



HP

5

	Issued By	dschoe		Issued Rev	
	RPERFORM	ANCE DATA			
	Frame	Voltage	Hz	Phase	FL Amps
1170	215TC	230/460	60	3	13.6/6.8
ss S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
1.15	CONT	89.5	Р		
			В		40 C
Ampo		Efficiency	1 -	Power Fa	actor (%)
6.	8	Efficiency 90.4	1 -	76	actor (%)
6. 5.	8 5	Efficiency 90.4 90.1	1 -	76 70	actor (%) 5.2
6. 5. 4.	8 5 3	Efficiency 90.4 90.1 88.0	1 -	76 70 60	actor (%) 5.2 0.9 0.8
6. 5. 4. 2.	8 5 3 9	Efficiency 90.4 90.1	1 -	76 70 60 48	actor (%) 5.2 5.9 5.8 5.0
6. 5. 4.	8 5 3 9 4	Efficiency 90.4 90.1 88.0	1 -	76 70 60	actor (%) 5.2 5.9 5.8 5.0 0

Model: 0056SDSR44A-P

kW

3.7

Pole

6

	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	89.5	В		40 C
Load	HP	kW	-		Efficiency (%)		Power Fa	actor (%)
ull Load	5.00	3.7	6.8		90.4		76.2	
4 Load	3.75	2.8	5.5		90.1		70.9	
2 Load	2.50	1.9	4.3		88.0		60.8	
4 Load	1.25	0.9	2.9	9	81.8		48	3.0
No Load			3.4	4			5	.0
Locked Rotor			50)			42	2.7
			Torque	<u>.</u>				Rotor wk ²
Full L	oad	Locker	d Rotor		ull Up	Bre	ak Down	Inertia
(lb-f			FLT)		6 FLT)		6 FLT)	(lb-ft ²)
22.			45		185	()	300	(ID-IT-) 1.32
								-
Safe Stall	Time(s)	Sound		Bearin	ngs*		Approx. Mo	otor Weight
Cold	Hot	Pressure dB(A) @ 1M	DE		NDE			-
35	15	-	6308Z	ZC3	6308ZZC3		165	
	ecommended spare	part(s).						
Notor Options: Product Family:EQ	P Global SD							
Motor Options: Product Family:EQ Mounting:C-Face F	P Global SD							
Motor Options: Product Family:EQ Mounting:C-Face F	P Global SD							
Motor Options: Product Family:EQ Mounting:C-Face F Customer Customer PO	P Global SD							
Motor Options: Product Family:EQ Mounting:C-Face F Customer Customer PO Sales Order Project #	P Global SD							
Motor Options: Product Family:EQ Mounting:C-Face F Customer Customer PO Sales Order Project # Tag:	P Global SD Round,Shaft:T Sh	aft						
Motor Options: Product Family:EQ Mounting:C-Face F Customer Customer PO Sales Order Project # Fag:	P Global SD Round,Shaft:T Sh	ues.						
Motor Options: Product Family:EQ Mounting:C-Face F Customer Customer PO Sales Order Project # Tag:	P Global SD Round,Shaft:T Sh	ues.	RNATIONAL CO		HOUSTON, TEX	AS U.S.A.		MDOE 4140 /0
Bearings are the only r Motor Options: Product Family:EQ Mounting:C-Face F Customer Customer PO Sales Order Project # Tag: All characteristics are an Engineering Engr. Date	P Global SD Round,Shaft:T Sh	ues.	RNATIONAL CO	RPORATION · Doc. Written By Doc. Approved By	D. Suarez		Doc.# / Rev Doc. issued	MPCF-1119 / 0 6/8/2011



