

PRODUCT INFORMATION PACKET



Model No: 215TBFW17037
Catalog No: 215TBFW17037
7 1/2,1740,TEFC,1/60/208-230

Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E



Nameplate Specifications


Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	208-230 V
Current	35.0-30.0 A	Speed	1740 rpm
Service Factor	1	Phase	1
Efficiency	84 %	Power Factor	96
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	G
Frame	215TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	309	Opp Drive End Bearing Size	206
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

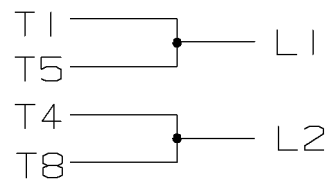
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE9048MF	Outline Drawing	A-SS88997-1240

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/28/2022

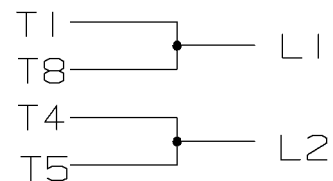
NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.

				TOLERANCES UNLESS SPECIFIED			DRAWN ERH 03-05-2004						
				DEC.	INCHES		CHK DRS 03-08-2004						
				.X	±.1		APPD DR 03-09-2004						
				.XX	±.03		SCALE 3=16						
				.XXX	±.005	TITLE OUTLINE - STEEL C'BOX 210 FR.-BB-Ø1-TEFC-R/S-"C" FACE				REF			
1	REV'D C'BOX & LIFT LUG PER ISAAC 08-3777	JJB 09/23/2008	ML	.XXXX	±.0005	MAT'L.				FMF MU 50012			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH				PREV			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP	03-09-2004		CAD FILE ss88997			SIZE	DRAWING NO.	PAGE	OF	REV.
			DIST	LB					A	SS88997			

