

PRODUCT INFORMATION PACKET

Model No: 213TBFW7001

Catalog No: I224

General Purpose Motor, 7.50 HP, 1 Ph, 60 Hz, 208-230 V, 3600 RPM, 213T Frame, TEFC



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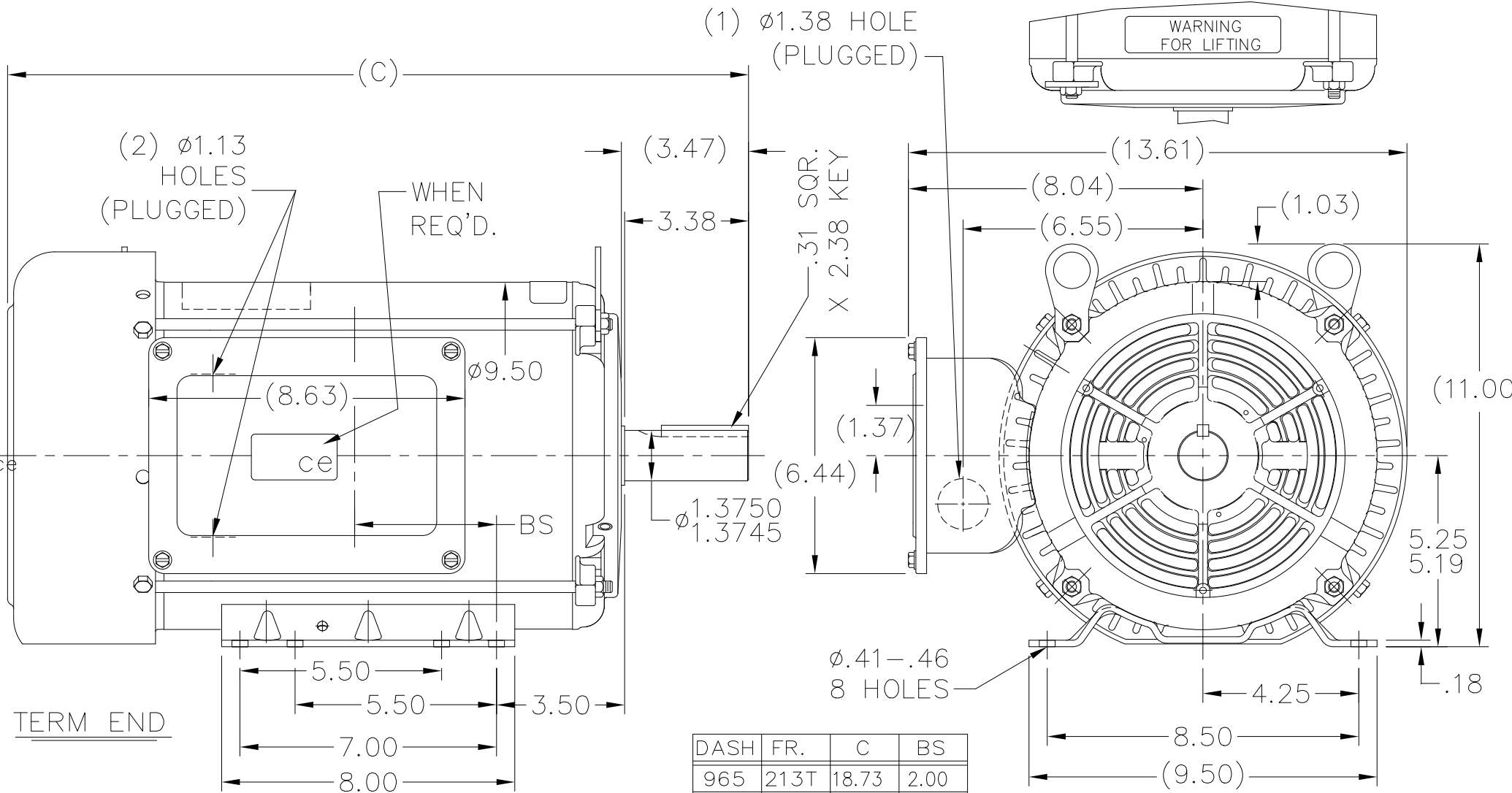
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Nameplate Specifications

Phase	1	Output HP	7.50 Hp
Output KW	5.6 kW	Voltage	208-230 V
Speed	3465 rpm	Service Factor	1.00
Frame	213T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	81.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	36.0-32.0 A	Power Factor	93.5
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	G
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
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	2	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	Overall Length	18.73 in
Frame Length	9.65 in	Shaft Diameter	1.375 in
Shaft Extension	3.47 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE9048MF	Outline Drawing	037646-965



