



ΗP

0.75

Enclosure

TEFC

Load

Full Load 3/4 Load

1/2 Load

1/4 Load No Load Locked Rotor

Model: 3/42SDSR32H-P

kW

0.55

IP

55

HP

0.75

0.56

0.37

0.19

Pole

2

Ins. Class

F

kW

0.6

0.4

0.3

0.1

		Issued Date	6/19/20	25	Transmit #	
		Issued By	dschoe	ck	Issued Rev	
ΤΥΡΙ	CAL MOTO	R PERFORM	ANCE DATA			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	3510	56C	230/460	60	3	2.2/1.1
ss	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.25	CONT	84.0	-		40 C
	Amp		Efficiency	/ (%)	Power Fa	
		1.1 84.8				
				72		
	-	0.7			61	-
	0.6 0.5 7.4		63.3		43.0	
					10	-
					54	7

Torque						
Full Load	Full Load Locked Rotor Pull Up Break Down					
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)		
1.12	220	170	275	0.04		

Safe Stall Time(s)		Sound	Sound Bearings*		Approx. Motor Weight
Cold	Hot	Pressure	Dealin	Approx. Motor Weight	
Colu	not	dB(A) @ 1M	DE	DE NDE	
35	15		6305ZZ	6305ZZ	48

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

Motor Options: Product Family:EQP Global SD CFace Footed Mounting:C-Face Footed,Shaft:56

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

All characteristics are average expected values.										
	TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.									
Engineering	SPinzon	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119/0					
Engr. Date	6/23/2022	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011					



Leading Innovation >>>

## 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
0.50	0.37	2	2925	56C	190/380	50	3	1.8/0.9
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA	NEMA	kVA Code	Ambient
TEEO			1.0		Nom. Eff.	Design		(°C)
TEFC	55	F	1.0	CONT	81.5	-		40 C
oad	HP	kW	Ampe	eres	Efficiency	y (%)	Power F	actor (%)
ull Load	0.50	0.4	0.9		82.1		75	5.3
Load	0.37	0.3	0.	7	79.2		68	3.1
₂ Load	0.25	0.2	0.	6	72.6			7.1
Load	0.12	0.1	0.	6	56.4		40	).5
o Load			0.					1.9
ocked Rotor			6.	6			58	3.9
		1	Torque					Rotor wk <sup>2</sup>
Full Lo			d Rotor		ll Up		ak Down	Inertia
(lb-ft			FLT)		FLT)	(%	% FLT)	(lb-ft²)
0.90	)	2	65		200		300	0.04
Cold	Hot	dB(A) @ 1M	DE		NDE		(Ik	os)
35	15	dB(A) @ 1M	<b>DE</b> 6305		<b>NDE</b> 6305Z			<b>55)</b> 18
	15 ecommended spar	e part(s).						
35 Bearings are the only re <b>Notor Options:</b> Product Family:EQF	15 ecommended spar	e part(s).						
35 Bearings are the only re <b>Notor Options:</b> Product Family:EQF Nounting:C-Face Fo	15 ecommended spar	e part(s).						
35 Bearings are the only re <b>lotor Options:</b> Product Family:EQF Aounting:C-Face Fo	15 ecommended spar	e part(s).						
35 Bearings are the only re lotor Options: Product Family:EQF Aounting:C-Face Fo Aounting:C-Face Fo ustomer PO ales Order	15 ecommended spar	e part(s).						
35 Bearings are the only re lotor Options: roduct Family:EQF Mounting:C-Face Fo Mounting:C-Face Fo ustomer ustomer ustomer PO ales Order roject #	15 ecommended spar	e part(s).						
35 Bearings are the only re lotor Options: roduct Family:EQF founting:C-Face Fo dounting:C-Face Fo ustomer ustomer PO ales Order roject #	15 ecommended spar	e part(s).						
35 otor Options: roduct Family:EQF tounting:C-Face Fo ustomer ustomer PO ales Order roject # ag:	15 ecommended span P Global SD CF ooted,Shaft:56	e part(s). ace Footed	6305	;zz	6305Z	Z		
35 Bearings are the only re Product Family:EQF Mounting:C-Face For Mounting:C-Face For	15 ecommended span P Global SD CF ooted,Shaft:56	e part(s). Face Footed	6305	JZZ	6305Z	Z 		I8
35 Bearings are the only re <b>Notor Options:</b> Product Family:EQF	15 ecommended spar P Global SD CF ooted,Shaft:56	e part(s). ace Footed	6305	;zz	6305Z	Z (AS U.S.A.		I8



