UNITS: INCHES	80 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6
BEARINGS APPROX. LS OS WEIGHT 6305ZZC3 6305ZZC3 56 lbs	ONLY BY CONNECTION CHANGE. 3. KEY DIMENSIONS EQUAL 0.188" x 0.188" x 0.188" x 1.38" (MOTOR SUPPLIED WITH KEY)
CUSTOMER: MOTOR MODEL NO.: P.O. NO.: HP: VOLTAGE: RPM(SYN.): HZ: FRAME SIZE: 140T PRODUCT TYPE: COOLING TOWER COOLING TOWER	TAG NUMBERS X STANDARD (NO AUX. BOXES)
PER: J. HOCK DATE: 01/24/17	BEARING RTD's
TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY	CHANGE WITHOUT NOTICE X PRELIMINARY
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING	IS MARKED AS CERTIFIED
TOSHIBA INTERNATIONAL CORPORATION	ED AIR OVER ON MOTOR XT SERIES



Model: 3/46FAGR41A-P

kW

0.55

IP

56

HP

0.75

0.56

0.38

0.19

	Issued Date Issued By	6/27/2022 dschoeck		Transmit # Issued Rev	
мото	R PERFORM	ANCE DATA			
LRPM	Frame	Voltage	Hz	Phase	FL Amps
1170	143T	230/460	60	3	2.6/1.3
S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
1.15	CONT	80.0	В		40 C
	eres	Efficienc 79.3		Power Fa	
	.0	75.5			
	.0	72.9		60.8 48.2	
	.9	59.7		32.0	
0	0.8			10.3	
-	.8	7.9			

Torque						
Full Load	Locked Rotor	Pull Up	Break Down	Inertia		
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft ²)		
3.37	220	175	275	0.15		

Safe Stall	Time(s)	Sound	Bearin	Approx. Motor Weight	
Cold	Hot	Pressure	Dealin	Approx. Motor Weight	
Cold	not	dB(A) @ 1M	DE	NDE	(lbs)
35	15	-	6305ZZC3	6305ZZC3	

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

Motor Options:

Customer

Mounting:Footed,Shaft:T Shaft

Customer PO Sales Order Project # Tag:

All characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. BMammen Engineering Doc. Written By D. Suarez Doc.# / Rev MPCF-1119/0 Engr. Date 11/20/2019 Doc. Approved By M. Campbell Doc. Issued 6/8/2011

TYPICAL MO

Pole

6

Ins. Class

F

kW

0.6

0.4

0.3

0.1

ΗP

0.75

Enclosure

TEAO

Load

Full Load

3/4 Load

1⁄₂ Load

1/4 Load No Load Locked Rotor



ITFICAL MOTOR FERFORMANCE DATA	TYPICAL MOTOR	PERFORMANCE DATA
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Issued Date

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HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
0.75	0.55	6	950	143T	190/380	50	3	3.0/1.5
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEAO	56	F	1.0	CONT	78.5			40 C
TEAU	50		1.0	CONT	16.5	-		40 C
oad	HP	kW	Amp		Efficiency	/ (%)	Power Fa	
ull Load	0.75	0.6	1.		80.5		63	-
Load	0.56	0.4	1.		79.7		55	
2 Load	0.38	0.3	1.		76.2		44	
Load	0.19	0.1	0.		60.9		37	
lo Load			0.				10	
ocked Rotor			9.	-			65	
			Torque					Rotor wk
Full Lo		Locked			ull Up		ak Down	Inertia
(lb-ft 4.15		(% F			6 FLT) 145	(%	% FLT) 225	(lb-ft²) 0.15
Safe Stall		Sound Pressure			Approx. Mo	rox. Motor Weight (Ibs)		
Colu	Hot	dB(A) @ 1M	DI	E	NDE		(lb	s)
60 Bearings are the only re	47 ecommended spar	dB(A) @ 1M	DI 63052		NDE 6305ZZ		(Ib	s)
	47 ecommended spar	-					(II)	s)
60 Bearings are the only re Notor Options: Mounting:Footed,Sh	47 ecommended spar	-					(1)	s)
60 Bearings are the only re Motor Options: Mounting:Footed,Sh Customer Customer PO	47 ecommended spar	-					(16	s)
60 Bearings are the only re lotor Options: Nounting:Footed,Sh Sustomer Sustomer PO Sales Order	47 ecommended spar	-					(16	s)
60 Bearings are the only re lotor Options: Nounting:Footed,Sh Nounting:Footed,Sh Sustomer Sustomer Sustomer PO iales Order 'roject #	47 ecommended spar	-					(16	s)
60 Bearings are the only re lotor Options: Nounting:Footed,Sh Nounting:Footed,Sh Sustomer Sustomer Sustomer PO iales Order 'roject #	47 ecommended spar	-						s)
60 Bearings are the only re lotor Options: Nounting:Footed,Sh Sustomer Sustomer PO ales Order roject # ag:	47 ecommended spar	re part(s).	63052	22C3	6305ZZ	C3		s)
60 Bearings are the only re Notor Options: Nounting:Footed,Sh Sustomer Sustomer PO Sales Order Project # ag:	47 ecommended spar naft:T Shaft	re part(s).	63052	PRPORATION -	6305ZZ	C3		
60 Bearings are the only re	47 ecommended spar naft:T Shaft	re part(s).	63052	22C3	6305ZZ	C3	(lb	s)