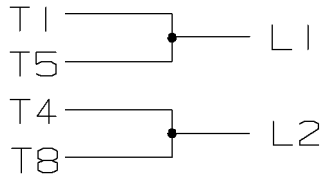
TERM END

DASH	FR.	C	BS
965	213T	18.73	2.00
1115	213/215T	20.23	3.50
1240	215T	21.48	4.75

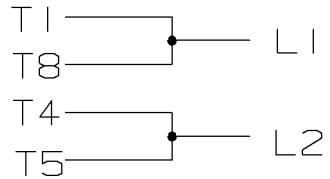
NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN GRB 11/14/08	
		DEC.	INCHES			CHK SK 11/14/08	
		.X	±.1	TITLE OUTLINE		APPD	
02	COND.BOX LEAD POSITION UPDATED—CR—0017070	SR	10/5/2023	.XXX	±.005	SCALE 1=4	
01	ADD CE DECAL PER ISAAC 11—0604	LST	2/11/11	.XXXX	±.0005	REF SS86677	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FMF	
				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		CAD FILE 037646	
				DIST LB		SIZE A	DRAWING NO. 037646
						PAGE 1 OF 1	REV. 02

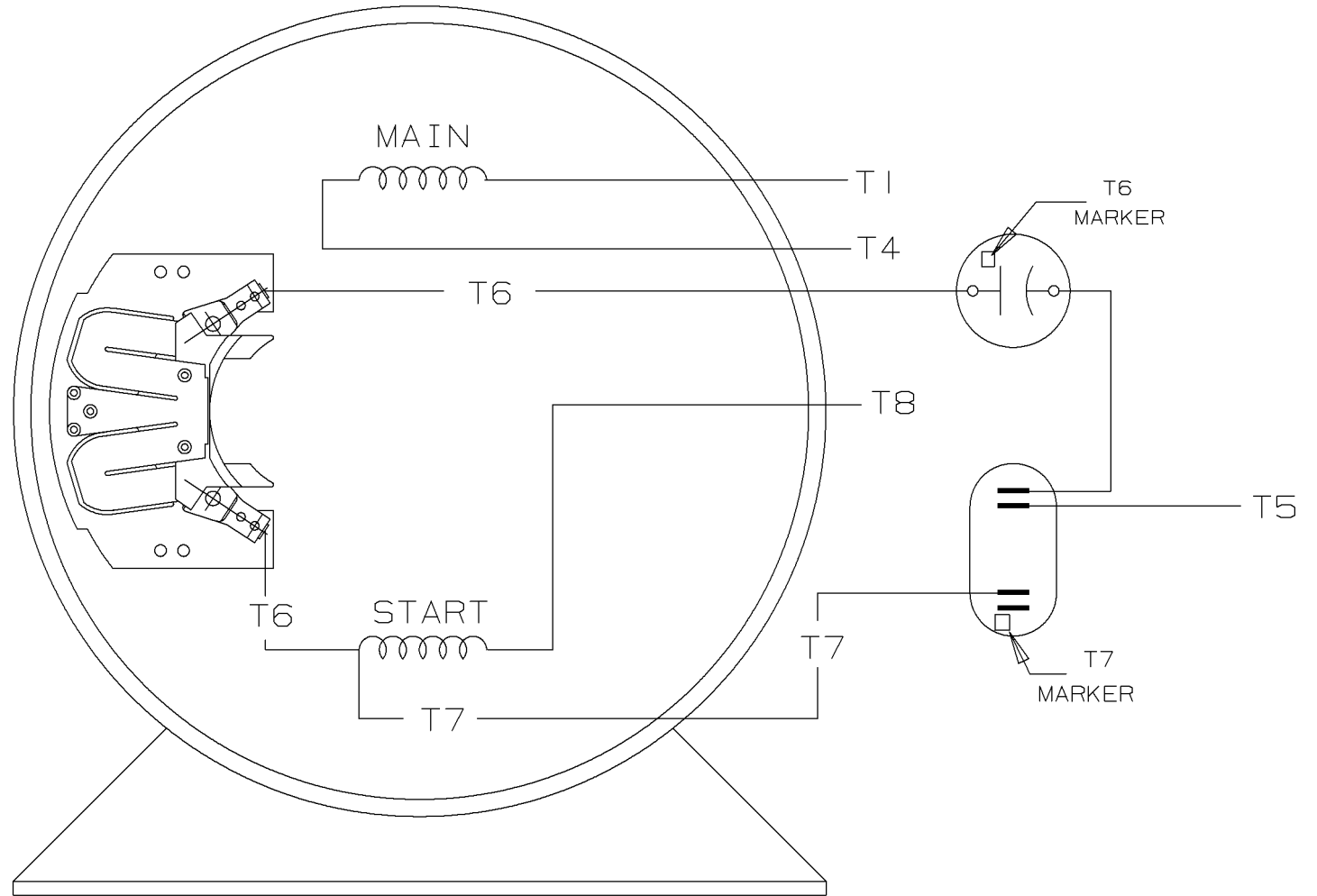
C.W. ROTATION



C.C.W. ROTATION



SINGLE VOLTAGE
CAPACITOR START
CAPACITOR RUN
REVERSIBLE



VIEW OF TERMINAL END

				<input checked="" type="checkbox"/> MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE MATL SPEC FINISH REFERENCE DRW. PART NAME CONNECTION DIAGRAM	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES± 180 - 210 SWITCH WAUSAU, WISCONSIN 54401	DRAWN BY GK CHKD BY ML APPD BY FG	11-01-1986 11-01-1986 11-04-1986
1	11-04-1986	NEW DRAWING	CN 7664C	GK	DRWG NO A-EE9048MF		

