

PRODUCT INFORMATION PACKET

Model No: 215TBFW7029

Catalog No: Z122

General Purpose Farm Duty Motor, 7.5 HP, 1 Ph, 60 Hz, 230 V, 1800 RPM, 215T Frame, TEFC



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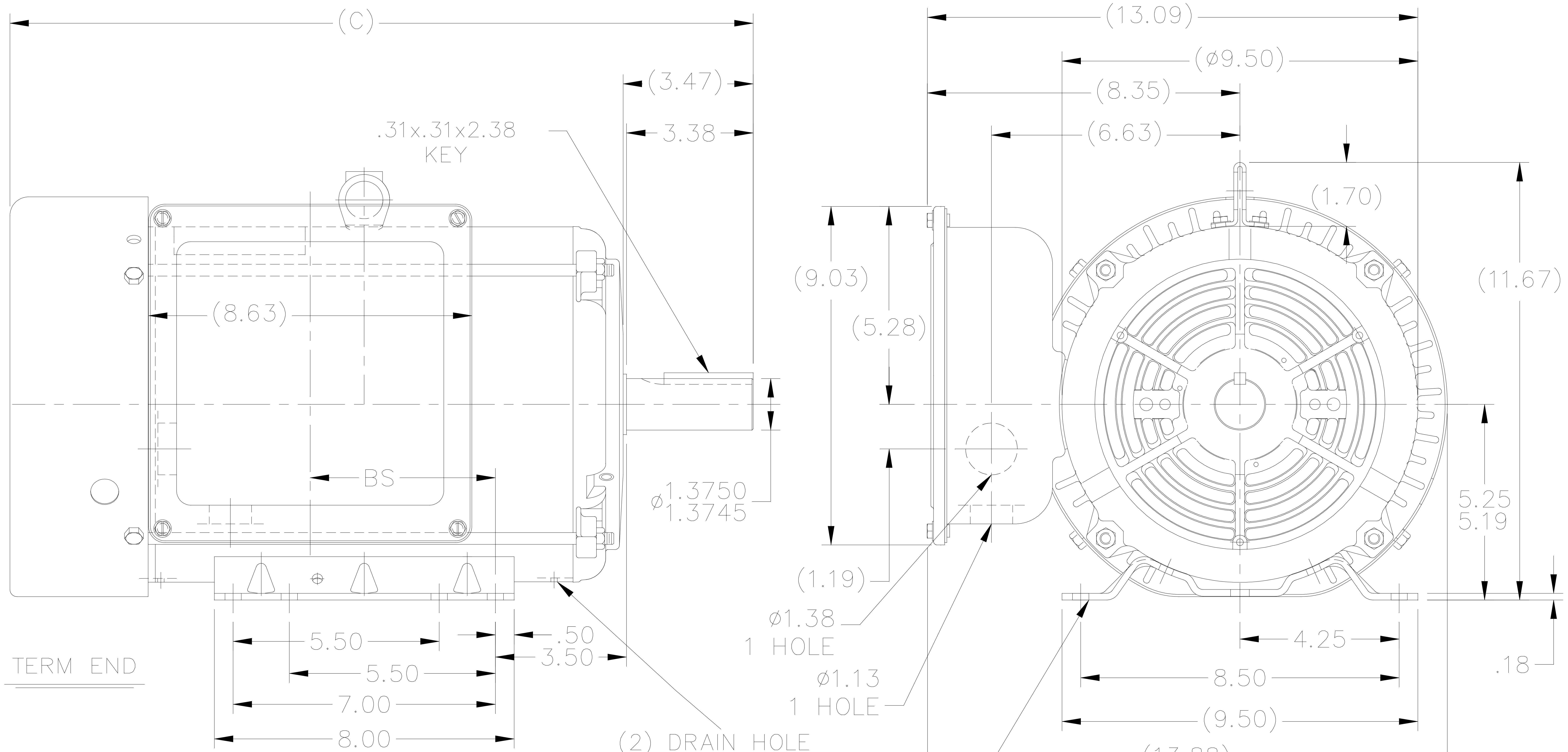
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	230 V
Current	30.0 A	Speed	1740 rpm
Service Factor	1.15	Phase	1
Efficiency	84 %	Power Factor	96
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	G
Frame	215T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Manual	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized (Not Protector)	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

