



Model: 0036SDSR42A-P

2.2

IP

55

HP

3.00

2.25

1.50

0.75

Pole

6

Ins. Class

F

kW

2.2

1.7

1.1

0.6

		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 Amp
	1175	213TC	230/460	60	3	8.8/4.4
ss	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambien (°C)
	1.15	CONT	89.5	В		40 C
	Amp		Efficienc		Power Fa	. ,
	4.		89.8		71.3	
	3.		88.7		63.6	
	2.		85.2 76.9		50.9 37.4	
		5	70.9		5.	
_						

Torque							
Full Load	Full Load Locked Rotor Pull Up Break Down						
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)			
13.4	275	195	405	1.03			

Safe Stall	Safe Stall Time(s)		Bearin	NG6*	Approx. Motor Weight	
Cold	Hot	Pressure Bearings*		Approx. Motor weight		
Colu	not	dB(A) @ 1M	DE	DE NDE		
35	15	-	6308ZZC3	6308ZZC3	161	

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

Customer

Motor Options: Product Family:EQP Global SD CFace Footed

Customer PO Sales Order Project # Tag:

Engr. Date

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 8/6/2024

Doc. Approved By

M. Campbell

Doc. Issued

6/8/2011

Mounting:C-Face Footed,Shaft:T Shaft

Enclosure TEFC

3

Load

Full Load

3/4 Load

1⁄₂ Load

1/4 Load No Load Locked Rotor

HP kW



TYPICAL	MOTOR	PERFORM	IANCE DATA

Issued Date

Issued By

6/19/2025

dschoeck

Transmit #

Issued Rev

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
3	2.2	6	964	213TC	190/380	50	3	10.2/5.1
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0	CONT	86.5	B		40 C
			1.0	CONT	00.0	U		
oad	HP	kW	Ampe		Efficiency		Power Fa	
ull Load	3.00	2.2	5.		88.4		75	
Load	2.25	1.7	4.		88.3		69	
2 Load	1.50	1.1	3.		86.2		57	
Load	0.75	0.6	2.		79.5		43	
o Load			2.				5.	
ocked Rotor			32	2			44	4
Full Lo (Ib-f	t)	Locked (% F	FLT)	Pu (%	ıll Up FLT)	(%	ak Down 6 FLT)	Rotor wk Inertia (Ib-ft²)
16.4	4	19	95		135		465	1.03
	Hot			_				
35 Bearings are the only n	28 ecommended spar	,	DF 63082		NDE 6308ZZ		(lb 16	-
Bearings are the only r Iotor Options: Product Family:EQ	28 ecommended spar	re part(s).						-
Bearings are the only re lotor Options: Product Family:EQ Nounting:C-Face F	28 ecommended spar	re part(s).						-
Bearings are the only re lotor Options: roduct Family:EQ founting:C-Face F	28 ecommended spar	re part(s).						-
earings are the only r otor Options: roduct Family:EQ lounting:C-Face F ustomer ustomer PO ales Order	28 ecommended spar	re part(s).						-
earings are the only r otor Options: roduct Family:EQ lounting:C-Face F ustomer ustomer PO ales Order roject #	28 ecommended spar	re part(s).						-
iearings are the only re roduct Family:EQ founting:C-Face F ustomer ustomer PO ales Order roject # ag:	28 ecommended spar	re part(s). Face Footed Shaft	63082	72C3	6308ZZ	C3		-
Bearings are the only re Totor Options: Product Family:EQ Mounting:C-Face F Sustomer Sustomer PO Sales Order Project # Tag: Il characteristics are av	28 ecommended spar P Global SD CF ooted,Shaft:T S	re part(s). Face Footed Shaft alues. TOSHIBA INTER	63082	PRPORATION ·	6308ZZ	C3		51
	28 ecommended spar P Global SD CF ooted,Shaft:T S	re part(s). Face Footed Shaft	63082	72C3	6308ZZ	C3		-



HP

3

Enclosure

TEFC

Locked Rotor

Amps

32

Model: 0036SDSR42A-P

kW

2.2

IP

55

Rotor wk²

Inertia

(lb-ft²)

1.03

Pole

6

Ins. Class

F

Full Load

(lb-ft)

