



kW

30

IP

55

ΗP

40.00

30.00

20.00

10.00

Pole

4

Ins. Class

F

kW

29.8

22.4

14.9

7.5

Model: 0404SDSR42A-P

HP

40

Enclosure

TEFC

Load

Full Load

3/4 Load

1⁄₂ Load

1/4 Load No Load Locked Rotor

		Issued Date	7/18/2023	3	Transmit #	
		Issued By	dschoeck		Issued Rev	
ГҮР	ICAL MOTO	R PERFORM	ANCE DATA			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1775	324TC	230/460	60	3	96/48
s	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.15	CONT	94.1	В	G	40 C
		eres	Efficiency 94.1	y (%)	Power Fa	
		37	93.4		82	
		28	91.6			
		1	84.9		52.0	
		5.6	2.10			
	15					

	Torque								
Full Load	Full Load Locked Rotor Pull Up Break Down								
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)					
118	180	155	275	9.80					

Safe Stall	Safe Stall Time(s)		Bearin	NG6*	Approx. Motor Weight
Cold	Hot	Pressure	Dealli	Bearings* Approx. M	
Colu	not	dB(A) @ 1M	DE	NDE	(lbs)
35	15	-	6312C3	6312C3	624

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

Customer

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

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

All characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering jhock Doc. Written By D. Suarez Doc.# / Rev MPCF-1119/0 3/17/2014 Engr. Date Doc. Approved By M. Campbell Doc. Issued 6/8/2011



Leading Innovation >>>

## TYPICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

7/18/2023

dschoeck

Transmit #

Issued Rev

<b>HP</b> 40	kW	Pole 4	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	4	1470	324TC	190/380 NEMA	50 NEMA	3	114/57 Ambient
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	kVA Code	(°C)
TEFC	55	F	1.0	CONT	93.0	-	F	40 C
oad	HP	kW	Ampe		Efficiency	ı (%)		actor (%)
ull Load	40.00	29.8	57		93.0		85	
Load	30.00	22.4	43		94.3		84	
2 Load	20.00	14.9	31		94.6		80	
Load	10.00	7.5	20		86.1		63	.3
lo Load			15. 31				26	6
ocked Rotor				• 				
			Torque	9				Rotor wk <sup>2</sup>
Full Lo			d Rotor		ıll Up		ak Down	Inertia
(lb-ft			FLT)		FLT)	(%	6 FLT)	(lb-ft²)
143		14	40		135		225	9.80
			DI		NDE		(lb	os)
35	15	dB(A) @ 1M -	<b>DI</b> 63124		NDE 6312C3		(Ib 62	-
Bearings are the only re <b>Notor Options:</b> Product Family:EQP Glo	ecommended spare	- e part(s).					-	-
35 Bearings are the only re <b>Aotor Options:</b> Product Family:EQP Glo Mounting:C-Face Footed	ecommended spare	- e part(s).					-	-
Bearings are the only re Iotor Options: Product Family:EQP Glo Nounting:C-Face Footer	ecommended spare	- e part(s).					-	-
Bearings are the only re Iotor Options: roduct Family:EQP Glo lounting:C-Face Footed sustomer	ecommended spare	- e part(s).					-	-
Bearings are the only re Totor Options: roduct Family:EQP Glo founting:C-Face Footer founting:C-Face Footer Totomer PO	ecommended spare	- e part(s).					-	-
Bearings are the only re Iotor Options: roduct Family:EQP Glo Nounting:C-Face Footer Sustomer Sustomer PO ales Order	ecommended spare	- e part(s).					-	-
iearings are the only re roduct Family:EQP Glo lounting:C-Face Footer ustomer ustomer PO ales Order roject #	ecommended spare	- e part(s).					-	-
earings are the only re otor Options: roduct Family:EQP Glo lounting:C-Face Footer lounting:C-Face Footer ustomer ustomer PO ales Order roject #	ecommended spare	- e part(s).					-	-
earings are the only re otor Options: roduct Family:EQP Glo ounting:C-Face Footer ustomer ustomer PO ales Order roject #	ecommended spare	e part(s). Deted	63124	C3	6312C3		-	-
earings are the only re roduct Family:EQP Glo lounting:C-Face Footer ustomer ustomer PO ales Order roject # ag:	ecommended spare	e part(s). oted	63124	C3	6312C3	AS U.S.A.	62	
Bearings are the only re <b>Notor Options:</b> Product Family:EQP Glo	ecommended spare	e part(s). Deted	63124	C3	6312C3	AS U.S.A.	-	-



