



.eading	Innovation	>>>
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TYPICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

6/19/2025

dschoeck

Transmit #

Issued Rev

3 2.2 4 1760 182TC 230/460 60 3 7/8/39 Enclosure IP Ins. Class S.F. Duty NEMA NEMA Design KVA Code Ambient (°C) TEFC 55 F 1.15 CONT 88.5 B 40.0 aad HP KW Amperes Efficiency (%) Power Factor (%) uil Load 3.00 2.2 3.9 90.1 80.4 76.2 Load 2.25 1.7 3.0 89.4 76.2 1.0 1.0 2.4 86.8 67.5 1.0 1.0 78.5 5.9 0.0 2.1 3.2 47.6 5.9 0.0 2.1 3.2 47.6 5.9 0.0 2.1 6.6 5.2 9.0 1.0 1.6 7.8 5.2 9.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0		0034SDSR42/							
Enclosure IP Ins. Class S.F. Duty NEMA Non. Eff. NEMA (C) NemA (C) At A Code Ambune (C) TEFC 55 F 1.15 CONT 89.5 B 40.0 oad MP KW Ampores Efficiency (%) Power Factor (%) lib.ad 2.2 3.9 90.1 60.4 76.2 Load 1.00 1.1 2.4 88.8 67.3 92.9 Load 0.75 0.6 1.7 78.5 92.9 6.6 ocked Rotor 32 47.6 6.6 6 6 cocked Rotor (% FLT) (% FLT) (% FLT) (% FLT) 8.96 280 215 355 0.43 Safe Stall Time(s) Sound Pressure Bearings* Approx. Motor Weight Gold Hot mB(A) @ M DE NDE (bas) 35 15 - 630632C3 630632C3 97									FL Amps
Enclosure IP Ins. Class S.F. Utty Non. Eff. Design KA Code (C) TEFC 55 F 1.16 CONT 89.5 B 40.0 Control SS 90.1 80.4 76.2 Load 13.0 11 2.4 86.8 67.5 Load 0.75 0.6 17 32 47.6 Cond 17 0.7 0.5 1.7 0.0 10.	3	2.2	4	1760	182TC			3	
Safe Stall Time(s) Sound (b-ft) Power Factor (%) 80.4 Power Factor (%) 80.4 Safe Stall Time(s) 2.25 1.7 3.0 89.4 76.2 Load 1.50 1.1 2.4 86.8 67.5 Load 0.75 0.6 1.6 78.5 32.9 o Load 0.75 0.6 1.7 6.6 6.6 ocked Rotor 32 47.8 6.6 6.6 ocked Rotor 1.7 (%.FLT)	Enclosure	IP	Ins. Class	S.F.	Duty			kVA Code	(°C)
UIL Load 3:00 2:2 3:9 90.1 80.4 20.1 Load 2:25 1.7 3:0 868.8 67.5 Load 1.50 1.1 2:4 868.8 67.5 Load 0.75 0.8 1.16 78.5 52.9 o Load 0.75 0.8 1.17 6.6 5 ocked Rotor 32 47.6 86.5 6.5 52.9 o Load 0.75 0.8 1.1 1.6 78.5 52.9 o Load 0.75 0.8 1.1 1.6 78.5 52.9 o Load 0.7 0.8 1.7 0.6 6.5 55.9 0.43 Gold Hot (% FLT) (% FLT) (% FLT) (% FLT) (% FLT) (% ST) 0.43 Safe Stall Time(s) Sound Pressure Bearings* Approx. Motor Weight (% St) 0.43 35 15 - 63062ZC3 63062ZC3	TEFC	55	F	1.15	CONT	89.5	В		40 C
UII Load 3:00 2:2 3:9 90.1 80.4 20.1 Load 2:25 1.7 3:0 88.8 67.5 6.6 67.5 6.6									
Load 2.25 1.7 3.0 89.4 76.2 Load 1.50 1.1 2.4 86.8 67.5 Load 0.75 0.6 1.6 78.5 52.9 o Load 0.75 0.6 1.7 6.6 6.7 o Load 0.75 0.6 1.6 78.5 6.6 o Load 0.75 0.6 1.7 6.6 6.6 o Load 0.75 0.6 1.7 6.6 6.6 o Load 0.75 0.8 1.7 0.7 47.6 Torque Torque Rotor wk Mineria Load 1.0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>/ (%)</td> <td></td> <td></td>							/ (%)		
Load 1.50 1.1 2.4 86.8 67.5 Load 0.75 0.6 1.6 78.5 52.9 ocked Rotor 32 47.6 6.6 6.6 ocked Rotor 32 47.6 6.6 6.6 with the state of									
Load 0.75 0.6 1.6 78.5 62.9 0 Load 0.75 0.6 1.7 6.6 6.6 ocked Rotor 32 47.5 6.6 6.6 with the second se									
o Load 17 6.6 ocked Rotor 32 47.6 Torque Rotor with Full Load Locked Rotor Pull Up Break Down Inertia (lb-ft) (% FLT) <									
