ROTATION TROM NDE 17.0		+0.002	11.3
FROM NDE			10.6 0 0 0 0 0 0 0 0 0 0 0 0 0
BEARINGS         APPROX.           LS         OS         WEIGHT           6308ZZC3         6308ZZC3         186 lbs			2. STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE. 3. KEY DIMENSIONS EQUAL (MOTOR SUPPLIED WITH KEY)
CUSTOMER:         MOTOR MO           P.O. NO.:         HP:         VOLTAGE:	DEL NO.: RPM(SYN.): HZ:	TAG NUMBERS	X STANDARD (NO AUX. BOXES)
FRAME SIZE: 210T PRODUCT TYPE: COOLING TOWN	ER		RTD AUX. BOX
			SPACE HEATER AUX. BOX
PER:	DATE:		BEARING RTD's
TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICA	L IMPROVEMENT AND THE DATA MAY C	HANGE WITHOUT NOTICE	X PRELIMINARY
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATIO	ON PURPOSES UNLESS THE DRAWING IS	MARKED AS CERTIFIED	CERTIFIED
TOSHIBA INTERNATIONAL CORPORATION	MDSLV505- TOTALLY ENCLOSEI 3 PHASE INDUCTIC F1 ASSEMB	D AIR OVER IN MOTOR	ECOPCIODATCT XT SERIES
	FI ASSEIVID		www.toshiba.com/ind



TYPICAL	MOTOR	PERFO

6/20/2025

dschoeck

Transmit #

Issued Rev

Issued Date

Issued By

Model:	0104FAGR41	λ-P						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1770	215T	230/460	60	3	26.4/13.2
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA	NEMA	kVA Code	Ambient
TEAO	56	F	1.15	CONT	Nom. Eff. 91.7	Design B		(° <b>C)</b> 40 C
12110		i		00111	0	2		10 0
oad	НР	kW	Amp	eres	Efficienc	y (%)	Power Fa	actor (%)
ull Load	10.00	7.5	13		91.9			<u>'.0</u>
Load	7.50	5.6	10	.8	90.9		71	.5
2 Load	5.00	3.7	8.		88.4		61	
Load	2.50	1.9	5.		82.0		48	
	2.00	1.0			02.0			
o Load ocked Rotor	-	-	<u>6</u> . 8					.0 3.7
	•							
			Torqu	e				Rotor wk
Full L	oad	Locked	d Rotor		ull Up	Brea	ak Down	Inertia
(lb-1			FLT)		5 FLT)		% FLT)	(lb-ft <sup>2</sup> )
29.	-		05		225		350	1.33
Cold	Hot	dB(A) @ 1M	D	E	NDE		Approx. Mo	-
35	15	-	D 63082		NDE 6308ZZ		(Ib	-
	15 ecommended spare	- e part(s).					(Ib	os)
35 Bearings are the only r Motor Options: Product Family:EQ Mounting:Footed,S Mounting:Footed,S	15 ecommended spare	- e part(s).					(Ib	os)
35 Bearings are the only r Motor Options: Product Family:EQ Mounting:Footed,S Mounting:Footed,S Customer Customer PO Sales Order Project #	15 ecommended spare	- e part(s).					(Ib	os)
35 Bearings are the only r Notor Options: Product Family:EQ Mounting:Footed,S Mounting:Footed,S	15 ecommended spare	- e part(s).					(Ib	os)
35 Bearings are the only r Product Family:EQ Aounting:Footed,S	15 ecommended spare P Global Cooling haft:T Shaft		63082	ZZC3	6308ZZ	2C3	(Ib	os)
35 Bearings are the only r Product Family:EQ Mounting:Footed,S Sustomer Sustomer PO ales Order roject # ag:	15 ecommended spare P Global Cooling haft:T Shaft	part(s). g Tower	63082	ZZC3	6308ZZ	(AS U.S.A.	(	<b>95)</b> 38
35 Bearings are the only r Notor Options: Product Family:EQ Mounting:Footed,S Mounting:Footed,S	15 P Global Cooling haft:T Shaft verage expected va		63082	ZZC3	6308ZZ	(AS U.S.A.	(Ib	os)



