



Model: 0106SDSR42A-P

kW

7.5

IP

55

HP

10.00

7.50

5.00

2.50

Pole

6

Ins. Class

F

kW

7.5

5.6

3.7

1.9

		Issued Date	6/19/20	25	Transmit #	
		Issued By	dschoeck		Issued Rev	
TYPI	ICAL MOTO	R PERFORM	ANCE DATA			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1170	256TC	230/460	60	3	26.8/13.4
ss	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambien (°C)
	1.15	CONT	91.0	В		40 C
	Amp		Efficiency	/ (%)	Power Fa	\ <i>\</i>
	13		91.2		76.4	
		.8	90.6		71.4	
	8.5		88.5		61.6	
	5.	-	82.7		49	
	6.	-			4.	-
	87				44	4

	Torque			Rotor wk ²
Full Load	Locked Rotor	Pull Up	Break Down	Inertia
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)
44.9	295	185	345	2.65

Safe Stall Time(s)		Sound	Bearin	une*	Approx. Motor Weight
Cold	Hot	Pressure	ressure Bearings*		Approx. Motor Weight
Colu	not	dB(A) @ 1M	DE	NDE	(lbs)
30	15	-	6309ZZC3	6309ZZC3	282

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

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

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

All characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering zxie Doc. Written By D. Suarez Doc.# / Rev MPCF-1119/0 7/10/2024 Engr. Date Doc. Approved By M. Campbell Doc. Issued 6/8/2011

Load

Full Load

3/4 Load

1⁄₂ Load

1/4 Load No Load Locked Rotor

HP

10

Enclosure

TEFC



TYPICAL MOTOR PERFORMANCE DA

Issued Date

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6/19/2025

dschoeck

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Issued Rev

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	0106SDSR42A	∖- ₽			-			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	6	960	256TC	190/380	50	3	30.2/15.1
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA	NEMA	kVA Code	Ambient
Enclosure	IP	ins. class	Э.г.	Duty	Nom. Eff.	Design	KVA Code	(°C)
TEFC	55	F	1.0	CONT	89.1	В		40 C
oad	НР	kW	Ampe	eres	Efficienc	y (%)	Power Fa	actor (%)
ull Load	10.00	7.5	15		89.2		84	
Load	7.50	5.6	11	.7	89.7		80).5
2 Load	5.00	3.7	8.	9	88.6		71	.7
Load	2.50	1.9	5.	9	83.5		56	6.8
o Load			5.	4			5	.6
ocked Rotor			9				43	
			Torque					Rotor wk ²
Full L		Locked			ull Up		ak Down	Inertia
(lb-f		(% F			6 FLT)	(%	6 FLT)	(lb-ft²)
54.	7	2	15		155		235	2.65
Cold 35	Hot 15	dB(A) @ 1M	DI 63092		NDE 6309ZZ		(lbs) 282	
30	15	-	63092	203	630922	.03	20	52
Product Family:EQ Mounting:C-Face F	P Global SD CF ooted,Shaft:T S	ace Footed haft						
Notor Options: Product Family:EQ Mounting:C-Face F	P Global SD CF Footed,Shaft:T S	ace Footed haft						
Product Family:EQ Mounting:C-Face F Customer Customer PO	P Global SD CF Footed,Shaft:T S	ace Footed haft						
Product Family:EQ Mounting:C-Face F Customer Customer PO Sales Order	P Global SD CF Footed,Shaft:T S	ace Footed haft						
Product Family:EQ Mounting:C-Face F Customer Customer PO Gales Order Project #	P Global SD CF Footed,Shaft:T S	ace Footed haft						
voduct Family:EQ lounting:C-Face F ustomer PO ales Order roject # ag:	Footed,Shaft:T S	haft						
voduct Family:EQ lounting:C-Face F ustomer PO ales Order roject # ag:	Footed,Shaft:T S	lues.						
vroduct Family:EQ lounting:C-Face F ustomer PO ales Order roject # ag:	ooted,Shaft:T S	lues.	NATIONAL CO					
Product Family:EQ Nounting:C-Face F Sustomer Sustomer PO ales Order	ooted,Shaft:T S	lues.	NATIONAL CO	PRPORATION · Doc. Written By Doc. Approved By	D. Suarez	2	Doc.# / Rev Doc. issued	MPCF-1119 / 0 6/8/2011



		Issued Date	6/19/202	-	Transmit #		
		Issued By	dschoed	ck	Issued Rev		
SI	PEED TORQ	UE/CURREN	T CURVE				
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
	1170	256TC	230/460	60	3	26.8/13.4	
;	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)	
	1.15	CONT	91.0	В		40 C	
			Torque				
Ι	Locked		Pull U	0	Break		
	(%		(%)		(%)		
	29	5	185		345		
	Des	sign Value	es				
	Des	sign Value	es		<u>n</u>	50	
_	Des	sign Value	es				

MPCF-1121 / 0

6/8/2011

Model: 0106SDSR42A-P

kW

7.5

IP

55

Rotor wk²

Inertia

(lb-ft²)

2.65

Pole

6

Ins. Class

F

Full Load

(lb-ft)

44.9

HP

10

Enclosure

TEFC

Locked Rotor

Amps

87

400 320 240 160		680
80		510 340 170
0 20 40 60 Synchronous Speed (%)	80	100
Torque Current		
	Load Inertia (Ib-ft ²)	-
Customer PO	Load Type	-
Sales Order	Voltage (%) Accel. Time	100
Project # Tag:	Accel. Lime	-