HP

0.75

Enclosure

TEFC

Locked Rotor

Amps

7.4

Engr. Date

Model: 3/42SDSR32H-P

kW

0.55

IP

55

Rotor wk<sup>2</sup>

Inertia

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

0.04

Pole

2

Ins. Class

F

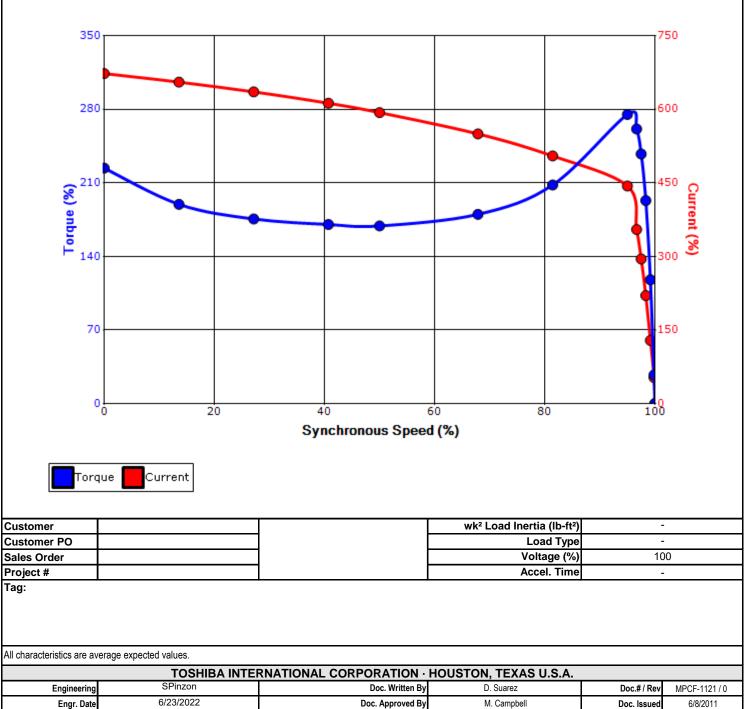
Full Load

(lb-ft)