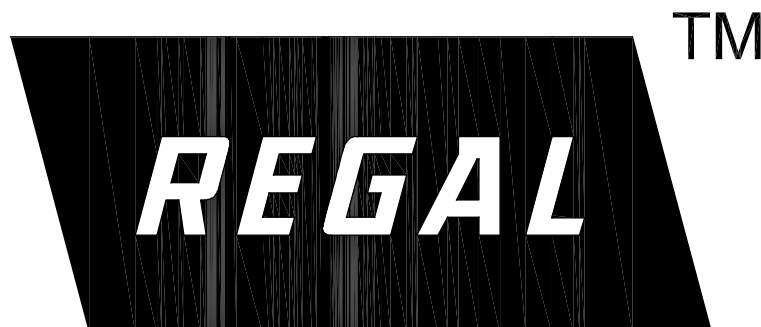
Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	21.09 in
Frame Length	12.40 in	Shaft Diameter	1.375 in
Shaft Extension	3.47 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE9048MT	Outline Drawing	A-SS88687-1240

SS88687

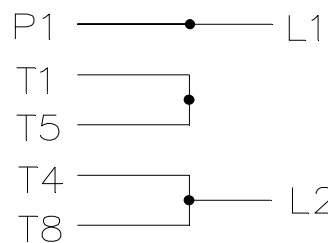


DASH	FR.	C	BS
965	213T	18.34	3.44
1115	213/15T	19.84	4.94
1240	215T	21.09	6.19

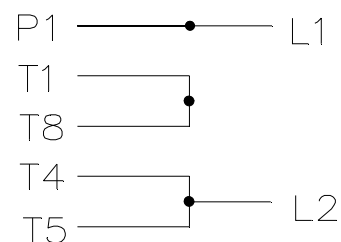
NOTES:
 1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
 2. DASH 965 TO BE READ FROM OPPOSITE SHAFT END