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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
5	3.7	6	955	215TC	190/380	50	3	15.6/7.8
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA	NEMA	kVA Code	Ambient
TEFC	55	F	1.0	CONT	Nom. Eff. 86.8	Design B		(° C) 40 C
TEFC			1.0	CONT	00.0	В		40 C
oad	HP	kW	Ampe	eres	Efficienc	v (%)	Power F	actor (%)
ull Load	5.00	3.7	7.		88.0	((**)		2.6
Load	3.75	2.8	6.	0	89.0		78	3.8
2 Load	2.50	1.9	4.	6	88.2		69	9.7
Load	1.25	0.9	3.	1	83.0		54	4.5
lo Load			2.	8			6	.4
ocked Rotor			44	4			43	3.6
		I	Torque					Rotor wk ²
Full Lo			d Rotor		ull Up		ak Down	Inertia
(lb-ft) 27.5			FLT) 75		FLT) 125	(%	% FLT) 230	(lb-ft²) 1.32
							-	
Cold 35	Hot 15	dB(A) @ 1M -	D I 63082		NDE 6308ZZ			5
35 Bearings are the only re	15 commended spare	-						-
35	15 commended spare	- e part(s).						-
35 Bearings are the only re- lotor Options: Product Family:EQP Jounting:C-Face Ro	15 commended spare	- e part(s).						-
35 Bearings are the only re- lotor Options: roduct Family:EQP Mounting:C-Face Ro ustomer ustomer PO	15 commended spare	- e part(s).						-
35 Bearings are the only re- lotor Options: roduct Family:EQP founting:C-Face Ro ustomer ustomer PO ales Order	15 commended spare	- e part(s).						-
35 otor Options: roduct Family:EQP tounting:C-Face Ro ustomer ustomer PO ales Order roject #	15 commended spare	- e part(s).						-
35 Bearings are the only red Totor Options: Product Family:EQP Aounting:C-Face Ro Aounting:C-Face Ro Sustomer Sustomer PO ales Order Project #	15 commended spare	- e part(s).						-
35 Bearings are the only re- lotor Options: roduct Family:EQP founting:C-Face Ro ustomer ustomer PO ales Order roject # ag:	15 commended spare 2 Global SD bund,Shaft:T S	e part(s). haft	63082	72C3	6308ZZ	C3		-
35 learings are the only re- lotor Options: Product Family:EQP Nounting:C-Face Ro ustomer PO ales Order roject # ag: I characteristics are ave	15 commended spare P Global SD bund,Shaft:T S	e part(s). haft	63082	7ZC3	6308ZZ	C3		
35 Bearings are the only re Notor Options: Product Family:EQP	15 commended spare P Global SD bund,Shaft:T S	e part(s). haft	63082	22C3	6308ZZ	C3		65 65



HP

5

Enclosure

TEFC

Locked Rotor

Amps

50

350

280

Model: 0056SDSR44A-P

kW

3.7

IP

55

Rotor wk²

Inertia

(lb-ft²)

1.32

Pole

6

Ins. Class

F

Full Load

(lb-ft)

22.4

		Issued Date	6/19/202	25	Transmit #	
		Issued By	dschoed	:k	Issued Rev	
S	PEED TORQ	UE/CURREN	IT CURVE			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1170	215TC	230/460	60	3	13.6/6.8
;	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.15	CONT	89.5	В		40 C
			Torque			
	Locked	Rotor	Pull Up)	Break	Down
	(%	b)	(%)		(%	»)
	24	5	185		30	0
						50
	•					
	• •				5	¹⁰ Curren

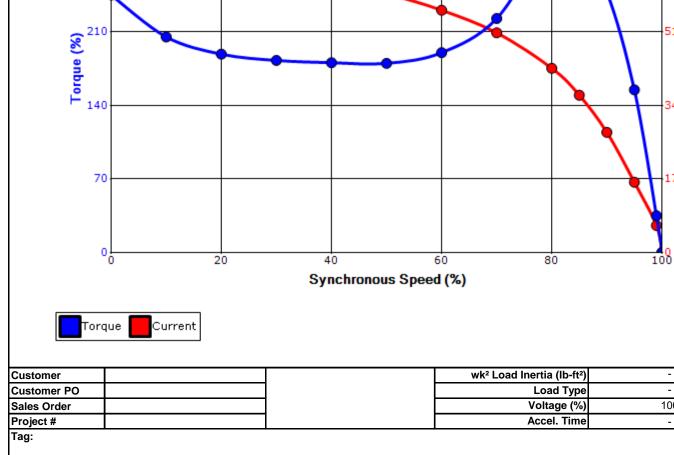
170

-

-

100

-



All characteristics are average expected values.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.										
Engineering	spinzon	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0					
Engr. Date	8/7/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011					