1.12

Issued Date       6/19/2025       Transmit #         Issued By       dschoeck       Issued Rev         SPEED TORQUE/CURRENT CURVE         FL RPM       Frame       Voltage       Hz       Phase       FL Amps         3510       56C       230/460       60       3       2.2/1.1         S.F.       Duty       NEMA       NEMA       KVA Code       Ambient (°C)         1.25       CONT       84.0       -       40 C         Torque         Locked Rotor       Pull Up       Break Down         (%)       (%)       (%)       275         Design Values       750       750							
FL RPM       Frame       Voltage       Hz       Phase       FL Amps         3510       56C       230/460       60       3       2.2/1.1         S.F.       Duty       NEMA Nom. Eff.       NEMA Design       KVA Code (°C)       Ambient (°C)         1.25       CONT       84.0       -       40 C         Torque         Locked Rotor       Pull Up       Break Down         (%)       (%)       (%)       (%)         220       170       275			Issued Date	6/19/202	25	Transmit #	
FL RPM         Frame         Voltage         Hz         Phase         FL Amps           3510         56C         230/460         60         3         2.2/1.1           S.F.         Duty         NEMA Nom. Eff.         NEMA Design         KVA Code         Ambient (°C)           1.25         CONT         84.0         -         40 C           Torque           Locked Rotor         Pull Up         Break Down           (%)         (%)         (%)         275			Issued By	dschoed	ж	Issued Rev	
3510         56C         230/460         60         3         2.2/1.1           S.F.         Duty         NEMA Nom. Eff.         NEMA Design         KVA Code (°C)         Ambient (°C)           1.25         CONT         84.0         -         40 C           Torque           Locked Rotor         Pull Up (%)         Break Down (%)         (%)           220         170         275	SF	PEED TORQ	UE/CURREN	IT CURVE			
3510         56C         230/460         60         3         2.2/1.1           S.F.         Duty         NEMA Nom. Eff.         NEMA Design         KVA Code (°C)         Ambient (°C)           1.25         CONT         84.0         -         40 C           Torque           Locked Rotor         Pull Up (%)         Break Down (%)         (%)           220         170         275		FL RPM	Frame	Voltage	Hz	Phase	FL Amps
S.F.         Duty         Nom. Eff.         Design         kVA Code         (°C)           1.25         CONT         84.0         -         40 C           Torque           Locked Rotor         Pull Up (%)         Break Down (%)           220         170         275		3510	56C	-	60	3	
Torque           Locked Rotor         Pull Up         Break Down           (%)         (%)         (%)           220         170         275		S.F.	Duty			kVA Code	Ambient (°C)
Locked Rotor     Pull Up     Break Down       (%)     (%)     (%)       220     170     275		1.25	CONT	84.0	-		40 C
(%)         (%)         (%)           220         170         275           Design Values				Torque			
220 170 275 Design Values		Locked	Rotor	Pull Up	)	Break	Down
Design Values		(%	<b>b</b> )	(%)		(%	5)
		22	0	170		27	5
	-	Des	sign Valu	es		7	50
600							

Doc. Issued





ΗP

0.50

Enclosure

TEFC

Locked Rotor

Amps

6.6

350

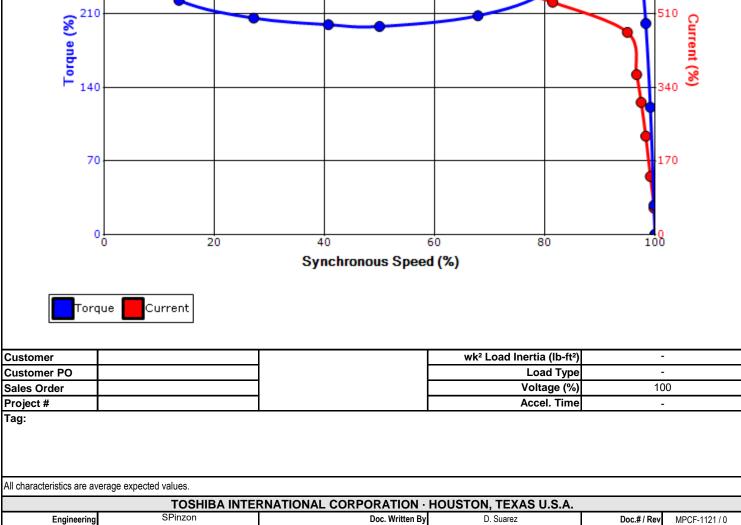
280

		Issued Date	6/19/202	25	Transmit #	
		Issued By	dschoed	ж	Issued Rev	
S	PEED TORQ	UE/CURREN	T CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	2925	56C	190/380	50	3	1.8/0.9
Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.0	CONT	81.5	-		40 C
			Torque			
Full Load	Locked		Pull Up	)	Break	
(lb-ft) 0.90	<b>(%</b> 26		<b>(%)</b> 200		<b>(%</b> 30	
	Des	sign Value	es			
	Des	sign Value	es			50
	Des	sign Value	es		6	50 80 10 Current (%