Safe Stall Time(s) Rotor w/k Torque Rotor w/k Full Load Locked Rotor Pull Up Break Down Rotor w/k B.96 280 215 355 0.43 Safe Stall Time(s) Sound Pressure B(A) @ 1M DE NDE (bs) 35 15 - 6306ZZC3 6306ZZC3 97 Mearings are the only recommended spare part(s). Iotor Options: Toold: Family-EQP Global SD CFace Footed founting:CFace Footed.Shaft: T Shaft Ustomer PO also Grider roject # age: I deraderistics are average expected values. TOSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A. TOSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A. TOSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A.		0.10	0.0			10.0			
Condentation Torque Rotor with Inertia (Up-ft) Rotor with Inertia (Up-ft) Safe Stall Time(s) Sound (% FLT) Pressure (% FLT) Pressure (% FLT) Pressure (% FLT) Approx. Motor Weight (bs) 35 15 - 6306ZZC3 6306ZZC3 97 searings are the only recommended spare part(s). Engloyer (bs) (bs) isearing are the only recommended spare part(s). Engloyer Engloyer For Options: roduct Participant Spare Footed /shaft.T Shaft									
Safe Stall Time(s) Sound Pressure dB(A) @ 1M Bearings* Approx. Motor Weight (bs) 35 15 - 6306ZZC3 6306ZZC3 97 tearings are the only recommended spare part(s). - 6306ZZC3 6306ZZC3 97 tearings are the only recommended spare part(s). - 6306ZZC3 97 - tearings are the only recommended spare part(s). - - 6306ZZC3 97 tearings are the only recommended spare part(s). - - 6306ZZC3 97 tearings are the only recommended spare part(s). - - - - - totor Options: roduct Family:EQP Global SD CFace Footed founting.C-Face Footed, Shaft:T Shaft -	(lb-ft	t)	(%	d Rotor FLT)	Pı (%	FLT)		% FLT)	(lb-ft²)
learings are the only recommended spare part(s).	Cold	Hot				-			
Iotor Options: iroduct Family:EQP Global SD CFace Footed //ounting:C-Face Footed,Shaft:T Shaft ustomer				D		NDE		(Ib	os)
ustomer PO ales Order ales Order roject # ag: ag: Il characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering bmammen Doc. Written By D. Suarez Doc.# / Rev MPCF-1119 / 0			-						-
roject # ag: Il characteristics are average expected values. Il characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering bmammen Doc. Written By D. Suarez Doc.# / Rev MPCF-1119 / (Bearings are the only re Notor Options: Product Family:EQF	ecommended spare	- e part(s). ace Footed						-
ag: Il characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering bmammen Doc. Written By D. Suarez Doc.# / Rev MPCF-1119 / (Bearings are the only re Notor Options: Product Family:EQF Mounting:C-Face Fo Mounting:C-Face To Customer Customer PO	ecommended spare	- e part(s). ace Footed						-
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering bmammen Doc. Written By D. Suarez Doc.# / Rev MPCF-1119 / (Bearings are the only re lotor Options: roduct Family:EQF lounting:C-Face Fo ustomer ustomer PO ales Order	ecommended spare	- e part(s). ace Footed						-
Engineering bmammen Doc. Written By D. Suarez Doc.# / Rev MPCF-1119 / 0	Bearings are the only re lotor Options: roduct Family:EQF lounting:C-Face Fo ustomer ustomer PO ales Order roject #	ecommended spare	- e part(s). ace Footed						-
	iearings are the only re roduct Family:EQF founting:C-Face Fo ustomer ales Order roject # ag:	ecommended spare		63062	22C3	6306ZZ	C3		-
	earings are the only re roduct Family:EQF founting:C-Face Fo ustomer ustomer PO ales Order roject # ag:	ecommended spare	e part(s). ace Footed haft	63062	RPORATION ·	6306ZZ	C3	9	