Leading Innovation >>> SPEED TORQUE/CURRENT CURVE Model: 3/46FAGR41A-P HP KW Pole FL RPM Frame Voltage Hz Phase FL Ampa 0.75 0.55 6 1170 143T 230/460 60 3 2.6/1.3	TOOLUS				Issued Date	6/27/20		Transmit #	
SPEED TORQUE/CURRENT CURVE Meter : Priority 2000 100 100 100 100 100 100 100 100 10					Issued By	aschoe	CK	Issued Rev	
0.75 0.55 6 1170 143T 230460 60 3 226/13 Enclosure IP Ins. Class S.F. Duty NEMA Nom. Eff. Design kVA Code Ambien (°C) TEAO 56 F 1.15 CONT 80.0 B 40.C ocked Rotor Anps Rotor w/r Full Load Locked Rotor Pull Up Break Down 7.9 0.15 3.37 220 175 275 Design Values 0 0 0 0 1170 275				PEED TORQ	UE/CURREN	T CURVE			
0.75 0.55 6 1170 143T 230460 60 3 226/13 Enclosure IP Ins. Class S.F. Duty NEMA Nom. Eff. Design kVA Code Ambien (°C) TEAO 56 F 1.15 CONT 80.0 B 40.C ocked Rotor Anps Rotor w/r Full Load Locked Rotor Pull Up Break Down 7.9 0.15 3.37 220 175 275 Design Values 0 0 0 0 1170 275	НР	kW	Pole	FI RPM	Frame	Voltage	Hz	Phase	FI Amns
Enclosive IP IP Ins. Class S.F. Duty Nom. Eff. Design KVA Code (*C) TEAO 56 F 1.15 CONT 80.0 B 40.0 (*C) ocked Rotor wk ² Anps (b-ft) (b-ft) (b-ft) (%) (%) (%) (%) (%) (%) (%) 7.9 0.15 3.37 220 175 275 Design Values Design Values									2.6/1.3
Rotor with Amps Rotor with (lb-ft) Full Load (lb-ft) Locked Rotor (%) Pull Up (%) Break Down (%) 7.9 0.15 3.37 220 175 275 Design Values	Enclosure		Ins. Class			NEMA		kVA Code	Ambient
Design Values 350 0.15 3.37 220 175 220 175 275			F	1.15	CONT		В		
Amps here the put bad bown of the put of the	acked Refer								
7.9 0.15 3.37 220 175 275 Design Values	Amps						р		
Design Values									
50 50 50 50 50 50 50 50 50 50	7.9	0.15	3.37	22	20	175		2	75
0 0 20 40 60 80 100 Synchronous Speed (%)	orque (%	•			•				Current (%
			20	40		0	80		
				Synch	ronous Speed	(%)			
		—		-					
	lorque	Curre							

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.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.										
Engineering	BMammen	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0					
Engr. Date	11/20/2019	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011					



TOSH					dschoed	ck	Issued Rev	
				Issued By			1000001107	
Leading Inno	ovation >>>	91		UE/CURREN				
		5						
Model:	3/46FAGR41A-	2						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
0.75	0.55	6	950	143T	190/380	50	3	3.0/1.5
		-			NEMA	NEMA	-	Ambient
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	kVA Code	(°C)
TEAO	56	F	1.0	CONT	78.5	-		40 C
ocked Rotor	Rotor wk ²				Torque			
Amps	Inertia	Full Load	Locked		Pull U	o	Break	
	(lb-ft²)	(lb-ft)	(%		(%)		(%	6)
9.2	0.15	4.15	17	75	145		22	25
240			-				5	60
(%) anbio 120 60		20	40	6		80		20 Current (%) 280
%) anbuo 120		20		6 ronous Speed		80		200 Current (%)
%) anbio H 120		20				80		200 Current (%)
%) anbio 120		_				80		280 Current (%)
50 F 120		_			(%)			280 .40
%) anbio 120 60		_			(%)	80 Bo		40

Issued Date

6/27/2022

Transmit #

Project # Tag:

All characteristics are average expected values.

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Engineering	jhock	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0		
Engr. Date	4/1/2014	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011		

Accel. Time

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