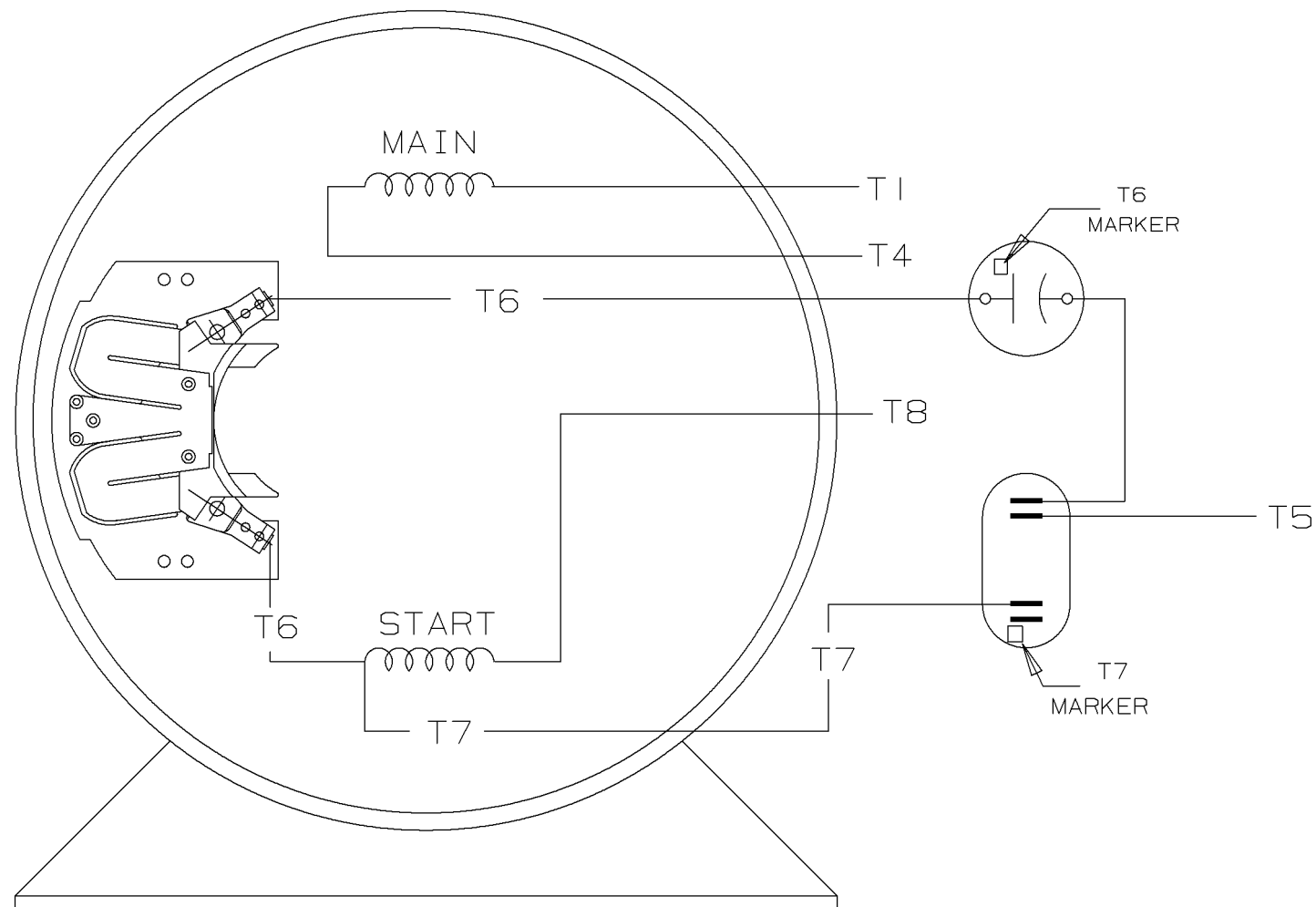
C.W. ROTATION




C.C.W. ROTATION



SINGLE VOLTAGE
CAPACITOR START
CAPACITOR RUN
REVERSIBLE



VIEW OF TERMINAL END

				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±				
				MATL SPEC	180 - 210 SWITCH		DRAWN BY GK	11-01-1986	
				FINISH			CHKD BY ML	11-01-1986	
I	11-04-1986	NEW DRAWING CN 7664C		GK			REFERENCE DRW.	WAUSAU, WISCONSIN 54401	APPD BY FG
REV	DATE	CHANGE		NAME	PART NAME CONNECTION DIAGRAM			DRWG NO A - EE9048MF	
		SHOP BOOK		PURCHASED	DISTRIBUTION - WA - LB - WP - LM - BR			CADD FILE NO.	EE9048MF

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM - BR

CADD FILE NO.

EE9048MF

Data Sheet

Date: 11/18/2022

Customer:

Attention:

Submitted By:



Model No.: 215TBFW17037

Winding: BK104118

Submittal

Data @ 230 V

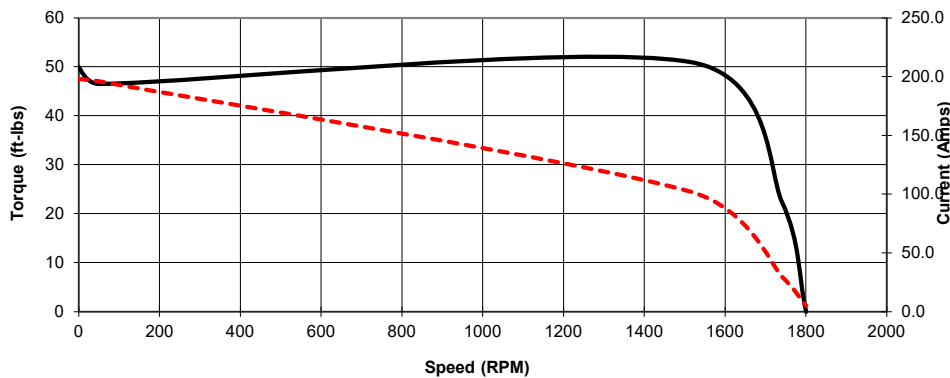
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	
Current (Amps)	5.0	9.5	15.5	22.2	30.0	35.5	
Efficiency (%)	0.0	71.0	82.5	84.5	84.0	81.5	
P.F. (%)	60.5	89.0	95.0	95.8	96.0	96.5	

Motor Speed Data

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Information Block		
Speed (RPM)	0	50	1515	1740	1800	HP	7 1/2	
Current (Amps)	198.0	196.0	102.0	30.0	5.0	Sync. RPM	1800	
Torque (ft-lbs)	50	46.5	51	22.5	0	Frame	215TC	

Motor Speed Data



HP	7 1/2	
Sync. RPM	1800	
Frame	215TC	
Enclosure	TEFC	
Motor Type	BFR	
Voltage	208-230	V
Frequency	60	Hz
Design	L	
LR Code letter	G	
Service Factor	1.00	
Temp Rise @ FL	85	° C
Ambient	40	° C
Rotor/Shaft wk²	0	Lb-Ft²
Insulation Class	F	
VFD Rating	NA	
Sound Pressure @ 1M	72	dBA
Outline Dwg	SS88997-1240	
Conn. Diag	EE9048MF	

Additional Specifications:

0

Motor Load Data

