

DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED

X CERTIFIED



FOSHIBA	INTERNATIONAL	CORPORATION
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TOTALLY ENCLOSED FAN COOLED		DRAWING #:	MDSLV001-	-07			
HORIZONTAL F	OOT MOUNTED	REV. DATE:	07/11/18	REV. #:	2	PER.: M. O'DOWD	
3 PHASE INDU	ICTION MOTOR	REV. DESCRIP.:					
364T-365T	F1 ASSEMBLY	_					



Leading Innovation >>>

TYPICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

6/19/2025

dschoeck

Transmit #

Issued Rev

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
30	22	8	880	364T	230/460	60	3	82/41
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA	kVA Code	Ambient
TEFC	55	F	1.15	CONT	91.7	Design B		(° C) 40 C
TEFC	55	Г	1.15	CONT	91.7	В		40 C
oad	HP	kW	Ampe	eres	Efficiency	/ (%)	Power Fa	actor (%)
ull Load	30.00	22.4	4		92.3			3.8
4 Load	22.50	16.8	3:	3	92.1		67	7.9
∕₂ Load	15.00	11.2	2	7	90.6		56	6.6
4 Load	7.50	5.6	2:	3	85.0		35	5.8
No Load			19					.9
ocked Rotor			21	7			33	3.8
			Torque					Rotor wk ²
Full Lo			d Rotor		ull Up		ak Down	Inertia
(lb-ft) 179			FLT) 90		FLT) 145	(%	% FLT) 215	(lb-ft²) 17.18
Cold	Hot	dB(A) @ 1M	DI		NDE		(Ib	os)
35	15		DI 6314		NDE 6312Z((Ib	os)
	15 commended spare						(lb	os)
35 Bearings are the only red Motor Options: Product Family:EQP Mounting:Footed,Sh Mounting:Footed,Sh	15 commended spare						(lb	os)
35 Bearings are the only red Motor Options: Product Family:EQP Mounting:Footed,Sh Mounting:Footed,Sh Customer Customer PO Sales Order Project #	15 commended spare						(lb	os)
35 Bearings are the only red Motor Options: Product Family:EQP Mounting:Footed,Sh Mounting:Footed,Sh Customer Customer PO Sales Order Project #	15 commended spare						(lb	os)
35 Bearings are the only red Totor Options: Product Family:EQP Aounting:Footed,Sh Aounting:Footed,Sh Sustomer Sustomer PO iales Order Project # ag:	15 commended spare P Global SD haft:T Shaft	e part(s).	6314	ZC3	631220	23	(lb	os)
35 Bearings are the only re- Product Family:EQP Mounting:Footed,Sh Sustomer Sustomer PO Sales Order Project # ag:	15 commended spare P Global SD haft:T Shaft	e part(s).	6314	ZC3	6312ZC	C3		
35 Bearings are the only re- Motor Options: Product Family:EQP Mounting:Footed,Sh	15 commended spare P Global SD haft:T Shaft	e part(s).	6314	ZC3	6312ZC	C3	(lb	MPCF-1119/0



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PICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

6/19/2025

dschoeck

Transmit #

Issued Rev

Model:	0308SDSR41/	_						
-	03003D31(417	λ-P						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
25	18.5	8	730	364T	190/380	50	3	84/42
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0	CONT	90.1	B		40 C
oad	HP	kW	Ampe	eres	Efficiency	/ (%)	Power F	actor (%)
ull Load	25.00	18.6	4		91.1			1.2
4 Load	18.75	14.0	34	4	91.0		68	3.6
2 Load	12.50	9.3	2.		89.6			7.4
4 Load	6.25	4.7	2		84.0			 3.6
	0.20				0.4.0			
lo Load .ocked Rotor			19 21					.2 1.5
			Torque					Rotor wk ²
Full Lo	ad	Locke	d Rotor	Ρι	ıll Up	Brea	ak Down	Inertia
(lb-ft)	(%	FLT)	(%	FLT)	(%	% FLT)	(lb-ft²)
180			75		165	Ì	240	17.18
		dB(A) @ 1M	DI	E	NDE		(Ik	os)
35 Bearings are the only re	15		DI 6314		NDE 6312ZC		(lk	os)
35 Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh	commended spare						(t	os)
Bearings are the only re Motor Options: Product Family:EQF	commended spare						(t	os)
Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh Customer Customer PO Sales Order Project # Tag: Il characteristics are ave	commended spare	part(s).	6314	ZC3	6312ZC	C3		
Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh Customer Customer PO Sales Order Project #	commended spare	part(s).	6314	ZC3	6312ZC	C3	. (It	DS)