HP

10

Enclosure

TEFC

Locked Rotor

Amps

91

300

240

8¹⁸⁰

Model: 0106SDSR42A-P

kW

7.5

IP

55

Rotor wk²

Inertia

(lb-ft²)

2.65

		Issued Date	6/19/20	25	Transmit #	
			dschoe			
	Issued By		uschoe	CK	Issued Rev	
SF	PEED TORQ	UE/CURREN	T CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
6	960	256TC	190/380	50	3	30.2/15.1
Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.0	CONT	89.1	В		40 C
			Torque			
	اردياري ا					
Full Load	LOCKED	Rotor	Pull U	р	Break	Down
(lb-ft)	(%	5)	(%)	p	(%	b)
	(% 21	5)	(%) 155	p		b)
(lb-ft)	(% 21	5	(%) 155	p	(% 23	b)

140

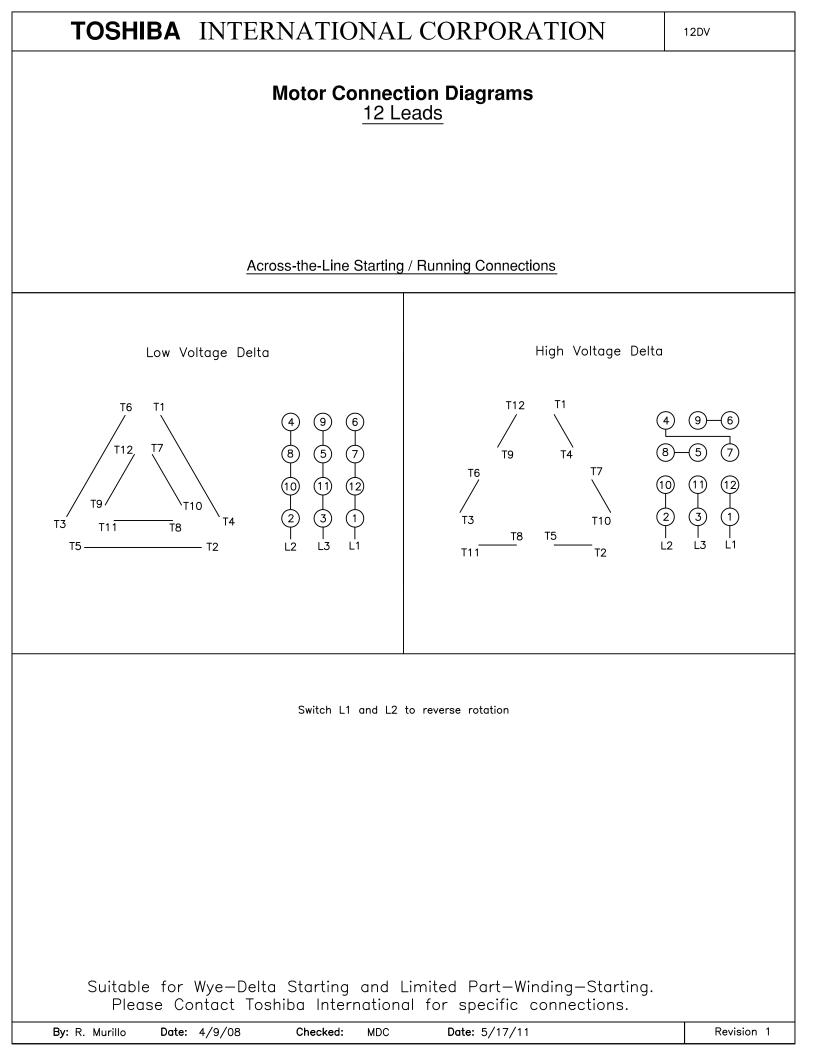
108

anbio 130		• •		
1 20				
60				
0 <mark>.</mark>	20	40	60	80
		Synchronou	is Speed (%)	
	Current			
Customer			WK ² LO	oad Inertia (Ib-ft²)
Customer PO				Load Type

--100 Sales Order Voltage (%) Project # Accel. Time -Tag:

All characteristics are average expected values.

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Engineering	zxie	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0				
Engr. Date	7/15/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				



	Issued Date:
TOSHIBA	Issued By:
Leading Innovation >>>	
	SPARE PARTS LIST*

Model: 0106SDSR42A-P

01003D3R42/	∖- Γ						
kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
7.5	6	1170	256TC	230/460	60	3	26.8/13.4
IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
55	F	1.15	CONT	91.0	В		40 C
6309ZZC3 / 4	5BC03JPP3OA						
6309ZZC3 / 4	5BC03JPP3OA						
	kW 7.5 IP 55 6309ZZC3 / 4	7.56IPIns. Class	kW Pole FL RPM 7.5 6 1170 IP Ins. Class S.F. 55 F 1.15 6309ZZC3 / 45BC03JPP3OA	kW Pole FL RPM Frame 7.5 6 1170 256TC IP Ins. Class S.F. Duty 55 F 1.15 CONT 6309ZZC3 / 45BC03JPP3OA	kW Pole FL RPM Frame Voltage 7.5 6 1170 256TC 230/460 IP Ins. Class S.F. Duty NEMA Nom. Eff. 55 F 1.15 CONT 91.0 6309ZZC3 / 45BC03JPP3OA	kW Pole FL RPM Frame Voltage Hz 7.5 6 1170 256TC 230/460 60 IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design 55 F 1.15 CONT 91.0 B 6309ZZC3 / 45BC03JPP3OA	kW Pole FL RPM Frame Voltage Hz Phase 7.5 6 1170 256TC 230/460 60 3 IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design KVA Code 55 F 1.15 CONT 91.0 B 6309ZZC3 / 45BC03JPP3OA

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*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		Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 0
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