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TYPICAL MOTOR PERFORMANCE DATA

Issued Date

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6/19/2025

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Transmit #

Issued Rev

HP		-				-		
^ I	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
3	2.2	4	1440	182TC	190/380	50	3	9.0/4.5
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0	CONT	85.5	-		40 C
oad	HP	kW	Amp		Efficiency	/ (%)		actor (%)
ull Load	3.00	2.2	4.		87.7		86	
Load	2.25 1.50	1.7 1.1	3.		88.4 87.0		84	i.1 3.6
Load	0.75	0.6			87.0			
Load	0.73	0.0	1.		00.7			•.3
lo Load ocked Rotor			1. 4					.8 2.9
P		I I I	Torque			D	ak Davin	Rotor wk ²
Full Loa			d Rotor		ull Up		ak Down / ELT)	Inertia
(lb-ft) 11.0			FLT) 85		5 FLT) 135	(*	% FLT) 255	(lb-ft²) 0.43
	11-4	Pressure					••	otor Weight
Cold 35	Hot 15	dB(A) @ 1M	DI 63062		NDE 6306ZZ		(Ib	_
	15 commended spare	dB(A) @ 1M -					(Ib	os)
35 Bearings are the only rec Notor Options: Product Family:EQP	15 commended spare	dB(A) @ 1M -					(Ib	os)
35 Bearings are the only rec lotor Options: Product Family:EQP	15 commended spare	dB(A) @ 1M -					(Ib	os)
35 learings are the only rec lotor Options: lroduct Family:EQP lounting:C-Face Foo	15 commended spare	dB(A) @ 1M -					(Ib	os)
35 Bearings are the only rec lotor Options: roduct Family:EQP founting:C-Face For ustomer ustomer PO ales Order	15 commended spare	dB(A) @ 1M -					(Ib	os)
35 earings are the only rec otor Options: roduct Family:EQP lounting:C-Face For lounting:C-Face For ustomer ustomer PO ales Order roject #	15 commended spare	dB(A) @ 1M -					(Ib	os)
35 learings are the only rec lotor Options: roduct Family:EQP founting:C-Face For ustomer ustomer PO	15 commended spare	dB(A) @ 1M -					(Ib	os)
35 earings are the only rec otor Options: roduct Family:EQP lounting:C-Face For lounting:C-Face For stomer PO ales Order roject #	15 commended spare Global SD CF oted,Shaft:T S	dB(A) @ 1M -	63062	72C3	6306ZZ	C3	(Ib	os)
35 earings are the only rec otor Options: roduct Family:EQP lounting:C-Face For lounting:C-Face For sustomer ustomer PO ales Order roject #	15 commended spare Global SD CF oted,Shaft:T S	dB(A) @ 1M -	63062	72C3	6306ZZ	C3	(Ib	os)