		7/40/0000				
	Issued Date	7/18/2023		Transmit #		
	Issued By	dschoeck		Issued Rev		
EED TORQ	UE/CURREN	IT CURVE				
FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
1775	324TC	230/460	60	3	96/48	
S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)	
1.15	CONT	94.1	В	G	40 C	
		Torque				
Locked		Pull Up	)	Break Down		
(%		(%)		(%)		
18		155		275		
-	-			27	5	
-	₀ sign Valu			7	'00	
-	-			5		

Leading Innovation >>>

HP

40

Enclosure

TEFC

Locked Rotor

Amps

289

350

280

(%) anbio 140

## SF

Model: 0404SDSR42A-P

kW

30

IP

55

Rotor wk<sup>2</sup>

Inertia

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

9.80

Pole

4 Ins. Class

F

Full Load

(lb-ft)

118

0	20	40 Synch	60 ronous Speed (%	80	108	
		Synch	Tonous Opeed (76	,		
_	_					
Torque	Current					
1				wk2 Load Inortia (lb_ft2)	-	
				wk <sup>2</sup> Load Inertia (lb-ft <sup>2</sup> )		
ustomer PO				Load Type	-	
ustomer PO ales Order roject #						



HP

40

Enclosure

TEFC

Locked Rotor

Amps

318

300

240

(%) anbio 120

60

		-				
		Issued Date	7/18/2023		Transmit #	
		Issued By	dschoeck		Issued Rev	
S	PEED TORG	QUE/CURREN	T CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	1470	324TC	190/380	50	3	114/57
ns. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.0	CONT	93.0	-	F	40 C
			Torque			
Full Load		d Rotor	Pull Up	)	Break	
(lb-ft) 143		<b>%)</b> 40	(%) 135		<b>(%</b> 225	
	• •				5	20
	• •	• • •			2	90 Current (%)
					1	50