HP

30

Enclosure

TEFC

Locked Rotor

Amps

217

Tag:

250

200

		Issued Date	6/19/20	25	Transmit #	
		Issued By	dschoe	ck	Issued Rev	
S	PEED TORQ	UE/CURREN	T CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
8	880	364T	230/460	60	3	82/41
. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.15	CONT	91.7	В		40 C
			Torque			
II Load	Locked		Pull U	р	Break	
(lb-ft) 179	(% 19		(%) 145		(% 21	
1	Des	sign Value	es			00
	Des	sign Value	es		6	00
	Des	sign Value	es			00 80
	Des	sign Value	es			

6/8/2011

Model: 0308SDSR41A-P

kW

22

IP

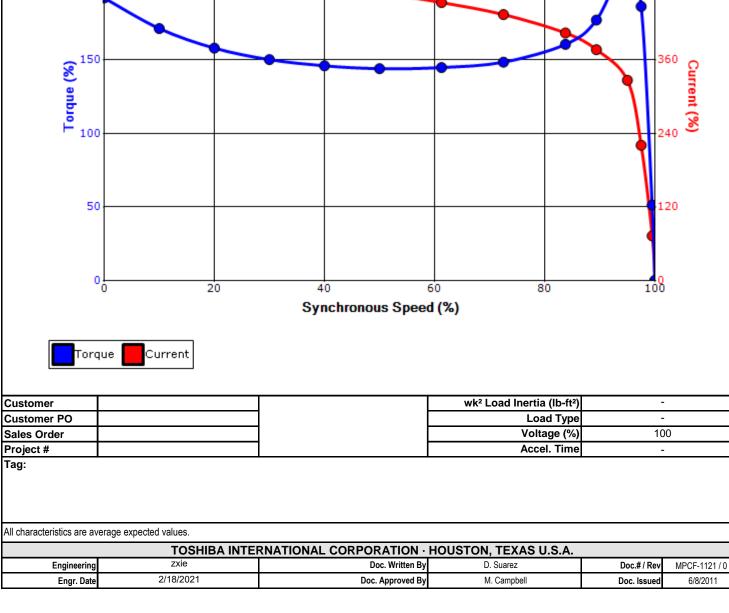
55

Rotor wk²

Inertia

(lb-ft²)

17.18





ΗP

25

Enclosure

TEFC

Locked Rotor

Amps

212

Model: 0308SDSR41A-P

kW

18.5

IP

55

Rotor wk²

Inertia

(lb-ft²)

