



ΗP

2

Enclosure

TEFC

Load

Full Load 3/4 Load

1/2 Load

1/4 Load No Load Locked Rotor

Model: 0024SDBA42A-P

kW

1.5

IP

55

ΗP

2.00

1.50

1.00

0.50

novation >>>	
	TYPICAL MOT

Pole

4

Ins. Class

F

kW

1.5

1.1

0.7

0.4

FL RPM

1750

S.F.

1.15

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ľ	Issued By	dschoec	k	Issued Rev	
OR	R PERFORM	ANCE DATA			
	Frame	Voltage	Hz	Phase	FL Amps
	145TC	230/460	60	3	5.6/2.8
	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambien (°C)
	CONT	86.5	B		40 C
		Efficiency	(%)	Power Fa	
	3	87.1		75.	-
2.8					
2.8 2.3	3	86.8		69.	-
2.8 2.3 1.9	3	84.4		58.	4
2.3	3) 3				4 6

	Torque	e		Rotor wk ²
Full Load	Locked Rotor	Pull Up	Break Down	Inertia
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft ²)
6.00	270	205	335	0.15

Safe Stall	Time(s)	Sound	Bearin	uae*	Approx. Motor Weight
Cold	Hot	Pressure			
		dB(A) @ 1M	DE	NDE	(lbs)
32	27	-	6305ZZC3	6305ZZC3	73

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

Motor Options: Product Family:EQP Global Brake Mounting:C-Face Footed,Shaft:T Shaft Brake Torque (lb-ft): 10.00

Customer Customer PO Sales Order Project #

Tag:

All characteristics are average expected values.

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TYPICAL MOTOR PERFORMANCE DATA

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		<u> </u>		_				
НР 2	kW 1.5	Pole 4	FL RPM 1430	Frame 145TC	Voltage 190/380	Hz 50	Phase 3	FL Amps 6.6/3.3
Enclosure	IP	4 Ins. Class	S.F.	Duty	NEMA	NEMA	kVA Code	Ambient
				-	Nom. Eff.	Design		(°C)
TEFC	55	F	1.0	CONT	83.5	-		40 C
oad	HP	kW	Ampe	eres	Efficiency	/ (%)	Power F	actor (%)
ull Load	2.00	1.5	3.		83.7			2.7
Load	1.50	1.1	2.	5	85.2		78	3.2
Load	1.00	0.7	1.		84.3			3.1
Load	0.50	0.4	1.	3	79.4		55	5.0
o Load			1.					.5
ocked Rotor			34	4			1	1.4
			Toren					Deter ud/2
Full Lo	ad	Locke	Torque d Rotor		ıll Up	Bro	ak Down	Rotor wk ² Inertia
(lb-ft			FLT)		FLT)		6 FLT)	(lb-ft ²)
7.35			15		165		235	0.15
Cold 32	Hot 22	dB(A) @ 1M -	DI 63052		NDE 6305ZZ		-	os) 73
32	22	-					-	-
	22 ecommended spar	- e part(s).					-	-
32 Bearings are the only re Iotor Options: Product Family:EQF Aounting:C-Face Fo	22 ecommended spar	- e part(s).					-	-
32 Bearings are the only re lotor Options: Product Family:EQF Jounting:C-Face Fo Brake Torque (Ib-ft):	22 ecommended spar	- e part(s).					-	-
32 earings are the only re otor Options: roduct Family:EQF lounting:C-Face Fo rake Torque (lb-ft): ustomer ustomer PO	22 ecommended spar	- e part(s).					-	-
32 earings are the only re otor Options: roduct Family:EQF lounting:C-Face Fo rake Torque (lb-ft) ustomer ustomer PO ales Order	22 ecommended spar	- e part(s).					-	-
32 Bearings are the only re Product Family:EQF Aounting:C-Face Fo Brake Torque (Ib-ft) Stake Torque (Ib-ft) Sustomer Sustomer PO ales Order Toject #	22 ecommended spar	- e part(s).					-	-
32 Bearings are the only re roduct Family:EQF Mounting:C-Face Fo Grake Torque (lb-ft) ustomer ustomer PO ales Order roject # ag:	22 ecommended spar P Global Brake boted,Shaft:T S : 10.00	e part(s). Shaft	63052	⁷ ZC3	6305ZZ	C3	-	-
32 vearings are the only re otor Options: Product Family:EQF Jounting:C-Face Fo Irake Torque (Ib-ft) ustomer ustomer PO ales Order roject # ag: I characteristics are ave	22 ecommended spar P Global Brake boted,Shaft:T S : 10.00	e part(s). Shaft	63052	rzc3	6305ZZ	C3		
32 Bearings are the only re Notor Options: Product Family:EQF Mounting:C-Face Fo	22 ecommended spar P Global Brake boted,Shaft:T S : 10.00	e part(s). Shaft	63052	⁷ ZC3	6305ZZ	C3 	-	/3



HP 2 Enclosure TEFC Locked Rotor Amps 22

Customer Customer PO Sales Order Project # Tag:

SHI	BA			Issued Date Issued By	6/20/202 dschoed		Transmit # Issued Rev	
	vation >>>			<u> </u>				
9		SI	PEED TORQ	UE/CURREN	T CURVE			
		_						
lodel:	0024SDBA42A-	Р						
	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1.5	4	1750	145TC	230/460	60	3	5.6/2.8
re	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	55	F	1.15	CONT	86.5	В		40 C
4.0.11	Rotor wk ²				Torque		•	
tor	Inertia	Full Load	Locked	Rotor	Pull U)	Break I	Down
	(lb-ft²)	(lb-ft)	(%		(%)		(%)
	0.15	6.00	27	0	205		33	5
80- 0		20	40 Synch	6 ronous Speed	0 (%)	80	5	20 40 Current (%) 50 80
240 240 160 80		_				80	5	40 Current (%)
(%) anho 160- 80-		_			(%)		5	40 Current (%)
240 160 80		_			(%)	nertia (Ib-ft²)	5 3 100	40 Current (%)
(%) anbio 160 80		_			wk² Load II			40 Current (%) 50

All characteristics are average expected values.						
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HP

2

Enclosure

TEFC

Locked Rotor

Amps

34

300

240

(%) anb_ot 120

120

60

ᅆ

Model: 0024SDBA42A-P

kW

1.5

IP

55 Rotor wk²

Inertia

(lb-ft²)

0.15

		Issued Date	6/20/202		Transmit #	
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S	PEED TORQ	UE/CURREN	T CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	1430	145TC	190/380	50	3	6.6/3.3
ns. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.0	CONT	83.5	-		40 C
			Torque			<u></u>
Full Load	Locked		Pull Up		Break	
(lb-ft) 7.35	(% 21		(%) 165		(% 23	
					5	50
						²⁰ o
						Current (%)
					1	40
	1				1	
20	40	6	0	80	108	

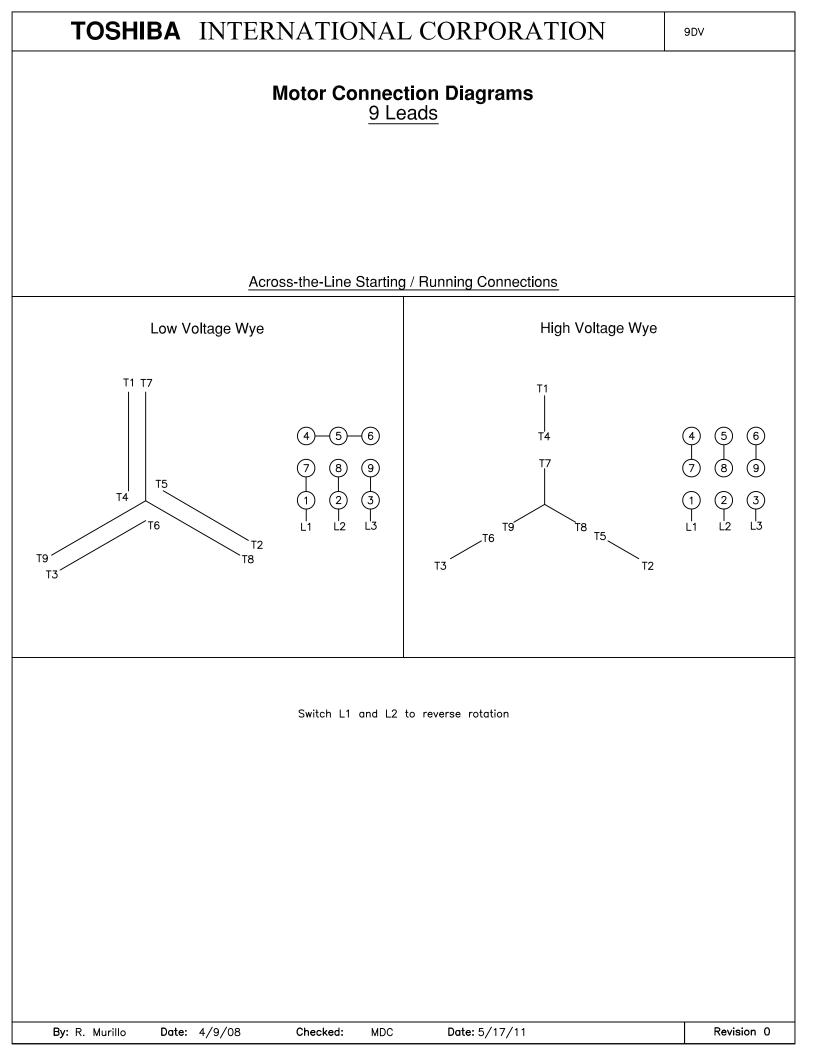
Torque Current

Customer	wk ² Load Inertia	(lb-ft²) -
Customer PO	Loa	d Type -
Sales Order	Volta	age (%) 100
Project #	Acce	I. Time -

Tag:

All characteristics are average expected values.

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	Issued Date:
TOSHIBA	Issued By:
Leading Innovation >>>	SPARE PARTS LIST*
Model: 0024SDRA42A D	

Model	0024SDBA42A	4- Р								
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps		
2	1.5	4	1750	145TC	230/460	60	3	5.6/2.8		
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)		
TEFC	55	F	1.15	CONT	86.5	В		40 C		
Bearings DE 6305ZZC3 / 25BC03JPP3OA										
Bearings NDE	6305ZZC3 / 25BC03JPP3OA									

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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.										
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