

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 215TBDW7027
Catalog No: Z413
10,1800,DP,215JM,1/60/230
JM



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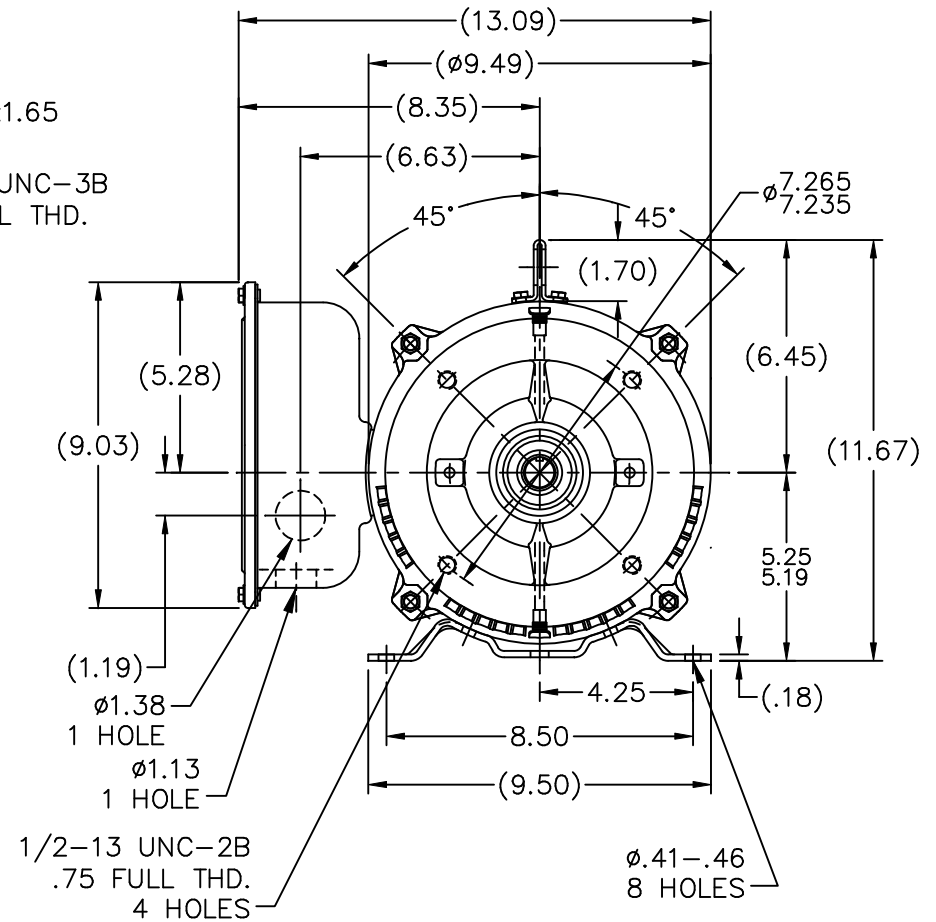
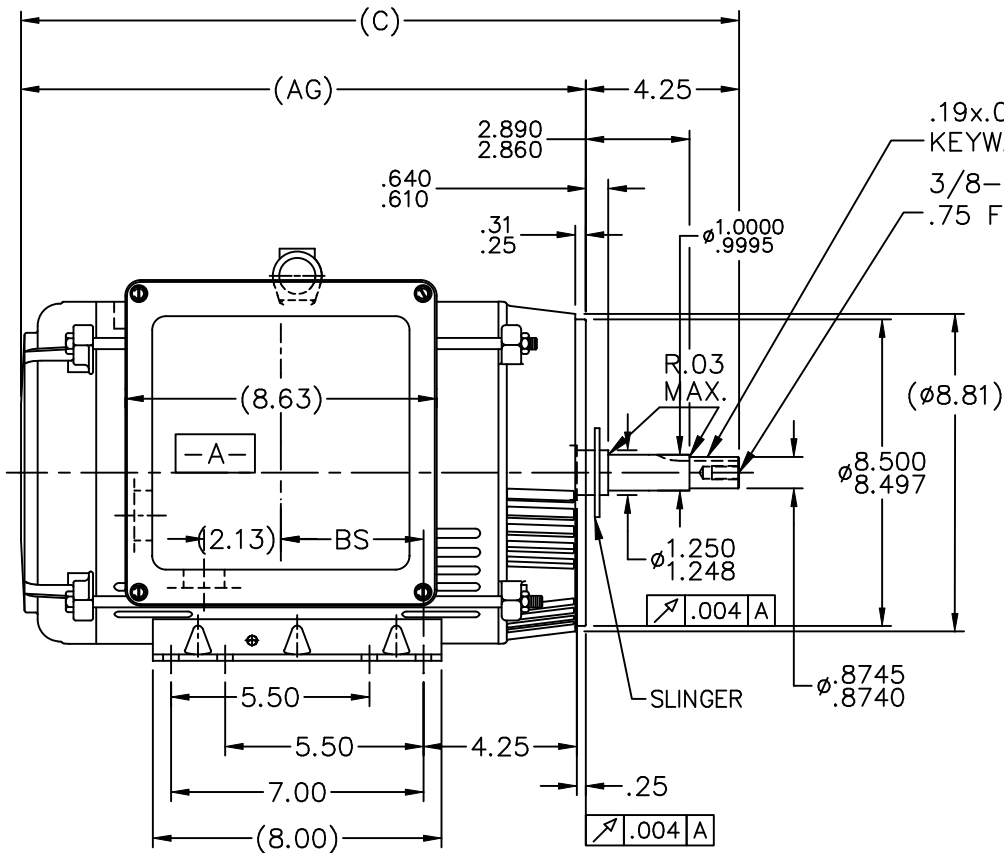
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230 V
Current	44.0 A	Speed	1730 rpm
Service Factor	1.15	Phase	1
Efficiency	82.5 %	Duty	Continuous
Insulation Class	F	Design Code	L
KVA Code	G	Frame	215JM
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6309
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	JM
Overall Length	21.17 in	Frame Length	12.40 in
Shaft Diameter	0.875 in	Shaft Extension	4.25 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-SS89482-1240	Connection Diagram	A-EE9048MF