17.18

Pole

8

Ins. Class

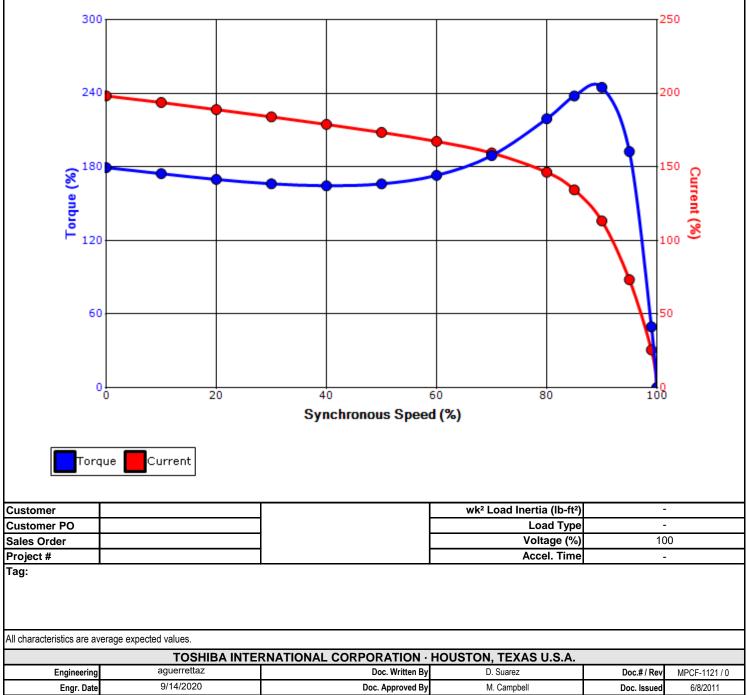
F

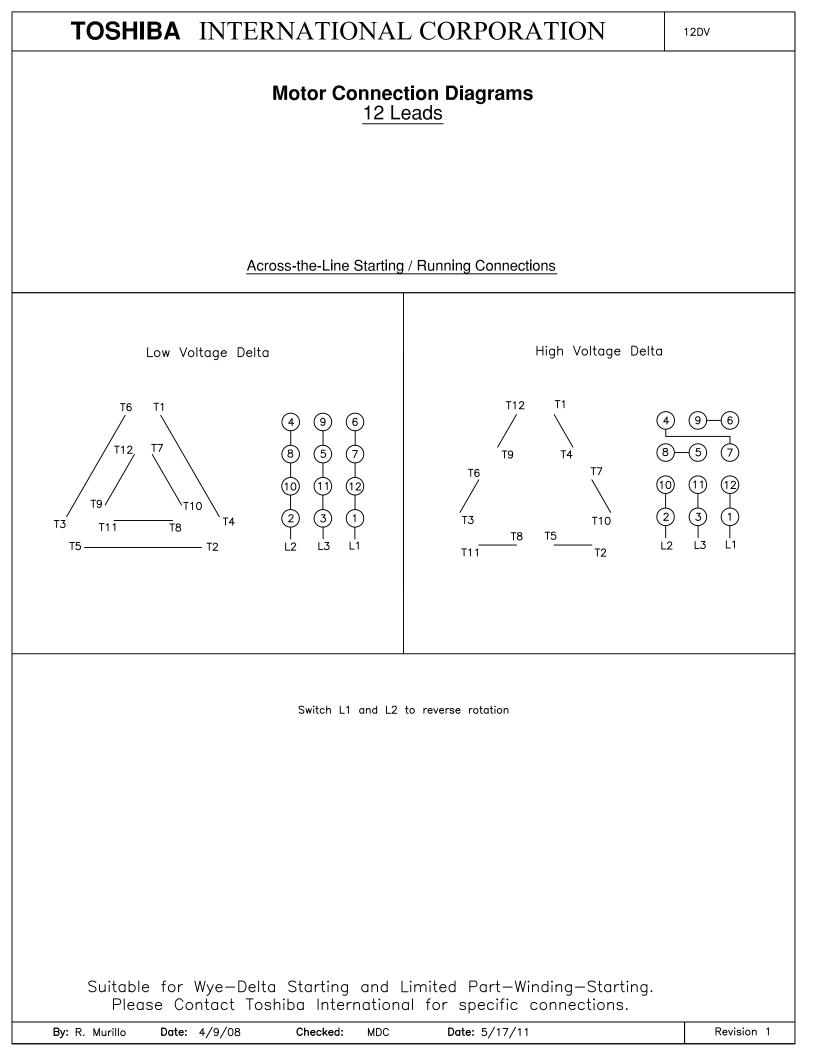
Full Load

(lb-ft)

180

	Issued Date	6/19/20	25	Transmit #	
	Issued By	dschoeck		Issued Rev	
PEED TORQ	UE/CURREN	T CURVE			
FL RPM	Frame	Voltage	Hz	Phase	FL Amps
730	364T	190/380	50	3	84/42
S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
1.0	CONT	90.1	В		40 C
		Torque			
Locked	Rotor	Pull U	р	Break	Down
(%	()	(%)		(%	»)
17	75	165		24	0
Des	sign Value	es			50
	FL RPM 730 S.F. 1.0 Locked (% 17	FL RPM Frame 730 364T S.F. Duty 1.0 CONT Locked Rotor (%) 175 10	FL RPM Frame Voltage 730 364T 190/380 S.F. Duty NEMA 1.0 CONT 90.1 Torque Locked Rotor Pull U (%) (%)	FL RPM Frame Voltage Hz 730 364T 190/380 50 S.F. Duty NEMA NEMA 1.0 CONT 90.1 B Torque Locked Rotor Pull Up (%) (%) 175 165	FL RPM Frame Voltage Hz Phase 730 364T 190/380 50 3 S.F. Duty NEMA NEMA NEMA 1.0 CONT 90.1 B Torque Locked Rotor Pull Up Break (%) (%) (%) (%) 175 165 24





TOSH	TOSHIBA			Issued Date: Issued By:		-	Transmit #: Issued Rev:		
Leading Innovation >>> SPARE PARTS LIST*									
НР	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
30	22	8	880	364T	230/460	60	3	82/41	
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)	
TEFC	55	F	1.15	CONT	91.7	В		40 C	

Bearings DE	6314ZC3 / 70BC03JP3OX
Bearings NDE	6312ZC3 / 60BC03JP3OX

*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 INTE	RNATIONAL CORPORATION · HO	USTON, TEXAS U.S.A	٨.	
Engineering	zxie	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 0
Engr Date	2/18/2021	Doc. Approved By	M Campbell	Doc Issued	6/8/2011