		Issued Date	6/19/202	25	Transmit #	
		Issued By	dschoed	ck	Issued Rev	
S	PEED TORQ	UE/CURREN	IT CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
6	955	215TC	190/380	50	3	15.6/7.8
Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.0	CONT	86.8	В		40 C
			Torque			
Full Load	Locked	Rotor	Pull Up)	Break	Down
(lb-ft)	(%		(%)		(%	
27.5	17		125		23	0
	Des	sign Value	es		6	50
	Des	sign Value	es			50 20
	Des	sign Value	es		5	

c	0 20	40	60 80	108
		Synchronous Spee	d (%)	
Toro	que <mark>Current</mark>			
Customer			wk ² Load Inertia (lb-ft ²)	-
Customer PO		1	Load Type	-
Sales Order]	Voltage (%)	100
Project #			Accel. Time	-
Tag:				
All characteristics are av	verage expected values.			
	TOSHIBA INTE	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.	
Engineering	spinzon	Doc. Written By	D. Suarez	Doc.# / Rev MPCF-1121 / 0
Engr. Date	8/7/2024	Doc. Approved By	M. Campbell	Doc. Issued 6/8/2011

HP

5

Enclosure TEFC

Locked Rotor

Amps

44

300

240

(%) anbio 120

60

Model: 0056SDSR44A-P

kW

3.7 IP

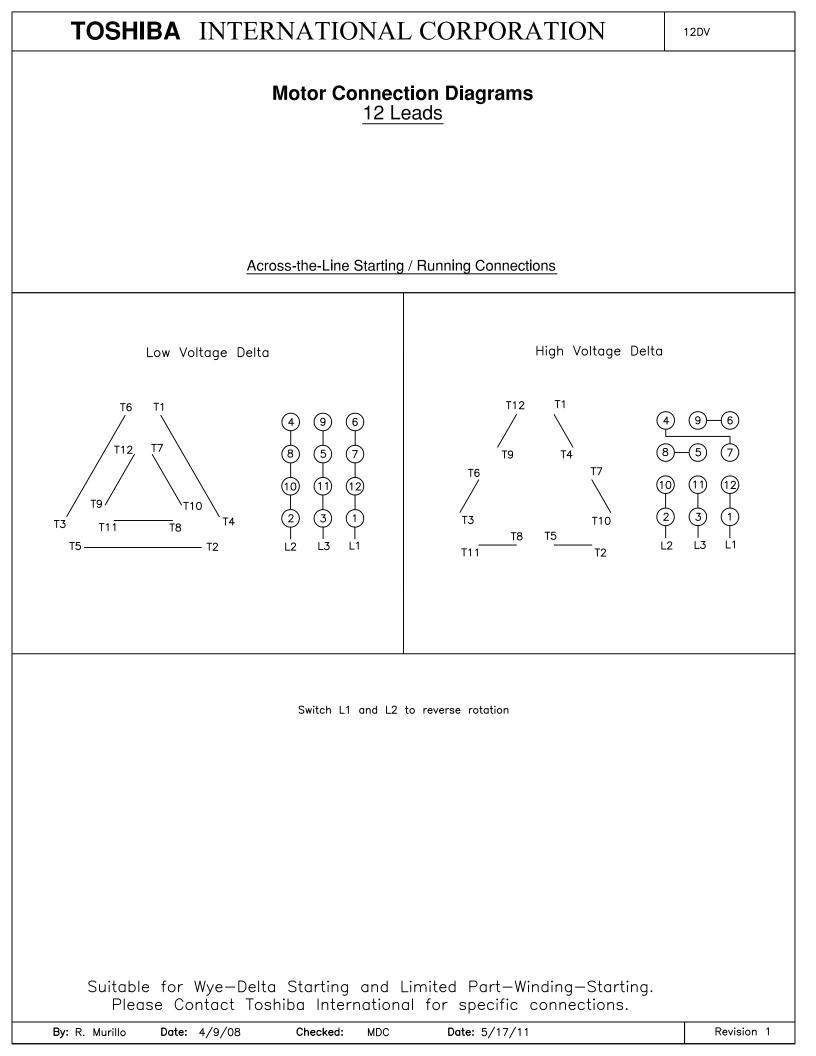
55

Rotor wk²

Inertia

(lb-ft²)

1.32



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	Issued Date:	6/19/20	25	Transmit #:	
	Issued By:	dschoe	ck	Issued Rev:	
SPAR	E PARTS LIS	ST*			
FL RPM	Frame	Voltage	Hz	Phase	FL Amps
FL RPM 1170	Frame 215TC	Voltage 230/460	Hz 60	Phase 3	FL Amps 13.6/6.8

Model: 0056SDSR44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
5	3.7	6	1170	215TC	230/460	60	3	13.6/6.8
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	89.5	В		40 C
Bearings DE	6308ZZC3 / 4	0BC03JPP3OX						
Bearings NDE	6308ZZC3 / 4	0BC03JPP3OX						

*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 av	verage expected values				
All characteristics are av					
	TOSHIBA INTEI	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	spinzon	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0
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