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN MJK 07-25-2007						
				DEC.	INCHES		CHK	MG	01-24-2008				
				.X	±.1	TITLE OUTLINE 210 FR. - TEFC - 1 PHASE	APPD	EH	01-24-2008	SCALE	1=4		
				.XX	±.03		REF						
				.XXX	±.005		FMF						
A	DRAIN HOLES ADDED			KIR	02/08/16	SS	.XXXX	±.0005	MAT'L.		PREV		
NO.	REVISION			BY & DATE	CHK	ANG	±7'30"		FINISH				
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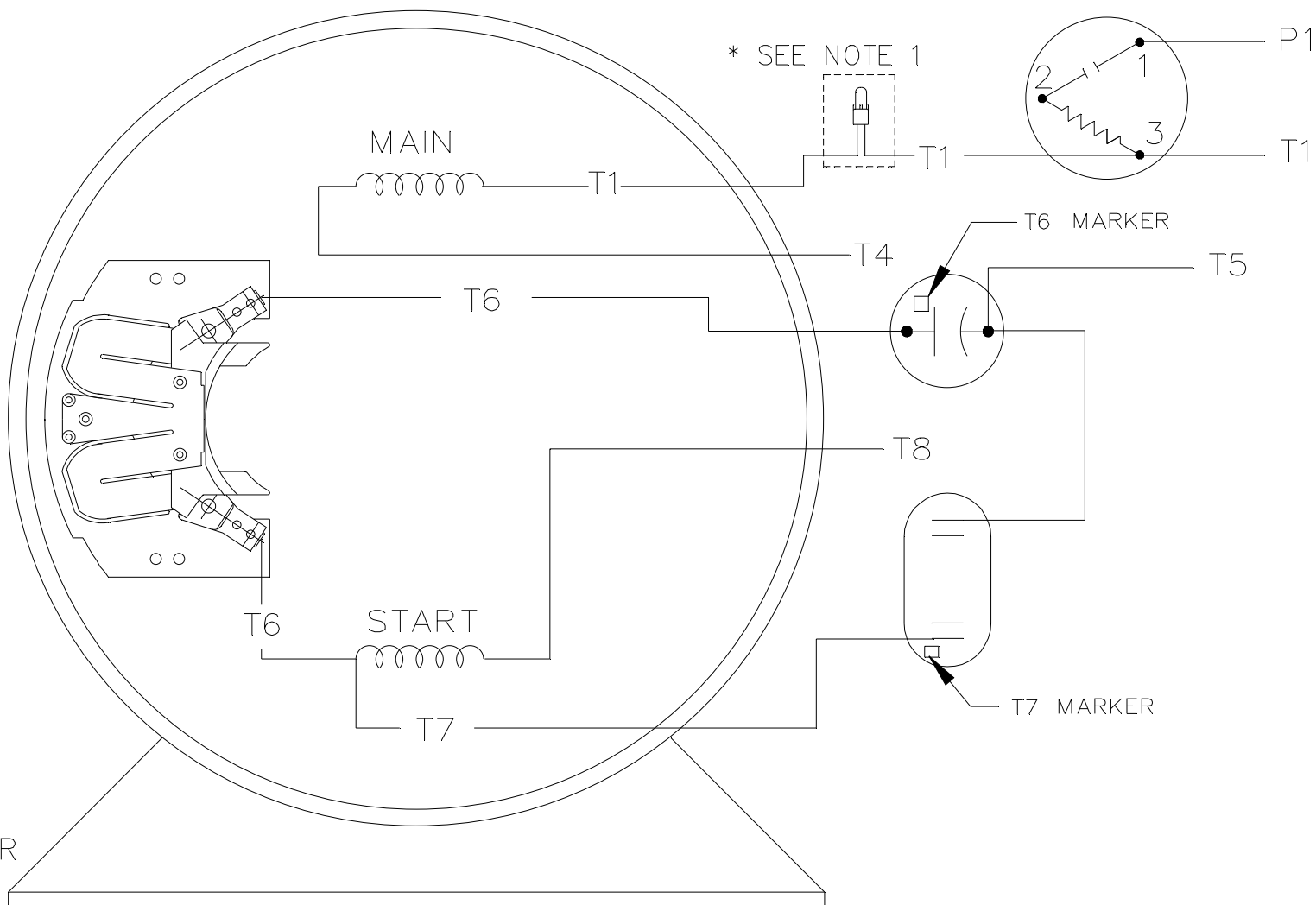
C.W. ROTATION