## TYPICAL MOTOR PERFORMANCE DATA

Issued Date

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6/20/2025

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Transmit #

Issued Rev

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1455	215T	190/380	50	3	31.2/15.6
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEAO	56	F	1.0	CONT	89.5	В		40 C
oad	HP	kW	Amp		Efficiency	y (%)		actor (%)
ull Load	10.00	7.5	15		89.9			).8
Load	7.50	5.6	12		89.9			6.9
Load	5.00 2.50	3.7 1.9	9. 6.		88.3 82.7			3.0 3.9
Load o Load	2.30	1.9	6.		02.7		4	
ocked Rotor			8				39	
Full Lc (lb-fi			Torque d Rotor FLT)	Ρι	ıll Up 5 FLT)		ak Down ⁄6 FLT)	Rotor wk <sup>2</sup> Inertia (Ib-ft <sup>2</sup> )
36.2			00		155	(/	275	1.33
	Hot	dB(A) @ 1M	D		NDE		(16	os)
35 Bearings are the only re	15	dB(A) @ 1M	DI 63082		NDE 6308ZZ		(Ib 1	<b>95)</b> 88
Bearings are the only re <b>Iotor Options:</b> Product Family:EQF	15 ecommended spare	- e part(s).						-
Bearings are the only re <b>Notor Options:</b> Product Family:EQF Mounting:Footed,Sf Mounting:Footed Second State Customer Customer PO	15 ecommended spare	- e part(s).						-
Bearings are the only re lotor Options: roduct Family:EQF lounting:Footed,Sf ustomer ustomer PO ales Order	15 ecommended spare	- e part(s).						-
Bearings are the only re Notor Options: Product Family:EQF Nounting:Footed,Sf Nounting:Footed,Sf Sustomer Sustomer PO Sales Order Project #	15 ecommended spare	- e part(s).						-
iearings are the only re roduct Family:EQF founting:Footed,Sf ustomer ustomer PO ales Order roject # ag:	15 ecommended spare P Global Cooling haft:T Shaft		63082	22C3	6308ZZ	C3		-
Idearings are the only re Idotor Options: Iroduct Family:EQF Iounting:Footed,Sf Iounting:Footed,Sf Iounting:Footed,Sf Interpret PO ales Order roject # ag: I characteristics are av	15 ecommended spare P Global Cooling haft:T Shaft	part(s). Tower	63082	RPORATION ·	6308ZZ	C3		
Bearings are the only re <b>Notor Options:</b> Product Family:EQF Mounting:Footed,Sh Customer	15 ecommended spare P Global Cooling haft:T Shaft		63082	22C3	6308ZZ	C3		-



HP

10

Enclosure

TEAO

Locked Rotor

Amps

87

400

Model: 0104FAGR41A-P

kW

7.5

IP

56

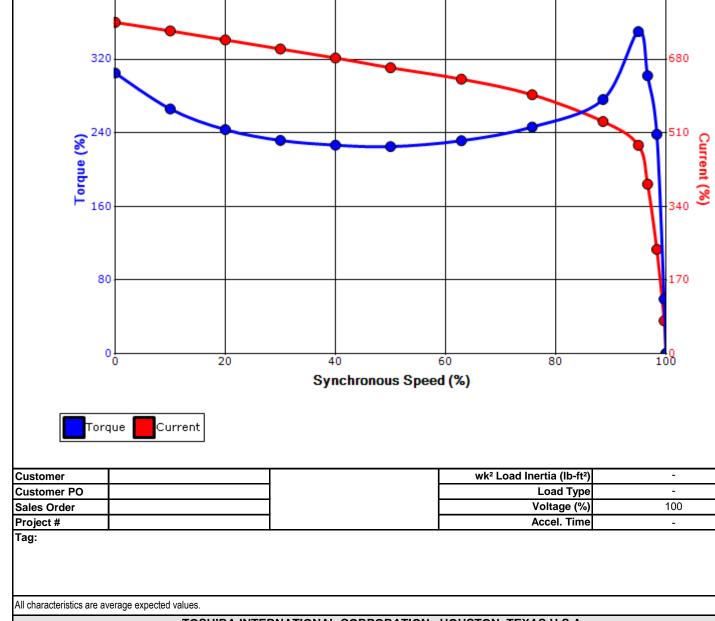
Rotor wk<sup>2</sup>

Inertia

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

1.33

		Issued Date	6/20/20	25	Transmit #	
		Issued By	dschoe	ck	Issued Rev	
S	PEED TORQ	UE/CURREN	T CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	1770	215T	230/460	60	3	26.4/13.2
ns. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.15	CONT	91.7	В		40 C
		_	Torque			
Full Load	Locked		Pull U	р	Break	
(lb-ft) 29.7	<b>(%</b> 30		<b>(%)</b> 225		<b>(%</b> 35	
		sign Value				50
-					^	
					6	50 80
					6	50



TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.							
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0		
Engr. Date	5/5/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011		



