



Leading Innovation >>>

TYPICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

6/19/2025

dschoeck

Transmit #

Issued Rev

	0152SDSR44A	\- ₽						
- HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	2	3530	254TC	230/460	60	3	36.0/18.0
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	91.0	B		40 C
TEFC	55		1.15	CONT	91.0	В		40 C
oad	HP	kW	Amp	eres	Efficiency	y (%)	Power Fa	actor (%)
ull Load	15.00	11.2	18		91.2			6.6
Load	11.25	8.4	13	.8	90.3		84	1.4
2 Load	7.50	5.6	10	.2	87.6		78	3.4
Load	3.75	2.8	7.	3	79.6		59	9.7
lo Load			5.					.8
ocked Rotor			11	6			37	7.5
			Torqu					Rotor wk ²
Full Lo	ad	Locke	d Rotor		ull Up	Brea	ak Down	Inertia
(lb-ft		(%	FLT)	(%	FLT)	(%	% FLT)	(lb-ft²)
22.3		2	30		195		280	1.19
		dB(A) @ 1M	D	E	NDE		(Ib	os)
35	15	-	63092		NDE 6309ZZ			6 9
Bearings are the only re Motor Options: Product Family:EQP	commended spare	- e part(s).						-
Bearings are the only re	commended spare	- e part(s).						-
Bearings are the only re Iotor Options: Product Family:EQP Nounting:C-Face Ro	commended spare	- e part(s).						-
Bearings are the only re lotor Options: roduct Family:EQP lounting:C-Face Ro	commended spare	- e part(s).						-
Bearings are the only re Totor Options: Product Family:EQP Aounting:C-Face Ro Sustomer Sustomer PO	commended spare	- e part(s).						-
Bearings are the only re Totor Options: Product Family:EQP Aounting:C-Face Ro Sustomer Sustomer PO ales Order	commended spare	- e part(s).						-
earings are the only re lotor Options: roduct Family:EQP founting:C-Face Ro ustomer ustomer PO ales Order roject #	commended spare	- e part(s).						-
Bearings are the only re lotor Options: roduct Family:EQP lounting:C-Face Ro ustomer ustomer PO ales Order roject # ag:	commended spare		63092	ZZC3	6309ZZ	C3		-
earings are the only re otor Options: roduct Family:EQP tounting:C-Face Ro ustomer ustomer PO ales Order roject # ag: I characteristics are ave	commended spare	e part(s). naft	63092	PRPORATION ·	6309ZZ	C3	2	
Bearings are the only re Iotor Options: Product Family:EQP	commended spare		63092	ZZC3	6309ZZ	C3		-



				Issued Date	6/19/20	25	Transmit #	
TOSH	IRA			Issued By	dschoe	ck	Issued Rev	
Leading Inne				R PERFORM	NCE DATA		•	
Model:	0152SDSR44/	4-P						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amp
15	11	2	2910	254TC	190/380	50	3	44/22
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambien (°C)
TEFC	55	F	1.0	CONT	90.2	В		40 C
.oad	HP 15.00	kW 11.2	Amp	eres	Efficiency (%)		Power Factor (%)	
Full Load 4 Load	15.00	8.4		.2 5.3	<u>91.9</u> 91.9		86.5	
⁴ Load ² Load	7.50	5.6		.7	90.8		78.3	
4 Load	3.75	2.8		.9	83.1		64.5	
lo Load			5	.2			8.	5
ocked Rotor			13	30			33	.8
Full Lo	pad	Locked	Torqu I Rotor		I Up	Brea	ak Down	
Full Lo (Ib-f		Locked (% F	Rotor	Pul	l Up FLT)	-	ak Down 6 FLT)	Rotor wl Inertia (Ib-ft²)
	t)		I Rotor FLT)	Pul (%	•	-	-	Inertia
(lb-f	t) 1	(% F 16	I Rotor FLT)	Pul (% I	FLT) 05	-	6 FLT) 230	Inertia (Ib-ft²) 1.19
(lb-f 27.	t) 1	(% F 16	I Rotor FLT)	Pul (% I 1) Bearing	FLT) 05	-	% FLT)	Inertia (Ib-ft²) 1.19

Motor Options: Product Family:EQP Global SD

Mounting:C-Face Round,Shaft:T Shaft

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

All characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering jhock Doc. Written By D. Suarez Doc.# / Rev MPCF-1119/0 Engr. Date 4/9/2014 M. Campbell Doc. Approved By Doc. Issued 6/8/2011



HP

15

Enclosure

TEFC

Locked Rotor

Amps

116

350

280

(%) enbrou 140

140

70

ᅆ

Torque

Model: 0152SDSR44A-P

kW

11

IP

55

Rotor wk²

Inertia

(lb-ft²)

1.19

20

Current

		Issued Date	6/19/202		Transmit #	
		Issued By	dschoe	ck	Issued Rev	
S	PEED TORQ	UE/CURREN	IT CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	3530	254TC	230/460	60	3	36.0/18.0
ns. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.15	CONT	91.0	В		40 C
			Torque			
Full Load	Locked		Pull U	р	Break	
(lb-ft)	(%		(%)		(%	()
22.3	23	0	195		28	30
	Des	sign Value	es		7	50
	Des	sign Value	es		7	50
	Des	sign Value	es			50
	Des	sign Value	es			
	Des	sign Value	es			
	Des	sign Value	es			
	Des	sign Value	es		6	00
	Des	sign Value	es		6	00
	Des	sign Value	es		6	00
	Des	sign Value	es		6	00
	Des	sign Value	es			00
	Des	sign Value	es			00 Current (%
	Des	sign Value	es			00 Current (%

100

80

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

Synchronous Speed (%)

60

40

All characteristics are average expected values.

