



Model: 3/48SDSR41A-P

kW

0.55

IP

55

ΗP

0.75

0.56

0.38

0.19

Pole

8

Ins. Class

F

kW

0.6

0.4

0.3

0.1

HP

0.75

Enclosure

TEFC

Load

Full Load 3/4 Load

1/2 Load

1/4 Load No Load Locked Rotor

		Issued Date	6/19/202	25	Transmit #	
		Issued By	dschoe	ck	Issued Rev	
ΤΥΡ	ICAL MOTO	R PERFORM	ANCE DATA			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amp
	870	145T	230/460	60	3	3.2/1.6
ss	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
				Design		
	1.15	CONT	74.0	B		40 C
	Amp	eres	74.0 Efficiency	В	Power Fa	40 C actor (%)
	Amp 1	eres 6	74.0 Efficiency 74.0	В	57	40 C actor (%)
	<b>Amp</b> 1 1	eres	74.0 Efficiency	В	57 49	40 C actor (%)
	<b>Amp</b> 1 1 1	eres64	74.0 Efficiency 74.0 71.8	В	57 49 38	40 C actor (%) 7.7 9.1
	<b>Amp</b> 1 1 1 0	eres 6 4 3	74.0 Efficiency 74.0 71.8 66.1	В	57 49 38 46	40 C actor (%) 7.7 9.1 3.4

Torque						
Full Load	Locked Rotor	Pull Up	Break Down	Inertia		
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)		
4.53	195	170	280	0.17		

Safe Stall Time(s)		Sound	Bearin	Approx. Motor Weight	
Cold	Hot	Pressure	Dealin	Approx. Motor Weight	
Cold	not	dB(A) @ 1M	DE	NDE	(lbs)
35	15	-	6305ZZC3	6305ZZC3	

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

Motor Options: Product Family:EQP Global SD Mounting:Footed,Shaft:T Shaft

Customer PO Sales Order Project #

Tag:

Customer

All characteristics are average expected values.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.									
Engineering	aguerrettaz	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1119 / 0				
Engr. Date	4/22/2019	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				



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## TYPICAL MOTOR PERFORMANCE DATA

**Issued Date** 

Issued By

6/19/2025

dschoeck

Transmit #

Issued Rev

Madal			CAL MOTOF					
woder:	3/48SDSR41A	-P						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
0.50	0.37	8	720	145T	190/380	50	3	3.0/1.5
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0	CONT	69.3	B		40 C
1210		i		Contr		5		100
oad	HP	kW	Ampe	eres	Efficiency	ı (%)	Power Fa	actor (%)
ull Load	0.50	0.4	1.		69.5	. ,		5.2
4 Load	0.38	0.3	1.	3	68.4		47	.3
2 Load	0.25	0.2	0.	9	66.3		46	
4 Load	0.13	0.1	0.	4	65.0		46	6.2
lo Load			1.	3			11	.4
ocked Rotor		H	7.				55	
		<u> </u>	Torque			-		Rotor wk <sup>2</sup>
Full Lo			Rotor		ll Up		ak Down	Inertia
(lb-ft		(%	FLT) 45		FLT)	(%	6 FLT)	(lb-ft²)
3.65	)	24	+5	4	210		315	0.17
Cold 35	<b>Hot</b> 15	dB(A) @ 1M -	<b>D</b> 63052		NDE 6305ZZ	C3	(lbs)	
Deerings are the early as								
<b>Notor Options:</b> Product Family:EQF	P Global SD	e part(s).						
<b>Notor Options:</b> Product Family:EQF	P Global SD	e part(s).						
Notor Options: Product Family:EQF Mounting:Footed,Sh	P Global SD	e part(s).						
Actor Options: Product Family:EQF Mounting:Footed,Sh Mounting:Footed,Sh Customer Customer PO	P Global SD	e part(s).						
Actor Options: Product Family:EQF Mounting:Footed,Sh Mounting:Footed,Sh Customer Sustomer PO Sales Order	P Global SD	e part(s).						
Actor Options: Product Family:EQF Mounting:Footed,Sh Mounting:Footed,Sh Customer Customer PO Gales Order Project #	P Global SD	e part(s).						
Totor Options: Product Family:EQF Aounting:Footed,Sh Aounting:Footed,Sh Sustomer Sustomer PO ales Order Project #	P Global SD	e part(s).						
Actor Options: Product Family:EQF Aounting:Footed,Sh Sustomer PO ales Order Project # ag:	P Global SD haft:T Shaft	lues.						
Iotor Options: Product Family:EQF Aounting:Footed,Sh Sustomer Sustomer PO Sales Order Project # ag:	P Global SD haft:T Shaft	lues. TOSHIBA INTER	NATIONAL CO					
Bearings are the only re Motor Options: Product Family:EQF Mounting:Footed,Sh Customer Customer PO Sales Order Project # Tag: All characteristics are av Engineering Engr. Date	P Global SD haft:T Shaft	lues.	NATIONAL CO	RPORATION - Doc. Written By Doc. Approved By	HOUSTON, TEX D. Suarez M. Campb		Doc.# / Rev	MPCF-1119 / 0