C.C.W. ROTATION



SINGLE VOLTAGE
 CAPACITOR START
 CAPACITOR RUN
 REVERSIBLE

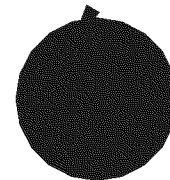
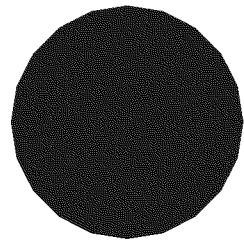
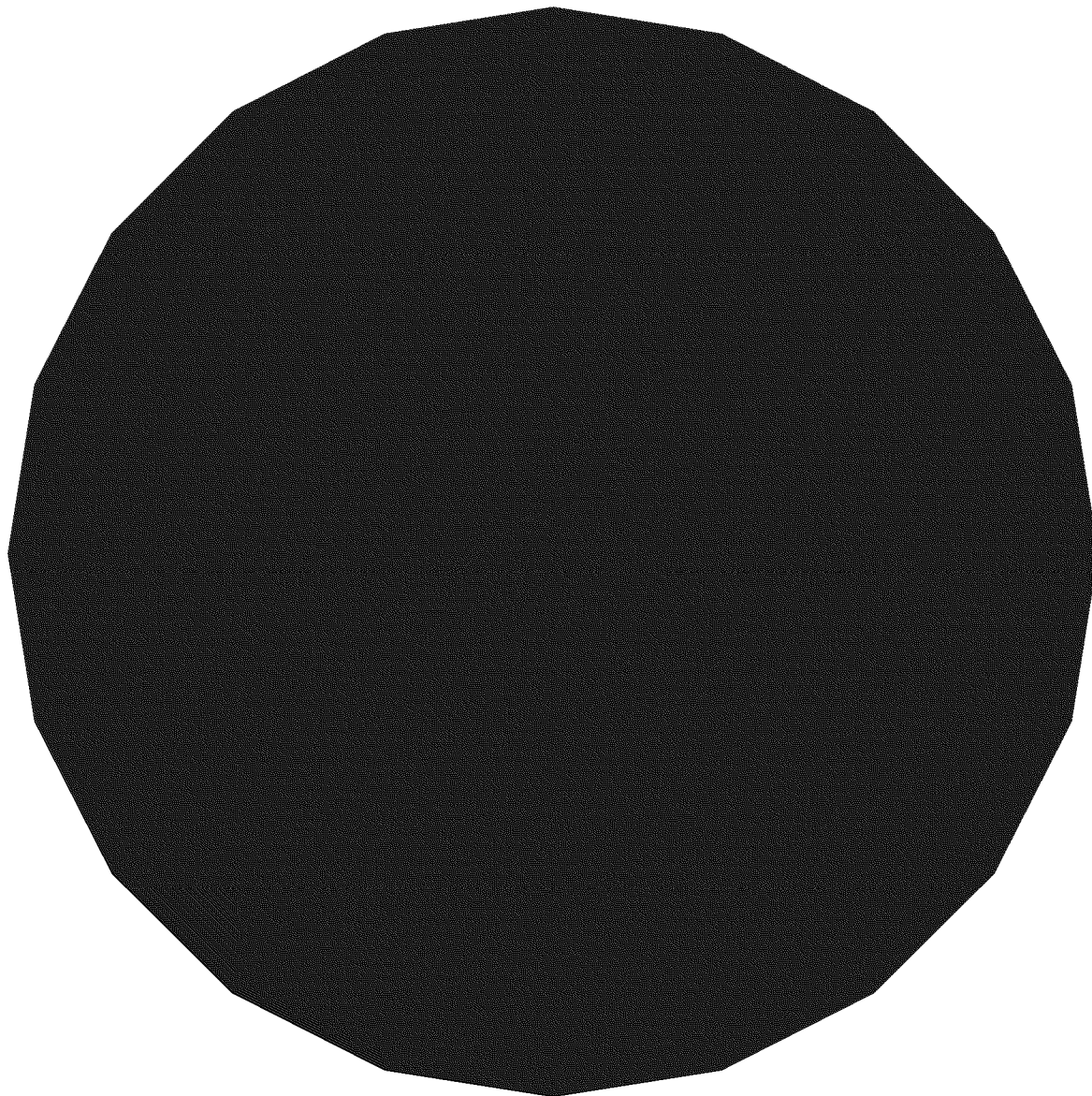


VIEW OF TERMINAL END

180 - 210 SWITCH

				TOLERANCES UNLESS SPECIFIED			DRAWN ML 04-11-1998			
				DEC.	INCHES		CHK CK 04-11-1998			
				.X	±.1		APPD MS 04-11-1998			
				.XX	±.02		SCALE 1=1			
				.XXX	±.005		REF			
1	ADDED PRESSURE CONNECTOR IN MT2 MODEL	NB 10/5/2011	AK	.XXXX	±.0005	TITLE CONNECTION DIAGRAM		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		PREV		
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				DIST LB-LE						

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MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

