



ΗP

15

Enclosure

TEFC

Load

Full Load 3/4 Load

1/2 Load

1/4 Load No Load

Locked Rotor

Model: 0154SDBA41A-P

kW

11

IP

55

ΗP

15.00

11.25

7.50

3.75

Pole

4

Ins. Class

F

kW

11.2

8.4

5.6

2.8

		Issued Date	6/20/20	)25	Transmit #	
		Issued By	dschoe	eck	Issued Rev	
TYP	ICAL MOTO	R PERFORM	ANCE DATA			
e	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1770	254T	230/460	60	3	40/20
lass	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambien (°C)
	1.15	CONT	75.0	В		40 C
/	Amp		Efficienc		Power Fa	( )
2		0	92.6		75	
1		5.2	91.6		70	-
6		2.7	89.2		61	
	8	.6	82.5		49	.1
3	-					
}		).1 18			4. 37	

	Torque	e		Rotor wk <sup>2</sup>
Full Load	Locked Rotor	Pull Up	Break Down	Inertia
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)
44.5	240	185	280	2.32
		÷	÷	

Safe Stall	Time(s)	Sound	Bearin	uae*	Approx. Motor Weight
Cold	Hot	Pressure	Dealin	95	Approx. Motor Weight
Colu	HOL	dB(A) @ 1M	DE	NDE	(lbs)
35	15	-	6309ZZC3	6309ZZC3	

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

Motor Options: Product Family:EQP Global Brake Mounting:Footed,Shaft:T Shaft Brake Torque (lb-ft): 75.00

Customer Customer PO Sales Order Project #

Tag:

All characteristics are average expected values.

	TOSHIBA INTE	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1119 / 0
Engr. Date	5/5/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011



eading	Innovation	>>>
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## TYPICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

