

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 215TBFW7010

Catalog No: Z435

Close-Coupled Pump Motor, 10 HP, 1 Ph, 60 Hz, 230 V, 3600 RPM, 215JM Frame, TEFC



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RegalRexnord



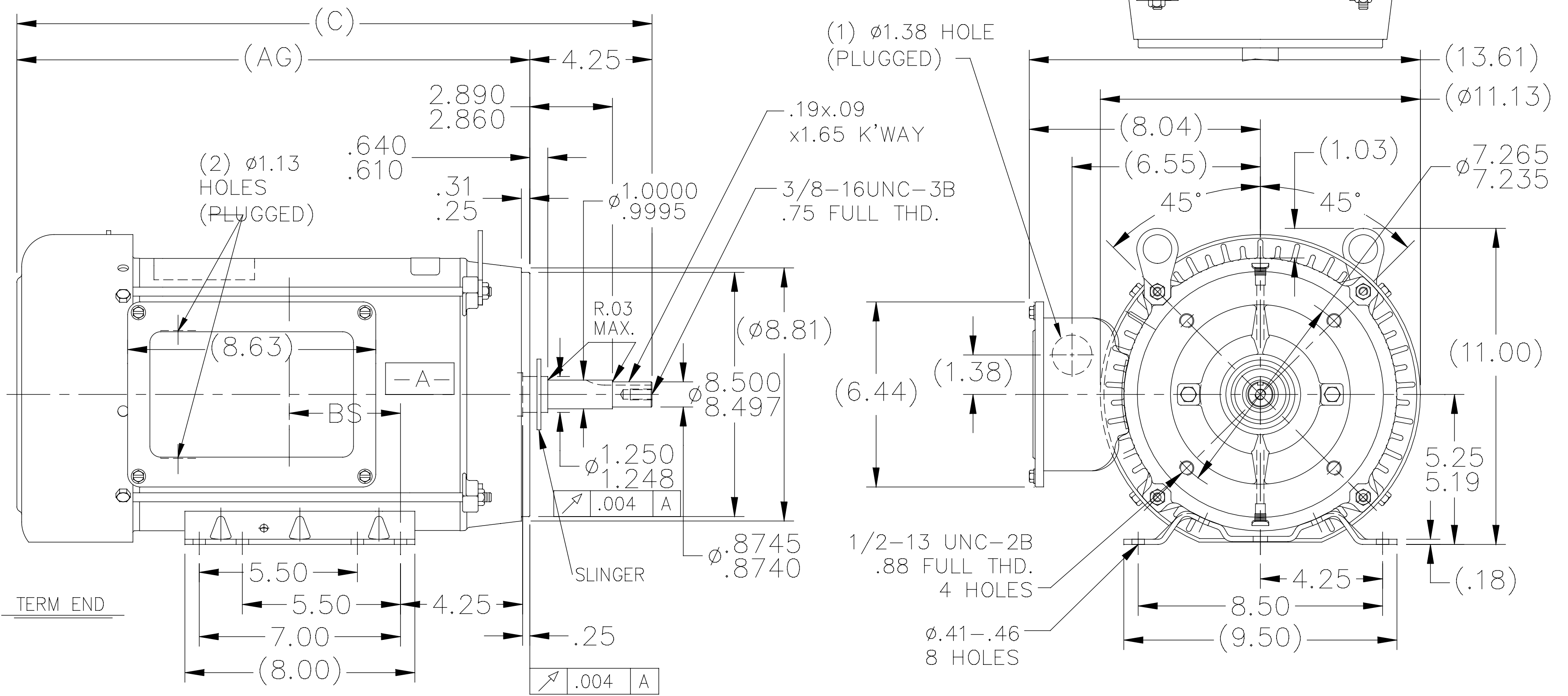
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230 V
Current	41.5 A	Speed	3500 rpm
Service Factor	1.15	Phase	1
Efficiency	83.8 %	Power Factor	93.2
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	G
Frame	215JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	N	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	JM	Overall Length	22.09 in
Frame Length	11.15 in	Shaft Diameter	0.875 in
Shaft Extension	4.25 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE9048MF	Outline Drawing	037645-1115