Model: 0404SDSR42A-P

kW

30

IP

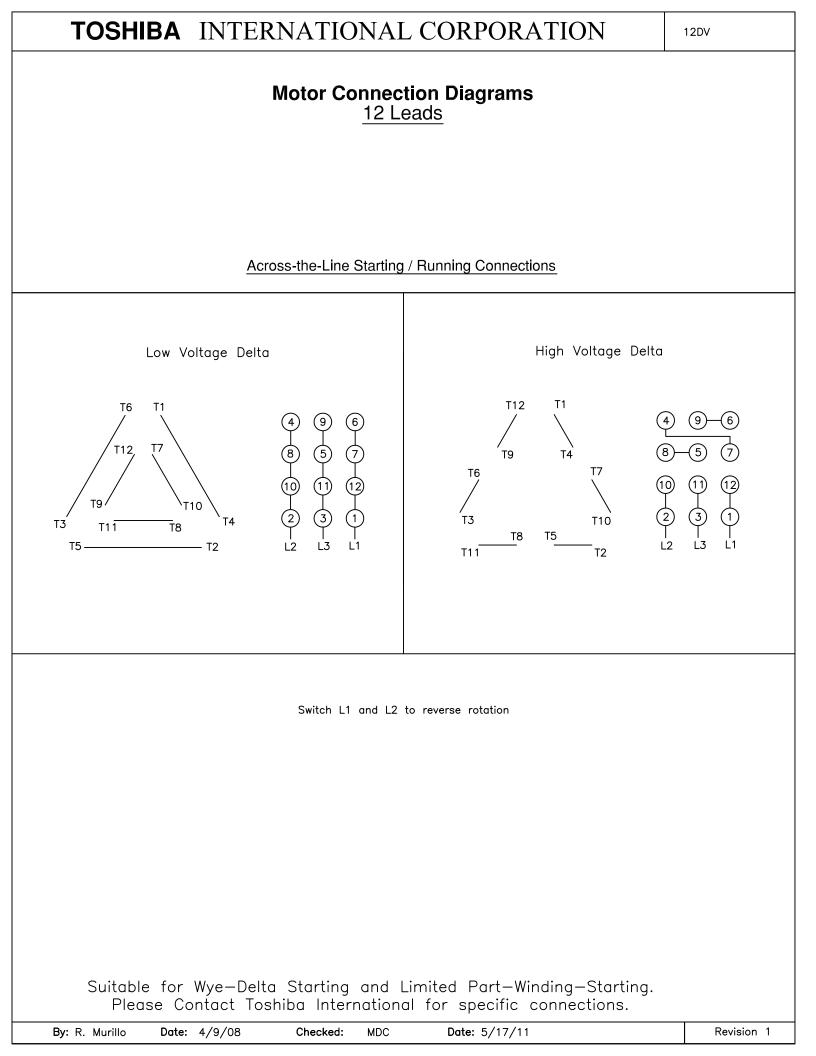
55 Rotor wk<sup>2</sup>

Inertia

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

9.80

0	0 20	40	50 80	100	
		Synchronous Speed		100	
Torq	ue Current				
ustomer			wk <sup>2</sup> Load Inertia (lb-ft <sup>2</sup> )	-	
ustomer PO			Load Type	-	
ales Order			Voltage (%)	100	)
roject #			Accel. Time	-	
ag:	arage expected values.				
Il characteristics are ave			HOUSTON, TEXAS U.S.A.		
Il characteristics are ave	TOSHIBA IN1	ERNATIONAL CORFORATION ·			
Il characteristics are ave Engineering	TOSHIBA INT	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121/0



		Issued Date:	7/18/2023
TOSHIBA		Issued By:	dschoeck
Leading Innovation >>> Model: 0404SDSR42A-P	SPARE	PARTS LIS	ST*

Model:	0404SDSR42A-I
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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
40	30	4	1775	324TC	230/460	60	3	96/48
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	94.1	В	G	40 C
Bearings DE	6312C3 / 60BC0	3J3OX						
earings NDE	6312C3 / 60BC0	3J3OX						

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:					
All characteristics are av	verage expected values.				
	TOSHIBA INTEI	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering		Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0
Engr. Date	3/17/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011



Model: 0404SDSR42A-P

kW

30

IP

55

Pole

4

Ins. Class

F

HP

40

Enclosure

TEE

	Issued Date:	7/18/2023		Transmit #:	
	Issued By:	dschoeck	Issued Rev:		
SPARI	E PARTS LIS	ST*			
FL RPM	Frame	Voltage	Hz	Phase	FL Amps
<b>FL RPM</b> 1470	Frame 324TC	Voltage 190/380	<b>Hz</b> 50	Phase 3	<b>FL Amps</b> 114/57

03 U

ILIC	- 55		1.0	CONT	95.0	-	I	40 C
Bearings DE	6312C3 / 60BC03J3OX							
Bearings NDE	6312C3 / 60BC03J	13OX						

10

\*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.

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Customer					
Customer PO					
Sales Order					
Project #					
Tag:					
All characteristics are average	e expected values.				
	TOSHIBA INTE	RNATIONAL CORPORATION · H	OUSTON, TEXAS U.S.A.		
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 0
Engr. Date	7/26/2019	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011