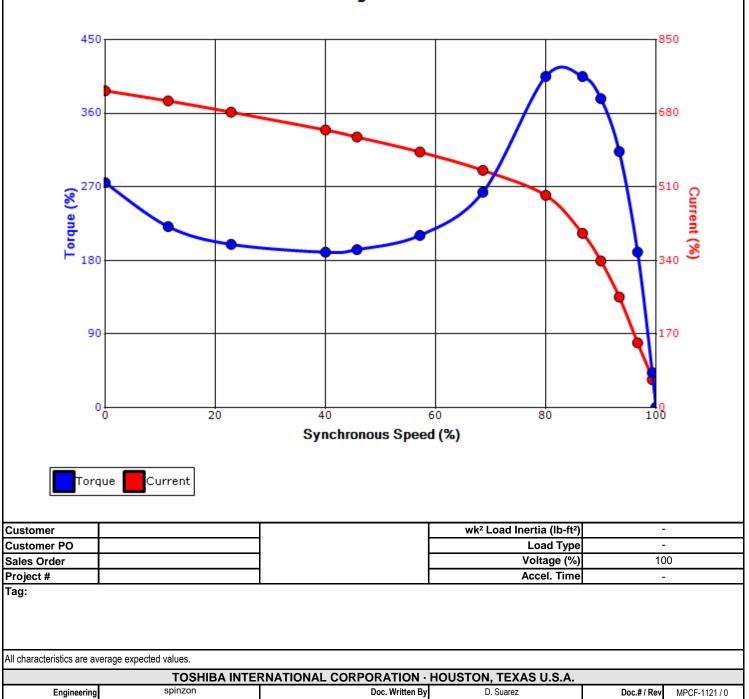
13.4

		Issued Date	6/19/202	25	Transmit #	
		Issued By	dschoed	ж	Issued Rev	
SF	PEED TORQ	UE/CURREN	IT CURVE			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1175	213TC	230/460	60	3	8.8/4.4
	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.15	CONT	89.5	В		40 C
			Torque			
Т	Locked	Rotor	Pull Up)	Break	Down
	(%	b)	(%)		(%	6)
	27	5	195		40)5
	Des	sign Valu	es			50

M. Campbell

6/8/2011

Doc. Issued



8/6/2024 Engr. Date Doc. Approved By



HP

3

Enclosure

TEFC

Locked Rotor

Amps

32

500

400

(%) 300 L 200

100

ᅆ

Model: 0036SDSR42A-P

kW

2.2 IP

55 Rotor wk²

Inertia

(lb-ft²)

1.03

6 964 213TC 190/380 50 3 10.2/5.1 Class S.F. Duty NEMA Nom. Eff. NEMA Design KVA Code (°C) Ambient (°C) F 1.0 CONT 86.5 B 40 C Torque I Load Locked Rotor Pull Up Break Down							
Dele TORQUE/CURRENT CURVE Pole FL RPM Frame Voltage Hz Phase FL Amps 6 964 213TC 190/380 50 3 10.25.1 1 Class S.F. Duty NEMA NEMA NEMA kVA Code Ambient (°C) F 1.0 CONT 86.5 B 40 C 1 Load Locked Rotor Pull Up Break Down 405 16.4 195 135 465 50			Issued Date	6/19/202	25	Transmit #	
Pole FL RPM Frame Voltage Hz Phase FL Arps. 6 964 213TC 190/380 50 3 10.2/5.1 1.0 Class S.F. Duty Nom. Eff. Design kVA Code Ambient (*C) F 1.0 CONT 86.5 B 40.C Torque 1Load Locked Rotor Yeil Up Break Down (%) 16.4 195 135 465			Issued By	dschoed	k	Issued Rev	
6 964 213TC 190/380 50 3 10.2/5.1 Class S.F. Duty NEMA Nom. Eff. Design kVA Code Ambient (°C) F 1.0 CONT 86.5 B 40 C Torque I Load Locked Rotor Pull Up Break Down (%) (%) (%) 465 465 Design Values 700 700 960 280 100 135 465 Design Values 700 900 140 140 140 140 100	S	PEED TOR	QUE/CURREN	T CURVE			
Class S.F. Duty NEMA Nom. Eff. NEMA Design KVA Code Ambient (°C) F 1.0 CONT 86.5 B 40 C Torque I Load Locked Rotor Pull Up Break Down (%) (%) (%) (%) 18.4 195 135 465 Design Values Optimized and the second and	Pole	FL RPM					
Class S.F. Duty Nom. Eff. Design kVA Code (°C) F 1.0 CONT 86.5 B 40.C Torque I Load Locked Rotor Pull Up Break Down (%) (%) (%) (%) (%) 16.4 195 135 465	6	964	213TC			3	
I Load Locked Rotor Pull Up Break Down (%) (%) (%) (%) (%) 16.4 195 135 465 Design Values	ns. Class	S.F.				kVA Code	(°C)
Load Locked Rotor Pull Up Break Down (%) (%) (%) (%) 16.4 195 135 465 Design Values 0 0 0 0 0 100 0 0 0 0 0	F	1.0	CONT		В		40 C
Ib-ft) (%) (%) (%) 16.4 195 135 465 Design Values						_	
16.4 195 135 465 Design Values	Full Load)		
Design Values	(lb-ft)						
						-	60
	_						²⁰ 2
20 40 60 80 100						2	rrent (%) 80
20 40 60 80 100						Ţ	
							40
	20			50	80		
170000005 100000 1000	20				00	100	