REV	DATE	CHANGE	NAME	SHOP BOOK	PURCHASED	DISTRIBUTION - WA - LB - WP - LM - BR	CADD FILE NO.	EE9048MF
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MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer CATALOG

Curve at

230

Volts

HP 7.50

PHASE 1

Model No 213TBFW7001

60

HZ

VOLTS 208-230

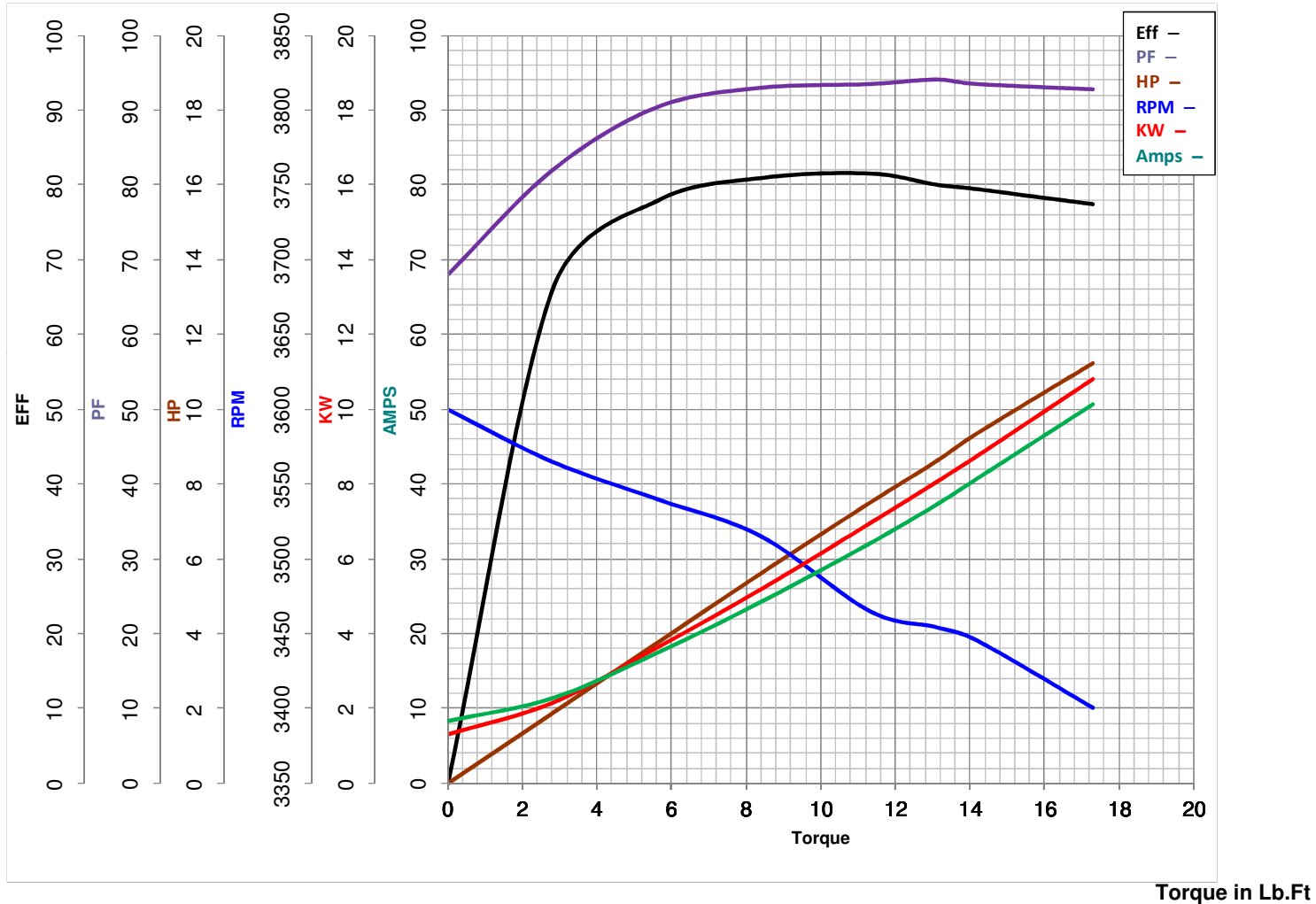
7.5

HP

Catalog No I224

HZ 60

RPM 3465



Torque in Lb.Ft

FL TORQUE 11.3 Lb.Ft
 BD TORQUE 25.3 Lb.Ft
 LR TORQUE 18.7 Lb.Ft

FL AMPS 36-32
 PU TORQUE 22.5 Lb.Ft
 LR AMPS 189

WINDING BK10269-1 Prepared By SRIKANTH Date 6/20/2017

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 213TBFW7001

(Model No. may contain prefix and/or suffix characters)

Catalog No : I224

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

CE 22