HP 3 Enclosure TEFC

Locked Rotor

Amps

32

Customer Customer PO Sales Order Project # Tag:

СЦ				Issued Date Issued By	6/19/20 dschoe		Transmit # Issued Rev	
	IBA			issued By	uschoe		ISSUEU KEV	
	ovation >>> 0034SDSR42A-		PEED TORQ	UE/CURREN	T CURVE			
Т	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	2.2	4	1760	182TC	230/460	60	3	7.8/3.9
ıre	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	55	F	1.15	CONT	89.5	В		40 C
otor	Rotor wk ² Inertia	Full Load	Leekee	Deter	Torque Pull U		Break	Deur
	(lb-ft ²)	(lb-ft)	Locked (%		Pull 0 (%)	Ч	Break (%	
	0.43	8.96	28		215		35	
320							80	0
240 160 80 Torq	0	20 nt	40 Synch	60 ronous Speed		80	60 40 20 108	Current (%)
80	0	_			(%)		40	0 0
80	0	_			(%)	80	40	0 0
80 0 Torq	0	_			(%)	nertia (Ib-ft²)	40	0 0

All characteristics are average expected values.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0			
Engr. Date	9/6/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			



Model: 0034SDSR42A-P

kW

2.2

IP

Pole

4 Ins. Class

HP

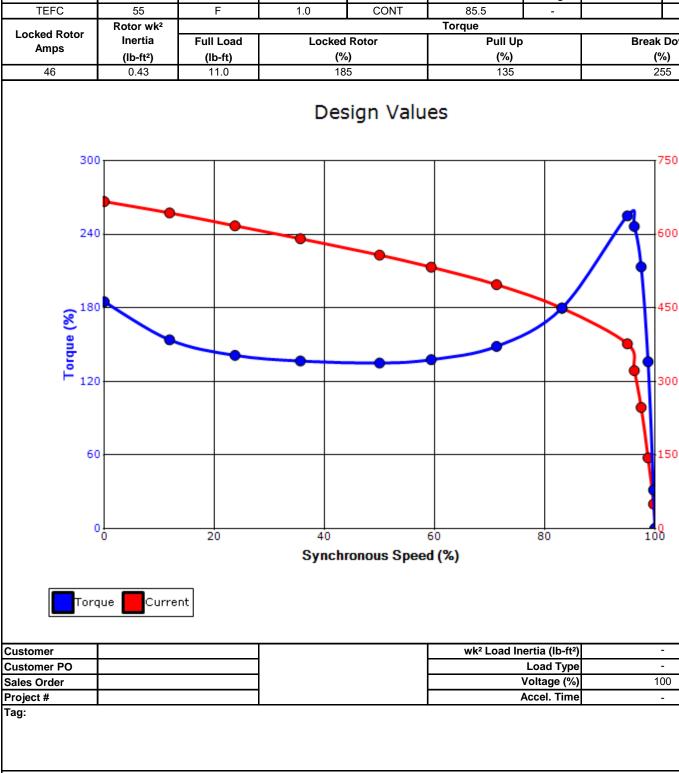
3

Enclosure

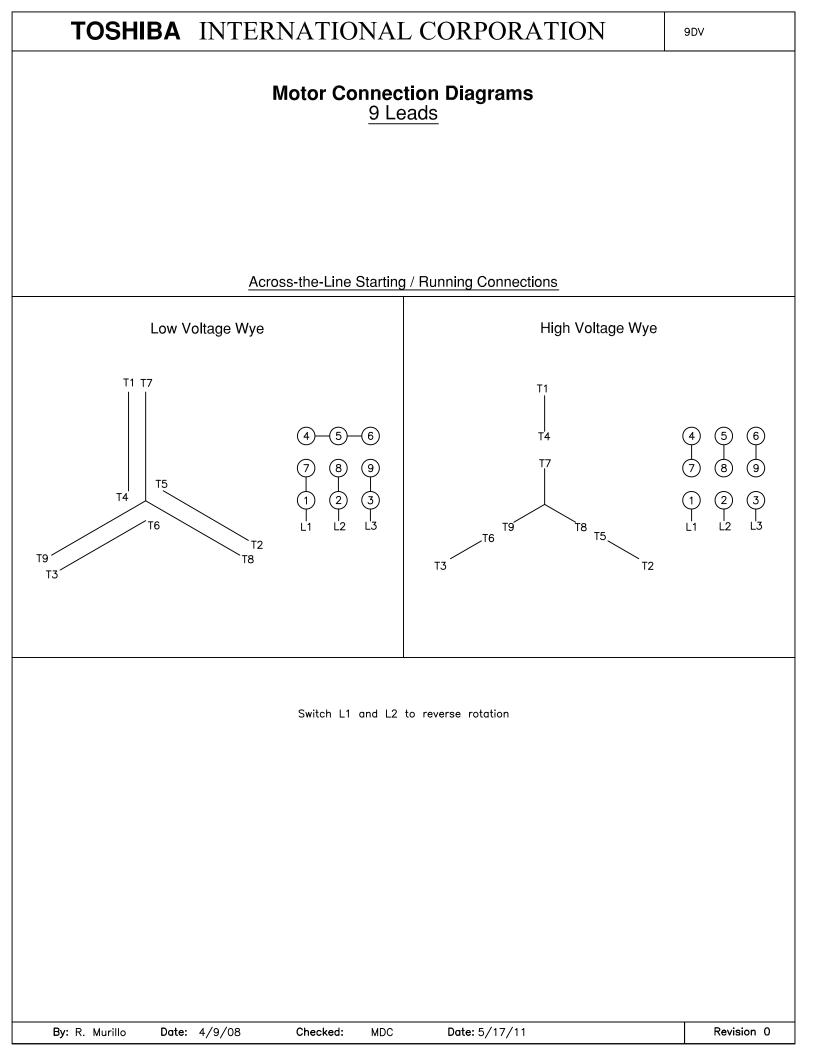
Tag:

		Issued Date	6/19/202	-	Transmit #	
		Issued By	dschoeck		Issued Rev	
SF	PEED TORQ	UE/CURREN	IT CURVE			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1440	182TC	190/380	50	3	9.0/4.5