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Engineering	aacosta	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0				
Engr. Date	4/19/2012	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				

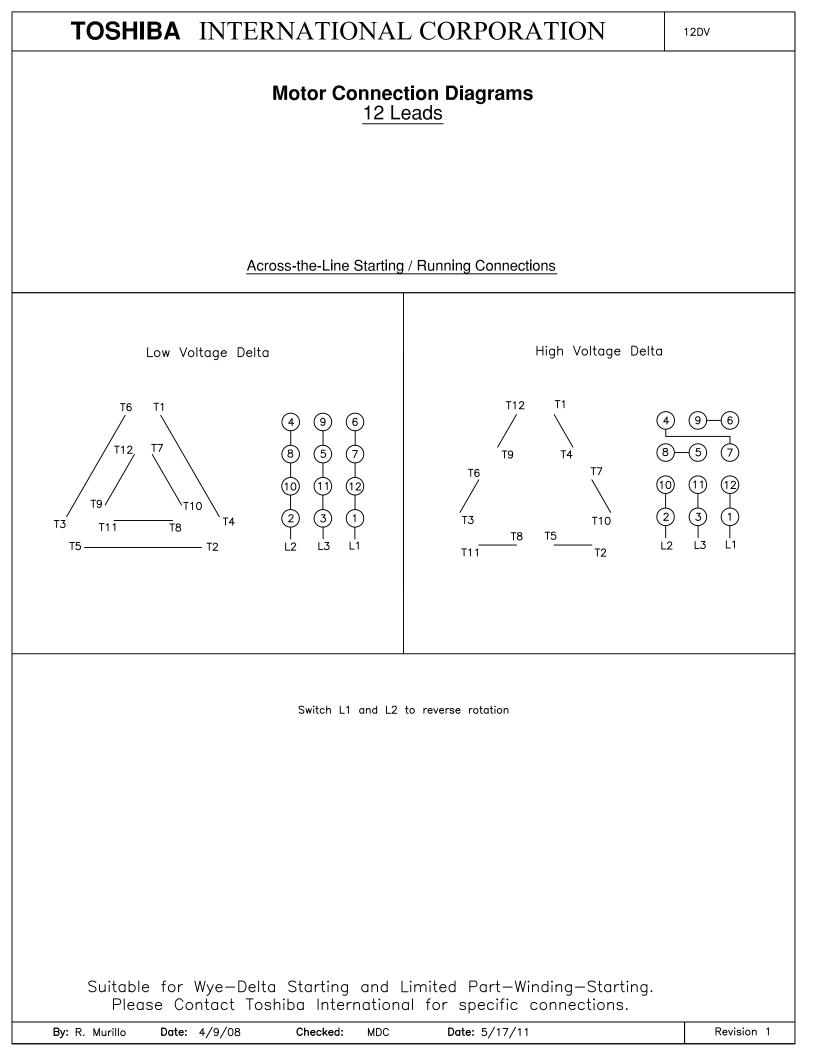


				Issued Date	6/19/202	25	Transmit #	
TOSH				Issued By	dschoed		Issued Rev	
				Issued by	40011000		ISSUEU IVEV	
Leading Inne	ovation >>>	-						
		SI	PEED TORQ	UE/CURREN	T CURVE			
		_						
Model:	0152SDSR44A-	P						
UD	1.34/	Dala		F uerra	Valtaria	L 11-	Dhasa	
HP 15	kW 11	Pole 2	FL RPM 2910	Frame 254TC	Voltage 190/380	Hz 50	Phase 3	FL Amps 44/22
15	11	2	2910	20410			3	
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0	CONT	90.2	B		40 C
TEFC	Rotor wk ²	Γ	1.0	CONT	Torque	В		40 C
Locked Rotor	Inertia	Full Load	Locked	Rotor	Pull Up		Break	Down
Amps	(lb-ft²)	(lb-ft)	(%		(%)	,	(%	
130	1.19	27.1	16		105		23	
100	1.10	21.1	10		100		20	.0
			Des	sign Value	s			
			200	ign value				
300							7	00
	() 						· · · · · · · · · · · · · · · · · · ·	
240		-						60
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8								¥
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(%) 180 180 120								Current (%)
1 20							2	80 🛎
			-					
							\	
							NI.	
60)							40
							<u> </u>	
							•	
, i	0	20	40	6	0	80	100	
			Synch	ronous Speed	(%)			
			Oynen	ionous opeeu	(10)			
	que <mark>Curre</mark>	c+						
Toro		inc inc						
0						antic (II - tre)		
Customer					WK ² Load Ir	nertia (lb-ft ²)	-	
Customer PO				F		Load Type	-	
Sales Order				F		Voltage (%)		
Project #						Accel. Time	-	
Гаg:								

All characteristics are average expected values.

Customer Customer PO Sales Order Project # Tag:

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Engineering	jhock	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0				
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TOSH	TOSHIBA			Issued Date: Issued By:			Transmit #: Issued Rev:	
Leading Inn	0152SDSR44A		SPARI	E PARTS LIS	ST*			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	2	3530	254TC	230/460	60	3	36.0/18.0
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	91.0	В		40 C

Bearings DE	6309ZZC3 / 45BC03JPP3OX
Bearings NDE	6309ZZC3 / 45BC03JPP3OX

*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.									
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Engineering	aacosta	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0				
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