6/20/2025

dschoeck

Transmit #

**Issued Rev** 

15         11         4         1455         254T         190/380         50         3         44023           Enclosure         IP         Ins. Class         S.F.         Duty         NRMA         Design         KVA Code         Anbient           TEPC         55         F         1.0         CONT         89.8         B         40 C           cad         HP         KW         Amperes         Efficiency (%)         Power Factor (%)         28.7           Load         1125         8.4         17.7         89.9         79.7         28.7           Load         7.50         5.6         13.4         88.3         71.9         2.0           Load         3.75         2.8         9.0         82.3         59.9         2.0           Load         3.75         2.8         7.5         6.2         2.0         2.0         0.0         39.4         2.0           Load         Locked Rotor         103         145         2.15         2.32         2.0         2.0         2.4         2.4         2.4         2.0         2.5         2.3         2.5         2.2         2.4         2.4         2.4         2.1         1.0         1.			<u> </u>				1		
Enclosure         IP         Ins. Class         S.F.         Duty         NEMA Non. Eff.         NEMA Design         KVA Code         Ambune (C)           TEFC         55         F         1.0         CONT         89.8         B         40.0           cad         MP         KW         Amperes         Efficiency (%)         Power Factor (%)         62.8           Load         11.23         8.4         17.7         69.9         71.7         1.4           Load         17.50         5.6         13.4         88.3         71.9         1.6           Load         3.76         2.8         90.1         62.9									FL Amps
TEFC         56         F         1.0         CONT         89.8         8         4.0 C           Sad         HP         NW         Amperes         Efficiency (%)         Power Factor (%)           Load         15.00         11.2         22         90.1         82.8         8         40.C           Load         15.00         11.2         8.4         17.7         89.9         70.7           Load         17.5         8.3         13.4         86.3         71.9         Load         56.9         0.0         82.3         56.9         0.2.3         62.2         cschell rest         56.9         0.2.3         62.2         cschell rest         7.5         62.3         62.2         cschell rest         7.5         62.2         cschell rest         7.5         62.2         cschell rest         7.5         62.3         62.1         10.9						NEMA	NEMA		Ambient
Safe Stall Time(a)         Sound (b-ft)         Power Factor (%)         Power Factor (%)           Load         11.25         8.4         17.7         89.9         79.7           Load         11.25         8.4         17.7         89.9         79.7           Load         11.25         8.4         17.7         89.9         79.7           Load         3.75         2.8         9.0         82.3         66.9           Load         3.75         2.8         9.0         82.3         66.9           Load         0.16         7.5         6.2         6.2         0.0         82.3         66.9           Load         0.17         (%.FLT)         (%.FLT) </td <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>NVA OOde</td> <td></td>					-			NVA OOde	
uil Load         15:00         11:2         22         90:1         62.8         62.8           Load         11:25         8.4         17.7         89.9         79.7           Load         7:50         5.6         13.4         88.3         71.9           Load         3:75         2.8         9.0         62.3         66.9           Load         3:75         2.8         9.0         62.3         66.9           Load         3:75         2.8         9.0         62.2         66.9           Load         3:75         2.8         9.0         62.2         66.9           Load         0:Add         Colod         62.7         50.82         62.7           Ocked Rotor         Torque         Torque         Rotor wk         Inertia	TEFC	55	F	1.0	CONT	89.8	В		40 C
uil Load         15:00         11:2         22         90:1         62.8         62.8           Load         11:25         8.4         17.7         89.9         79.7           Load         7:50         5.6         13.4         88.3         71.9           Load         3:75         2.8         9.0         62.3         66.9           Load         3:75         2.8         9.0         62.3         66.9           Load         3:75         2.8         9.0         62.2         66.9           Load         3:75         2.8         9.0         62.2         66.9           Load         0:Add         Colod         62.7         50.82         62.7           Ocked Rotor         Torque         Torque         Rotor wk         Inertia	and	UD	644	Ampo		Efficiency	(9/)	Bower F	$\frac{1}{2}$
Load         1125         8.4         17.7         89.9         79.7           Load         7.50         5.6         13.4         68.3         71.9           Load         3.75         2.8         9.0         62.3         66.9           o Load         3.75         2.8         9.0         62.3         67.9           ocked Rotor         109         82.3         62.2         62.2         62.4           ocked Rotor         109         87.5         2.8         6.2         39.4           Full Load         Locked Rotor         Pull Up         Break Down         Inertia           (Ib-tt)         (% FLT)         (% FLT)         (% FLT)         (b-tt)         (b-tt)           54.1         190         145         215         2.32           Safe Stall Time(s)         Sound         Pressure         Approx. Motor Weight           Cold         Hot         dB(A) @ 114         DE         NDE         (lb-tt)           35         15         -         63092ZC3         63092ZC3         63092ZC3           Voider Family:EOP Clobal Brake           Voider Family:EOP Clobal Brake           Voider Family:E							( /0)		. ,