230

Volts

HP 7.50

PHASE 1

Model No 215TBFW7029

60

HZ

VOLTS 230

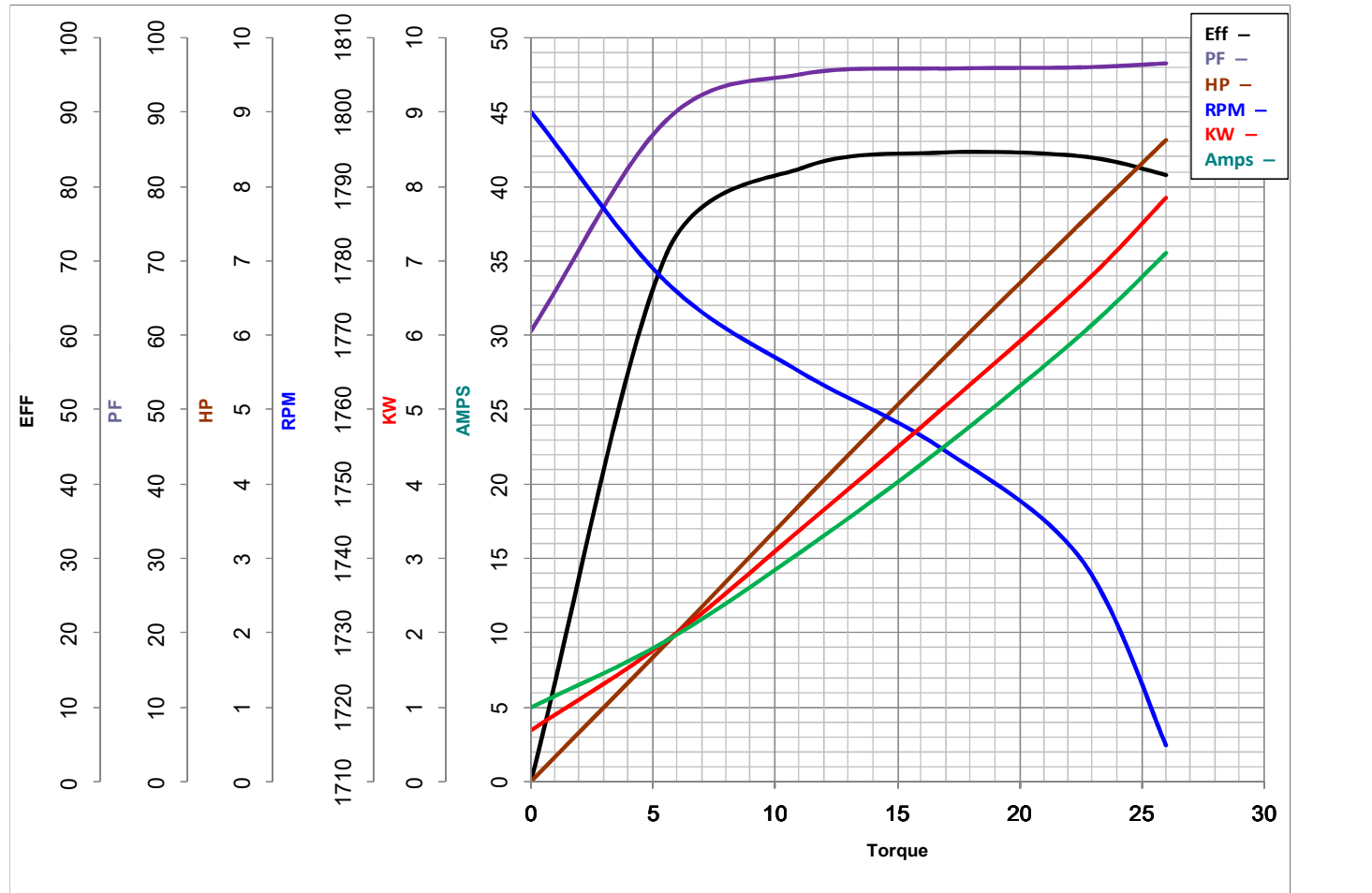
7.5

HP

HZ 60

RPM 1740

Catalog No Z122



Torque in Lb.Ft

FL TORQUE 22.5 Lb.Ft
BD TORQUE 51.0 Lb.Ft
LR TORQUE 50 Lb.Ft

FL AMPS 30
PU TORQUE 46.5 Lb.Ft
LR AMPS 198

WINDING BK104118-1

Date 1/17/2019