037645

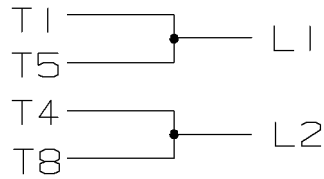


DASH	FR.	C	AG	BS
965	213JM	20.59	16.34	2.45
1115	213/15JM	22.09	17.84	3.95
1240	213/15JM	23.34	19.09	5.20

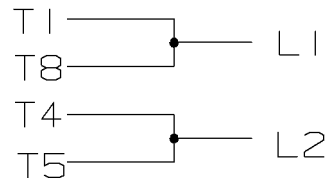
NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN GRB 11/14/08			
				DEC.	INCHES		CHK SK 11/14/08			
				.X	±.1		APPD			
				.XX	±.03	TITLE OUTLINE - 210JM FR.	SCALE	3=16		
				.XXX	±.005	DP - 'C' FACE	REF	SS87504		
01	LOGO CHANGED MARATHON TO REGAL	LK	10/19/2015	GR	.XXXX	MAT'L.	FMF			
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	CAD FILE 037645		SIZE	DRAWING NO.	PAGE 1 OF 1	REV.
				DIST	LB		A	037645		01

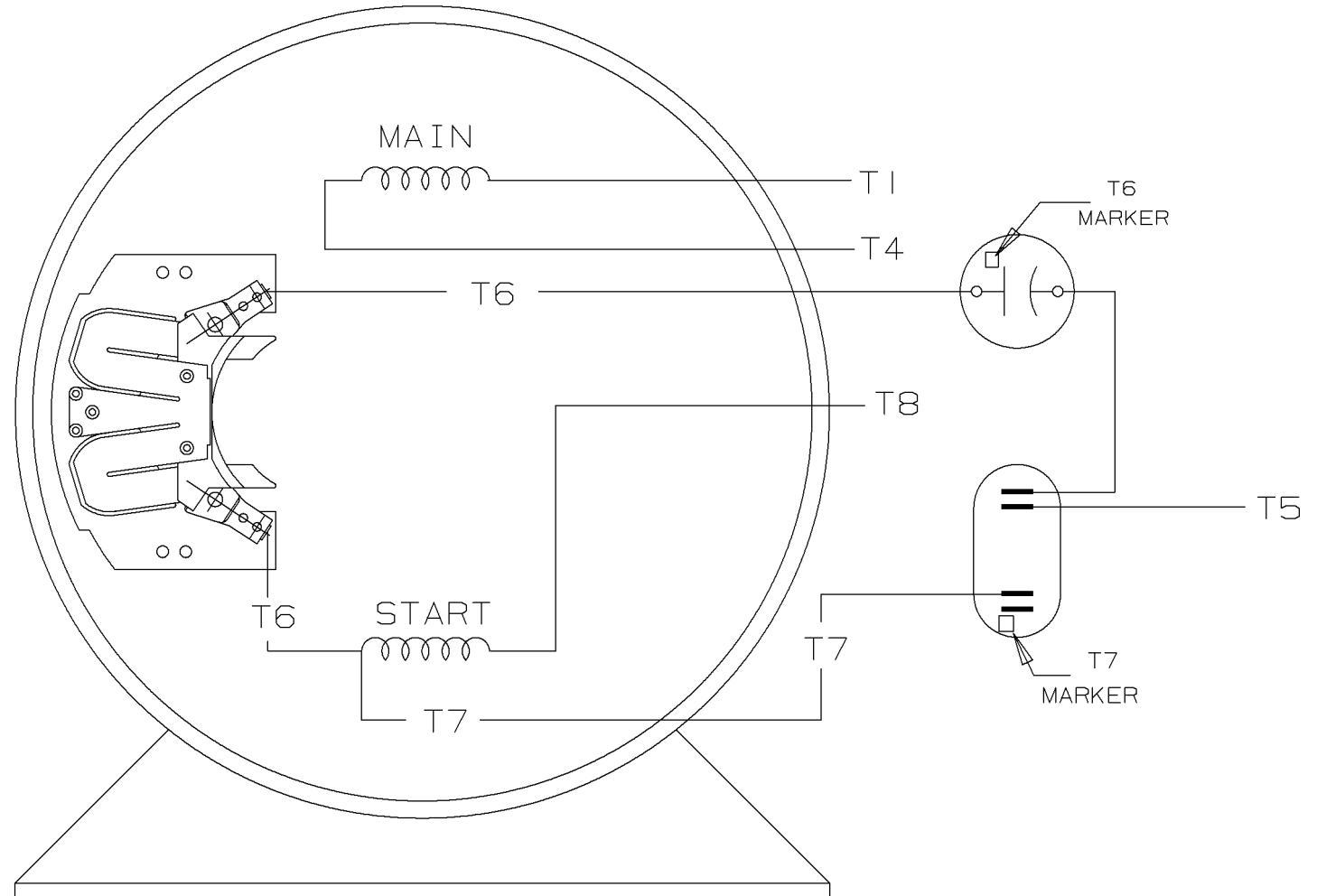
C.W. ROTATION



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	MARATHON ELECTRIC	CHKD BY	ML 11-01-1986
I	11-04-1986	NEW DRAWING	CN 7664C	GK	REFERENCE DRW.	WAUSAU, WISCONSIN 54401	APPD BY FG 11-04-1986
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



MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230

Volts

HP 10.00

PHASE 1

Model No 215TBFW7010

60

HZ

VOLTS 230

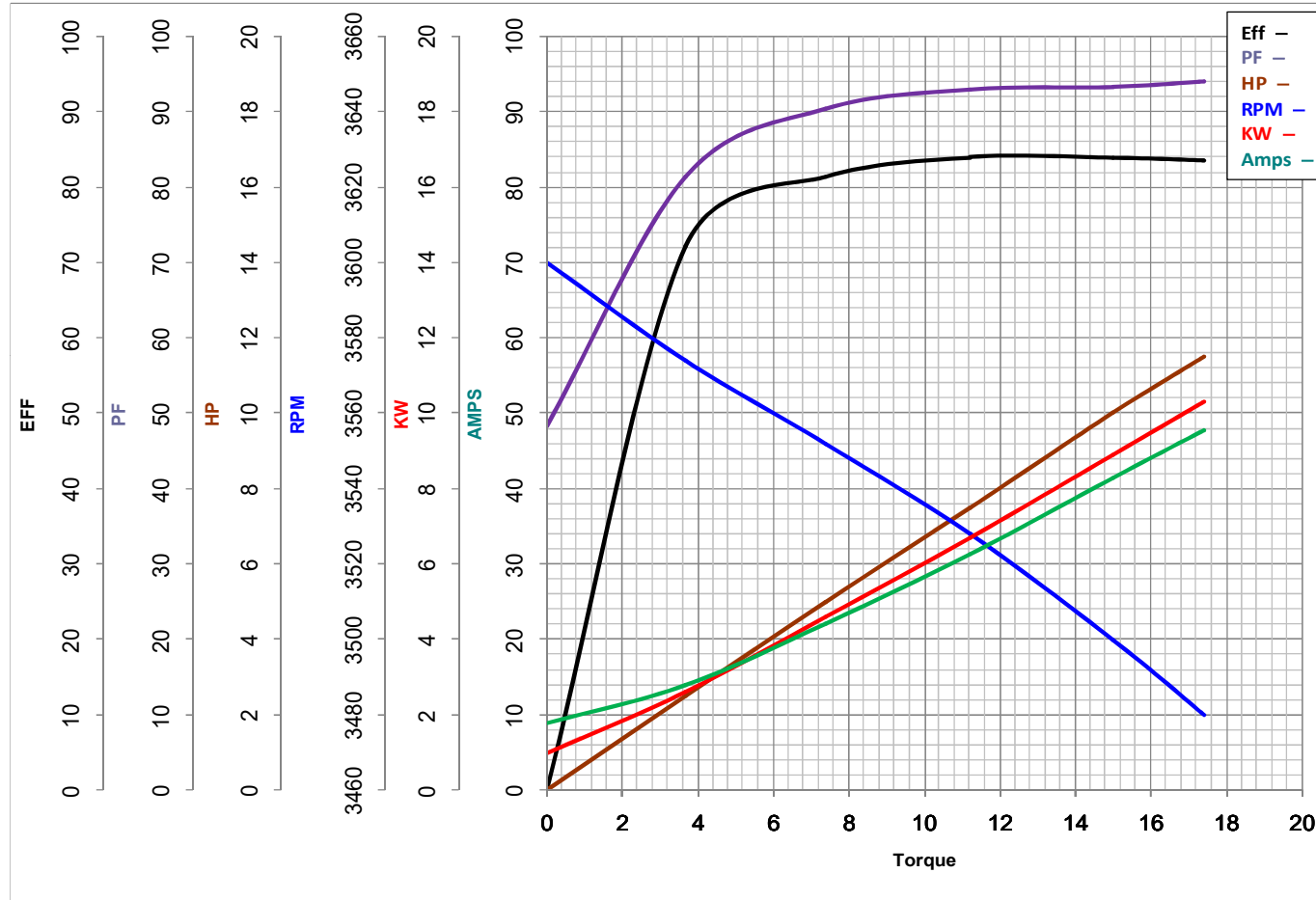
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HP

Catalog No Z435

HZ 60

RPM 3500



Torque in Lb.Ft

FL TORQUE 15 Lb.Ft
BD TORQUE 38.5 Lb.Ft
LR TORQUE 26 Lb.Ft

FL AMPS 41.5
PU TORQUE 20.0 Lb.Ft
LR AMPS 249

WINDING BK10268-2

Date 1/17/2019