HP

0.75

Enclosure

TEFC

Locked Rotor

Amps

7.7

Model: 3/48SDSR41A-P

kW

0.55

IP

55

Rotor wk<sup>2</sup>

Inertia

(lb-ft<sup>2</sup>)

0.17

Pole

8

Ins. Class

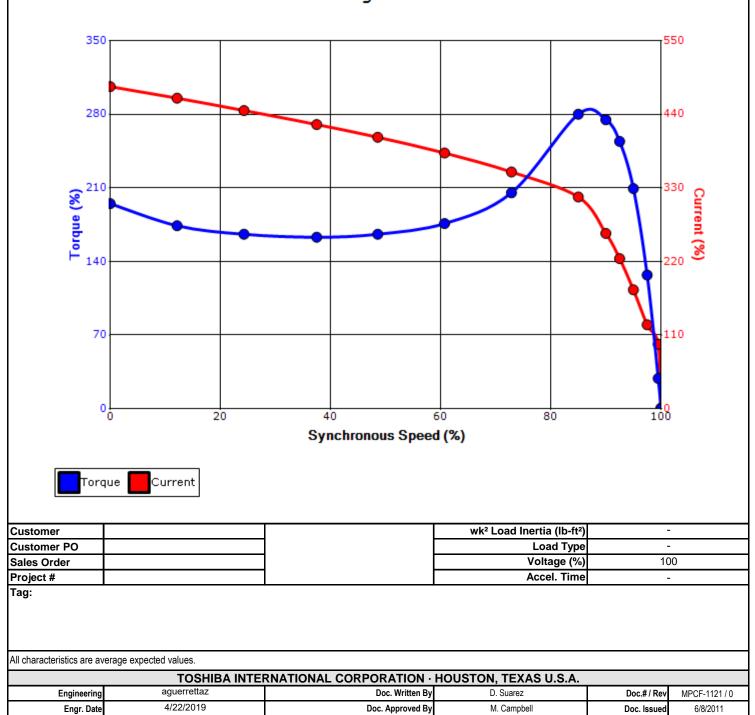
F

Full Load

(lb-ft)

4.53

	Issued Date	6/19/20		Transmit #		
	Issued By	dschoe	ck	Issued Rev		
	JE/CURREN	T CURVE				
FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
870	145T	230/460	60	3	3.2/1.6	
S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)	
1.15	CONT	74.0	В		40 C	
		Torque				
Locked	Rotor	Pull Up		Break Down		
(%	)	(%)		(%)		
19	5	170		280		
Des	ign Value	es				





Model: 3/48SDSR41A-P

kW

0.37

IP

55

Rotor wk<sup>2</sup>

Inertia

(lb-ft<sup>2</sup>)

0.17

Pole

8

Ins. Class

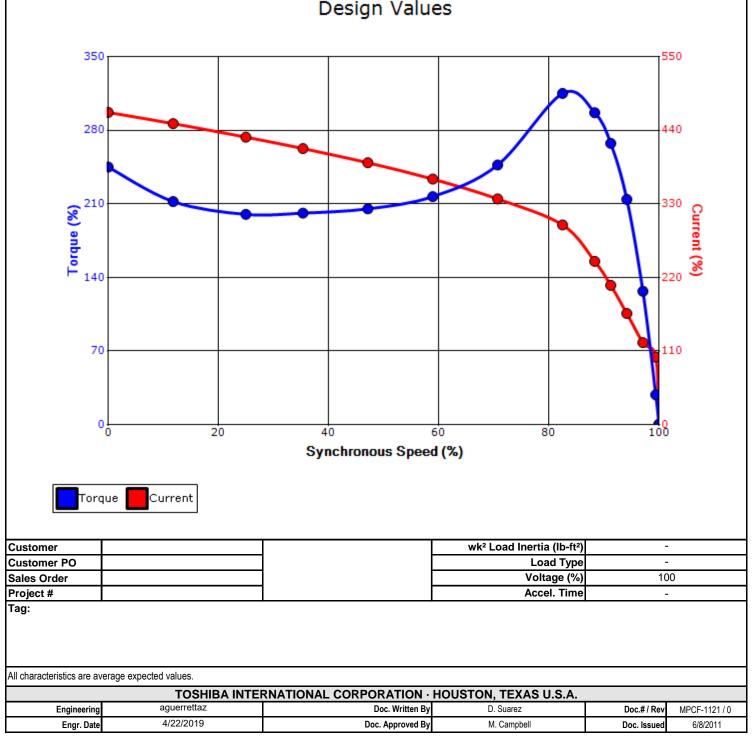
F

Full Load

(lb-ft)

