	3	52/26
Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.0	CONT	88.6	В		40 C
			Torque			
Full Load	Locked		Pull U	р	Break	
(lb-ft)	(%		(%)		(%	
108	26	0	225		23	5
		sign Value				00
						00 80
			es *		~~~	80
					~~~	⁶⁰ Current (%





тозн	IIBA			Issued Date: Issued By:	6/19/20 dschoe	-	Transmit #: Issued Rev:	
2	novation >>>>		SPARI	E PARTS LIS	T*			
Model	. 02003D3R41							
НР	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
			FL RPM 875	Frame 324T	Voltage 230/460	Hz 60	Phase 3	FL Amps 56/28
HP	kW	Pole						

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

Bearings NDE

6312ZC3 / 60BC03JP3OX

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	verage expected values.				
	TOSHIBA INTEI	RNATIONAL CORPORATION ·	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