Load         7.50         5.6         13.4         88.3         71.9           Load         3.75         2.8         9.0         82.3         66.9           Ocked Rotor         109         82.3         66.9         0           ocked Rotor         109         82.3         66.9         0           ocked Rotor         109         82.3         66.9         0           ocked Rotor         109         82.3         66.2         0           ocked Rotor         109         87.4         0         0         107.9           Safe Stall Time(s)         Sound         Full Up         Bearings*         Approx. Motor Weight (b-ft)         (b-ft)         (b-ft)         (b-ft)         (b-ft)         (b-ft)         (b)         0         145         215         2.32           Safe Stall Time(s)         Sound         Pressure dB(A) @ 1M         DE         NDE         (b-ft)         (b-f								-	-
Load         3.75         2.8         9.0         82.3         56.9           0 Load         7.5         0.2         0.2         0.0         0.2           ocked Rotor         109         39.4         0.2         0.2         0.2           cold         109         39.4         0.2         0.2         0.2         0.2           cold         109         39.4         0.2									
0 Load         7.5         6.2           ocked Rotor         109         39.4           Torque         Rotor wk           Full Load         Locked Rotor         Pull Up         Break Down         Inertia           (lb-ft)         (% FLT)			2.8	9.	0	82.3		56	6.9
Safe Stall Time(s)         Sound (% FLT)         Full Load (% FLT)         Rotor wk Inertia (% FLT)           54.1         190         145         215         2.32           Safe Stall Time(s)         Sound Pressure dB(A) @ 1M         Bearings*         Approx. Motor Weight (bs)           35         15         -         6309ZZC3         6309ZZC3         (bs)           100r Options: roduct Family.EOP Global Brake Mounting-Fooled, Shaft 1 Shaft trake Torque (b-ft): 75.00         TosHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A.         International context of the MCE-1119/1           1 characteristics are average expected values.         Doe Wittin By         0. Suare         Doe J /Ref         MCE-1119/1	lo Load			7.	5			6	.2
Torque         Torque         Rotor wk           (b-ft)         Locked Rotor         Pull Up         Break Down         Inertia           (b-ft)         (% FLT)         (% FLT)         (% FLT)         (b-ft)           54.1         190         145         215         2.32           Safe Stall Time(s)         Sound Pressure dB(A) @ 1M         DE         NDE         (ibs)           35         15         -         6309ZZC3         6309ZZC3         6309ZZC3           asarings are the only recommended spare part(s).         It of the part of the p	ocked Rotor		-						
Safe Stall Time(s)         Sound Pressure dB(A) @ 1M         Bearings*         Approx. Motor Weight (bs)           35         15         -         6309ZC3         6309ZC3           verings are the only recommended spare part(s).           teorings are the only recommended spare part(s).           totor Options: roduct Pamily:EOP Global Brake fourting: Fore Shaft: T Shaft trake Torque (lb-ft): 75.00           ustomer PO ales Order roject #           g:           I characteristics are average expected values.           TOSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A. ToSHIBA INTERNATIONAL CORPORATION - HOUSTON, TEXAS U.S.A.				Rotor	Pu	•			
Safe Stall Time(s)       Sound Pressure dB(A) @ M       Bearings*       Approx. Motor Weight (bs)         35       15       -       6309ZZC3       6309ZZC3         tearings are the only recommended spare part(s).       .       .       .         totor Options: roduct Family:EQP Global Brake louning:Food(shaft: T Shaft) rake Torque (b-ft): 75.00       .       .         ustomer							(*		
Iotor Options:  roduct Family: EOP Global Brake  kounting: Footed, Shaft: T Shaft 	35	15					C3	(11	
ustomer PO ales Order roject # ag: I characteristics are average expected values. I characteristics are average expected values. Engineering bmammen Doc. Written By D. Suarez Doc.# / Rev MPCF-1119 / 0	Motor Options:	P Global Brake							
I characteristics are average expected values.           TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.           Engineering         bmammen         Doc. Written By         D. Suarez         Doc. # / Rev         MPCF-1119 / 0	Mounting:Footed,SI	naft:T Shaft							
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.           Engineering         bmammen         Doc. Written By         D. Suarez         Doc.# / Rev         MPCF-1119 / I	Mounting:Footed,SI	naft:T Shaft							
Engineering         bmammen         Doc. Written By         D. Suarez         Doc.# / Rev         MPCF-1119 / 0	Iounting:Footed,Si ake Torque (lb-ft) ustomer PO ales Order roject # ag:	naft:T Shaft : 75.00							
	lounting:Footed,SI rake Torque (lb-ft) ustomer PO ales Order roject # ag:	naft:T Shaft : 75.00 							
	Iounting:Footed,Si Take Torque (lb-ft) Ustomer PO ales Order roject # ag: I characteristics are av	naft:T Shaft : 75.00 erage expected va	TOSHIBA INTER	NATIONAL CO					
	Mounting:Footed,Sl Brake Torque (lb-ft) Customer PO Sales Order Project # Tag:	haft:T Shaft : 75.00 erage expected va	TOSHIBA INTER	NATIONAL CO				Doc.# / Rev Doc. Issued	MPCF-1119 / 0 6/8/2011