	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.0	CONT	85.5	-		40 C
			Torque			
	Locked		Pull Up)	Break	
		%)	(%)		(%)	
	18	35	135		25	55
	Des	sign Value	es			50
						00

Current (%



All characteristics are average expected values.									
	TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0				
Engr. Date	9/6/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				



	Issued Date:	6/19/2025
TOSHIBA	Issued By:	dschoeck
Leading Innovation >>>	SPARE PARTS LIST*	
Model: 0034SDSR42A-P		

kW 2.2	Pole 4	FL RPM 1760	Frame	Voltage	Hz	Phase	FL Amps
2.2	4	1760	10070	-			
			182TC	230/460	60	3	7.8/3.9
IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
55	F	1.15	CONT	89.5	В		40 C
6306ZZC3 / 30	BC03JPP3OA						
6306ZZC3 / 30	BC03JPP3OA						
	55 6306ZZC3 / 30		55 F 1.15 6306ZZC3 / 30BC03JPP3OA	55 F 1.15 CONT 6306ZZC3 / 30BC03JPP3OA	IP Ins. Class S.F. Duty Nom. Eff. 55 F 1.15 CONT 89.5	IP Ins. Class S.F. Duty Nom. Eff. Design 55 F 1.15 CONT 89.5 B	IP Ins. Class S.F. Duty Nom. Eff. Design kVA Code 55 F 1.15 CONT 89.5 B

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*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:	verage expected values				
		RNATIONAL CORPORATION · H	100510N, 12XAS U.S.A.		
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0
Engr. Date	9/6/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011