HP

10

Enclosure

TEAO

Locked Rotor

Amps

86

350

280

(%) anbjog 140

70

ᅆ

Model: 0104FAGR41A-P

kW

7.5

IP

56 Rotor wk<sup>2</sup>

Inertia

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

1.33

			0/00/00	05		
		Issued Date	6/20/20		Transmit #	
		Issued By	dschoe	CK	Issued Rev	
	PEED TORQ	UE/CURREN	T CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	1455	215T	190/380	50	3	31.2/15.6
Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.0	CONT	89.5	В		40 C
			Torque			
Full Load	Locked		Pull U	р	Break I	
(lb-ft)	(%		(%)		(%	
36.1	20	0	155		27	5
					6	50
					5	20
					5	
					5 3 2	20 90 Current (%

100

80

Torque ECurrent

20

Customer	wk <sup>2</sup> Load Inertia (Ib-ft	
Customer PO	Load Typ	e -
Sales Order	Voltage (%	<b>b)</b> 100
Project #	Accel. Tim	е -

Synchronous Speed (%)

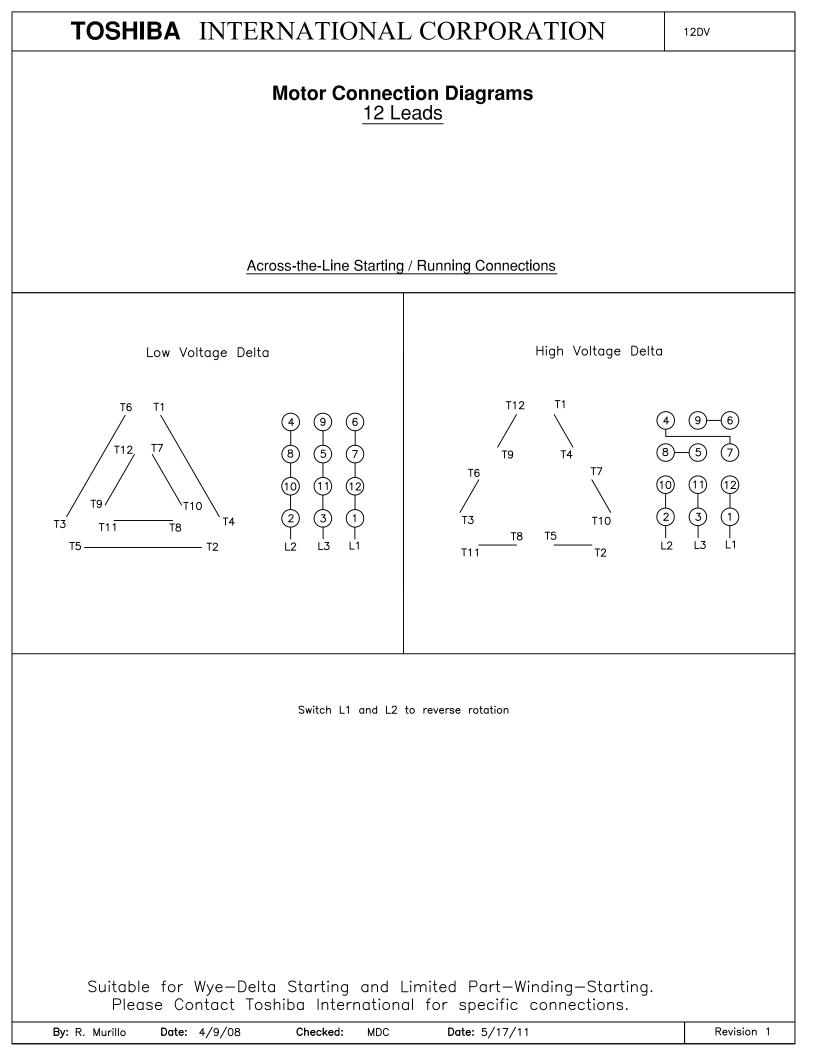
60

40

Tag:

All characteristics are average expected values

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.									
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0				
Engr. Date	5/5/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				





Pole

4

	Issued Date:	6/20/20	25	Transmit #:				
	Issued By:	Issued By: dschoeck						
SPARE PARTS LIST*								
FL RPM	Frame	Voltage	Hz	Phase	FL Amps			
<b>FL RPM</b> 1770	Frame 215T	<b>Voltage</b> 230/460	<b>Hz</b> 60	Phase 3	FL Amps 26.4/13.2			

Model: 0104FAGR41A-P

kW

7.5

HP

10

EnclosureIPIns. ClassS.F.TEAO56F1.15

Bearings DE	6308ZZC3 / 40BC03JPP3OX
Bearings NDE	6308ZZC3 / 40BC03JPP3OX

\*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 INTE	RNATIONAL CORPORATION · H	HOUSTON, TEXAS U.S.A.		
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1125 / 0
Engr. Date	5/5/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011