Model: 0154SDBA41A-P

kW

11

IP

55

Rotor wk<sup>2</sup>

Inertia

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

2.32

HP

15

Enclosure

TEFC

Locked Rotor

Amps

118

350

280

(%) anbio 140

70

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		Issued Date	6/20/202	25	Transmit #	
		Issued Date Issued By	dschoed		Issued Rev	
		issueu By			155040 KeV	
	SPEED TORG		IT CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	1770	254T	230/460	60	3	40/20
ns. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.15	CONT	75.0	В		40 C
			Torque			
Full Load		d Rotor	Pull Up	0	Break	
(lb-ft) 44.5		<b>%)</b> 40	<b>(%)</b> 185		<b>(%</b> 28	
					3	<sup>20</sup> Current (%
						60 <b>)</b> 30

100

80

40 60 Synchronous Speed (%)

Torque Current

20

Customer		wk <sup>2</sup> Load Inertia (Ib-ft <sup>2</sup> )	-
Customer PO		Load Type	-
Sales Order		Voltage (%)	100
Project #		Accel. Time	-

Tag:

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	5/5/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				



HP

15

Enclosure

TEFC

Locked Rotor

Amps

109

Customer

Project #

Tag:

		Issued Date	6/20/202	25	Transmit #	
		Issued By	dschoed		Issued Rev	
SI	PEED TORQ	UE/CURREN	IT CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	1455	254T	190/380	50	3	46/23
Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.0	CONT	89.8	В		40 C
		-	Torque			
Full Load	Locked		Pull U	0	Break	
(lb-ft) 54.1	<b>(%</b> 19		<b>(%)</b> 145		<b>(%)</b> 215	
	Des	sign Value				-
	Des	sign Value				50
	Des	sign Value			5	-
	Des	sign Value			5	50
	Des	sign Value			5	50 40 30 -
	Des	sign Value			5	50 40 30 <b>Current (%</b>

110

-

-

100

\_

MPCF-1121 / 0

6/8/2011

Model: 0154SDBA41A-P

kW

11

IP

55

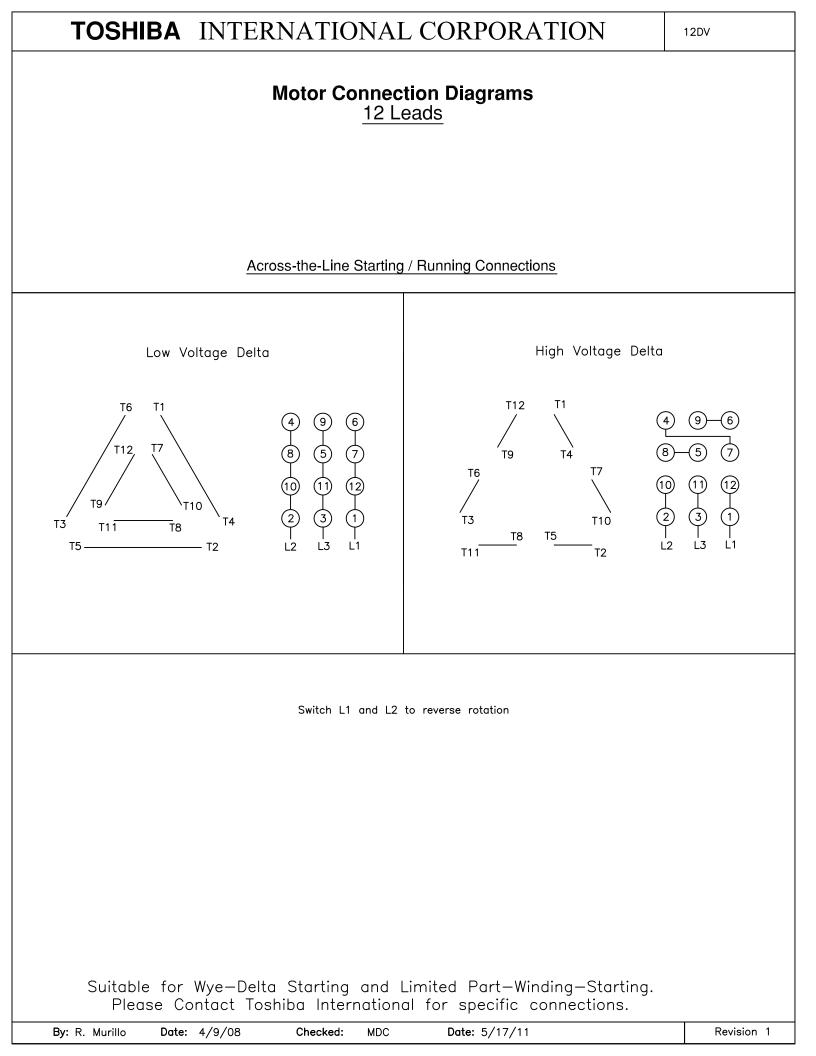
Rotor wk<sup>2</sup>

Inertia

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

2.32





				Issued Date:	6/20/20	-	Transmit #:	
TOSHI	IBA			Issued By:	dschoe	eck	Issued Rev:	
eading Inno.	ovation >>>	•	SPARI	E PARTS LIS	T*			
Model:	0154SDBA41	A-P						
Model: _	0154SDBA41/	A-P Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
			<b>FL RPM</b> 1770	<b>Frame</b> 254T	<b>Voltage</b> 230/460	<b>Hz</b> 60	Phase 3	<b>FL Amps</b> 40/20
HP	kW	Pole				_		

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.					
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.					
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 0
Engr. Date	5/5/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011