M. Campbell

6/8/2011

Doc. Issued



Doc. Approved By

3/42SDSR32H-F Model:

kW

0.37

IP

55

Rotor wk<sup>2</sup>

Inertia

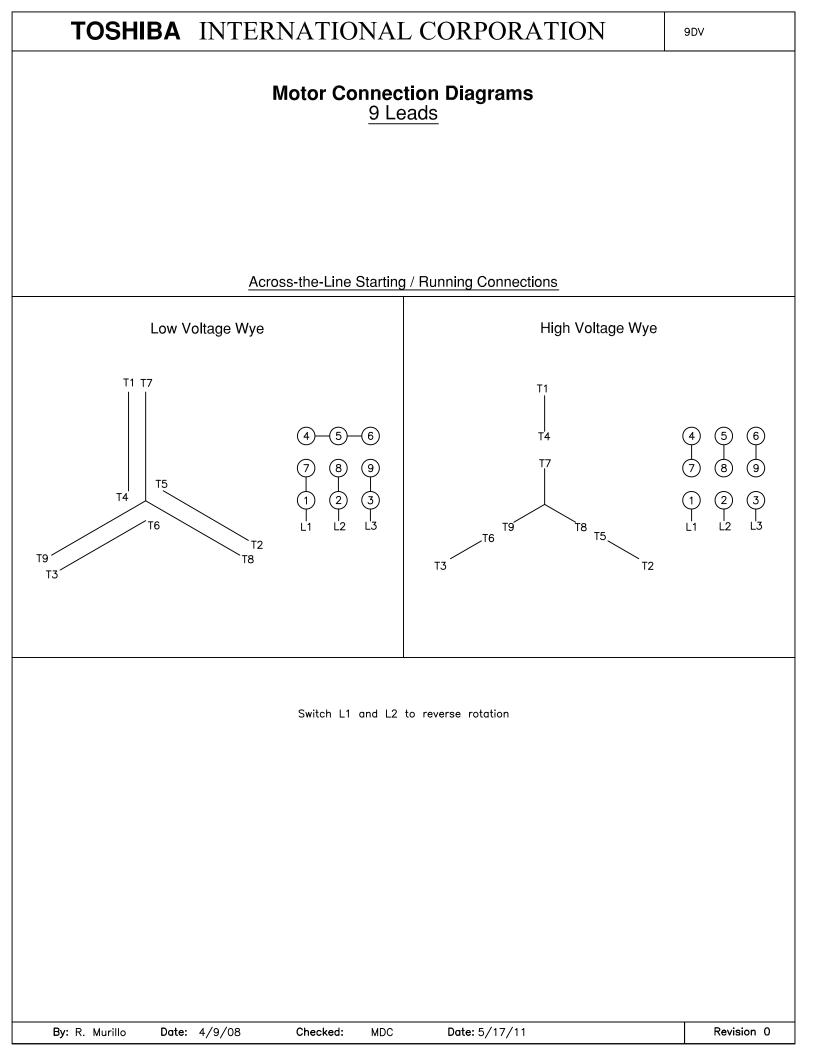
(lb-ft<sup>2</sup>)

0.04

6/23/2022

Engr. Date

		JELL	•
Model	3/42SDSB32H_P		



				Issued Date:	6/19/20	25	Transmit #:	
TOSHIBA				Issued By:	dschoe	eck	Issued Rev:	
Leading Inn Model:	ovation >>>> 3/42SDSR32H		SPAR	E PARTS LIS	T*			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
0.75	0.55	2	3510	56C	230/460	60	3	2.2/1.1
					NEMA	NEMA		Ambient
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	kVA Code	(°C)

Bearings DE	6305ZZ / 25BC03JPPOX
Bearings NDE	6305ZZ / 25BC03JPPOX

\*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 aver	rage expected values.				
	TOSHIBA INTEI	RNATIONAL CORPORATION · H	OUSTON, TEXAS U.S.A.		
Engineering	SPinzon	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0
Engr. Date	6/23/2022	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011