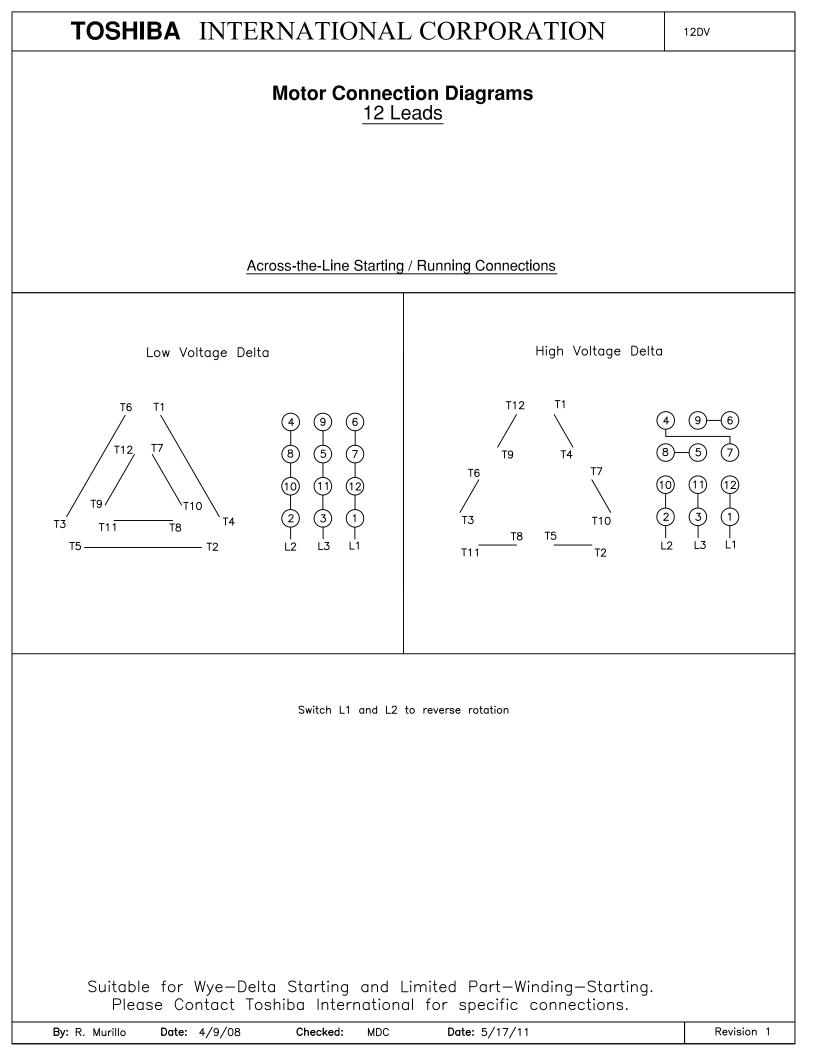
Torque Current

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

Tag:

All characteristics are average expected values.

	in online one 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	8/6/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				



		Issued Date:	6/19/2025
TOSHIBA		Issued By:	dschoeck
Leading Innovation >>>	SPARE	E PARTS LIS	ST*
Model: 0036SDSR42A-P			

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
3	2.2	6	1175	213TC	230/460	60	3	8.8/4.4
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	Bearings DE 6308ZZC3 / 40BC03JPP3OA							
Bearings NDE	6308ZZC3 / 40	6308ZZC3 / 40BC03JPP3OA						

Transmit #:

Issued Rev:

*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:	Fag:								
All characteristics are av	All characteristics are average expected values.								
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.									
Engineering	spinzon	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0				
Engr. Date	8/6/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				