3.65

3	FL Amps 3.0/1.5 Ambient	
3	3.0/1.5	
3	3.0/1.5	
-		
/A Code	Ambient	
	(°C)	
	40 C	
Break Down		
(%)		
315		
	(%)	



HP

0.50

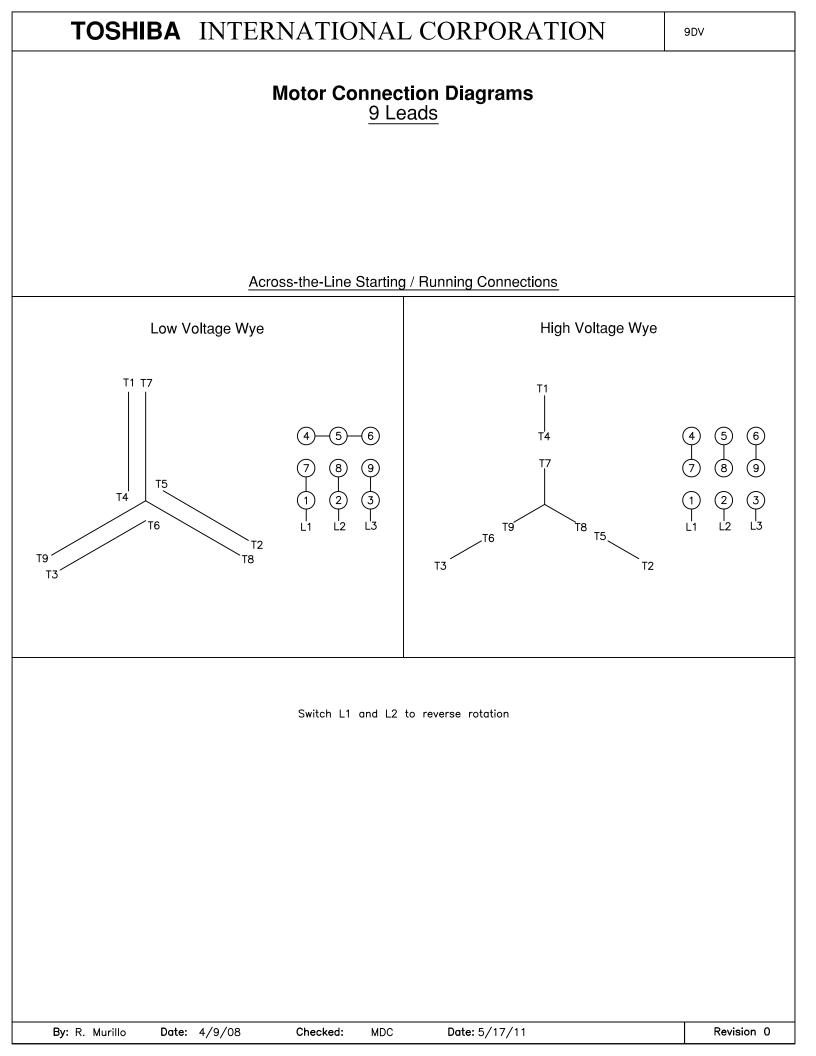
Enclosure

TEFC

Locked Rotor

Amps

7.0



## TOSHIBA Leading Innovation >>>

-				
145T	230/460	60	3	3.2/1.6
Frame	Voltage	Hz	Phase	FL Amps
	Frame		Frame Voltage Hz	Frame Voltage Hz Phase

Model: 3/48SDSR41A-P

kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps		
0.55	8	870	145T	230/460	60	3	3.2/1.6		
IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)		
55	F	1.15	CONT	74.0	В		40 C		
6305ZZC3 / 25	6305ZZC3 / 25BC03JPP3OA								
6305ZZC3 / 25	305ZZC3 / 25BC03JPP3OA								
	0.55 IP 55 6305ZZC3 / 25	0.55  8    IP  Ins. Class    55  F	0.55  8  870    IP  Ins. Class  S.F.    55  F  1.15    6305ZZC3 / 25BC03JPP3OA	0.55  8  870  145T    IP  Ins. Class  S.F.  Duty    55  F  1.15  CONT    6305ZZC3 / 25BC03JPP3OA	0.55  8  870  145T  230/460    IP  Ins. Class  S.F.  Duty  NEMA Nom. Eff.    55  F  1.15  CONT  74.0    6305ZZC3 / 25BC03JPP3OA	0.55  8  870  145T  230/460  60    IP  Ins. Class  S.F.  Duty  NEMA Nom. Eff.  NEMA Design    55  F  1.15  CONT  74.0  B    6305ZZC3 / 25BC03JPP3OA	0.55  8  870  145T  230/460  60  3    IP  Ins. Class  S.F.  Duty  NEMA Nom. Eff.  NEMA Design  kVA Code    55  F  1.15  CONT  74.0  B  6305ZZC3 / 25BC03JPP3OA  6305ZZC3 / 25BC03		

\*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.							
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
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Engr. Date	4/22/2019	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			