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DASH	FR.	C	AG	BS
965	213JM	18.42	14.17	2.45
1115	213/15JM	19.92	15.67	3.95
1240	213/15JM	21.17	16.92	5.20

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

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	01-25-2008	CAD FILE	SS89482	SIZE A
				DIST	LB			DRAWING NO. SS89482
								PAGE OF
								REV.

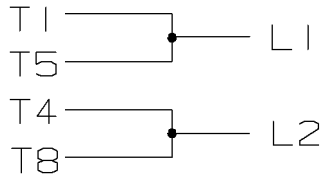
TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005



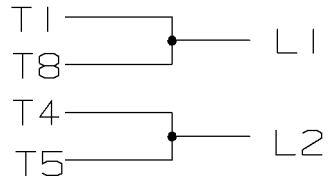
TITLE OUTLINE
210 FR. - DR. PR. - 1 PHASE

DRAWN	RWR	01-22-2008
CHK	MSG	01-25-2008
APPD	EMH	01-25-2008
SCALE	1=5	
REF	A-SS88686LE	
FMF	ISAAC#07-1847	
PREV		

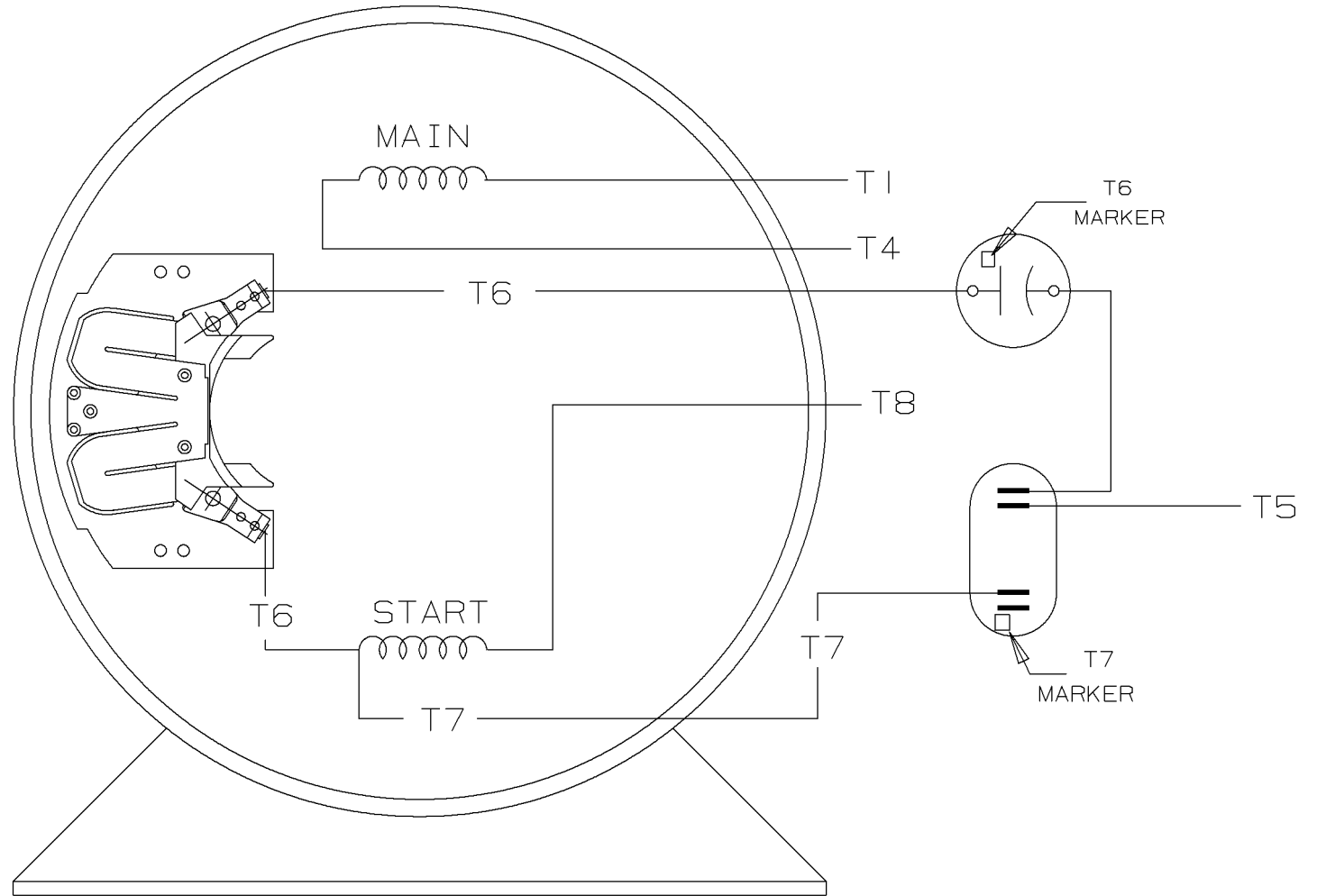
C.W. ROTATION



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

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CADD FILE NO.

EE9048MF

