

# PRODUCT INFORMATION PACKET

Model No: 213TCDW7027  
Catalog No: Z409  
5,1800,DP,213JM,1/60/230  
JM



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### Nameplate Specifications

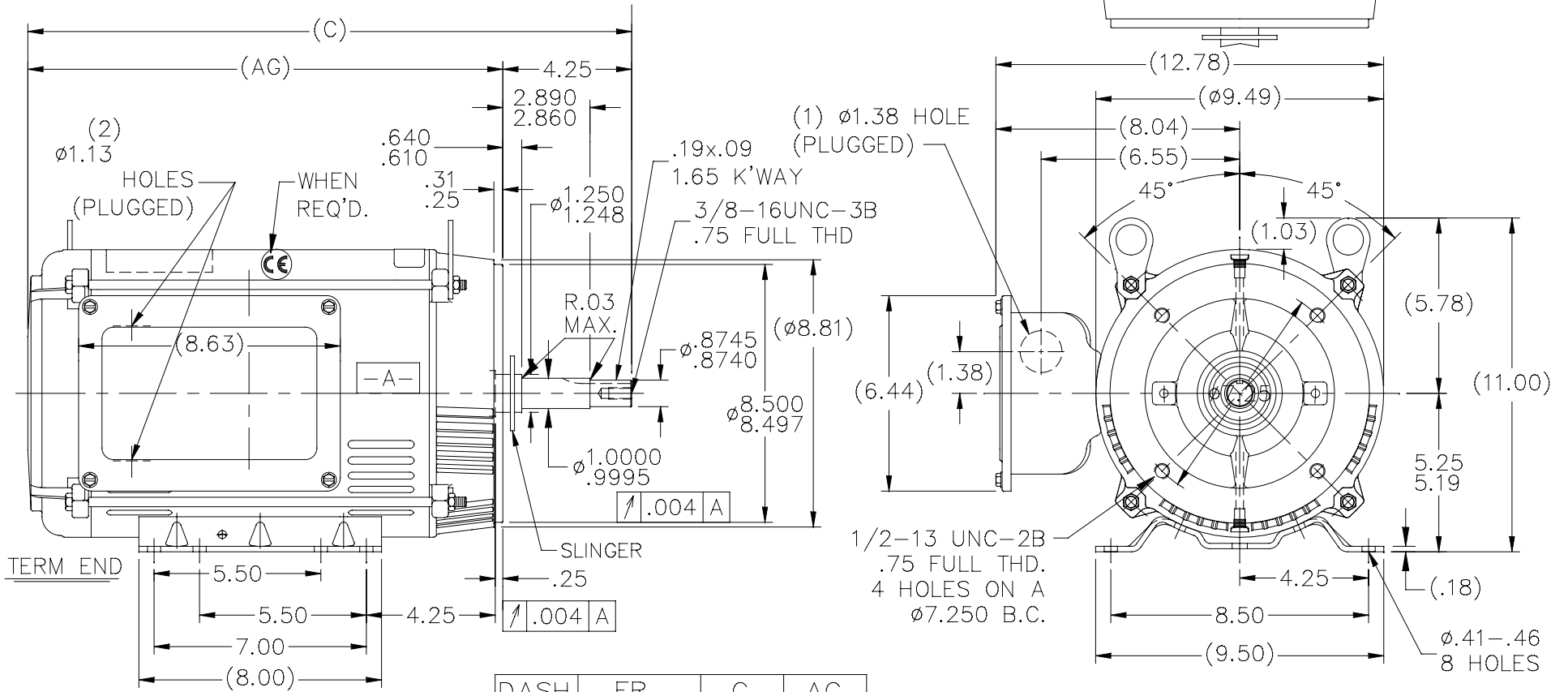
Output HP	<b>5 Hp</b>	Output KW	<b>3.7 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230 V</b>
Current	<b>28 A</b>	Speed	<b>1730 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>78.5 %</b>	Duty	<b>CONTINUOUS</b>
Insulation Class	<b>F</b>	Design Code	<b>L</b>
KVA Code	<b>H</b>	Frame	<b>213JM</b>
Enclosure	<b>DP</b>	Overload Protector	<b>NOT</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6309</b>
Opp Drive End Bearing Size	<b>6206</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>23</b>		

### Technical Specifications

Electrical Type	<b>CAP START IND RUN</b>	Starting Method	<b>ACROSS THE LINE</b>
Poles	<b>4</b>	Rotation	<b>SELECTIVE CCW</b>
Mounting	<b>RIGID</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>ROLLED STEEL</b>	Shaft Type	<b>JM</b>
Overall Length	<b>19.92 in</b>	Frame Length	<b>11.15 in</b>
Shaft Diameter	<b>0.88 in</b>	Shaft Extension	<b>4.25 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>037643-1115</b>	Connection Diagram	<b>A-EE7090JR</b>

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037643



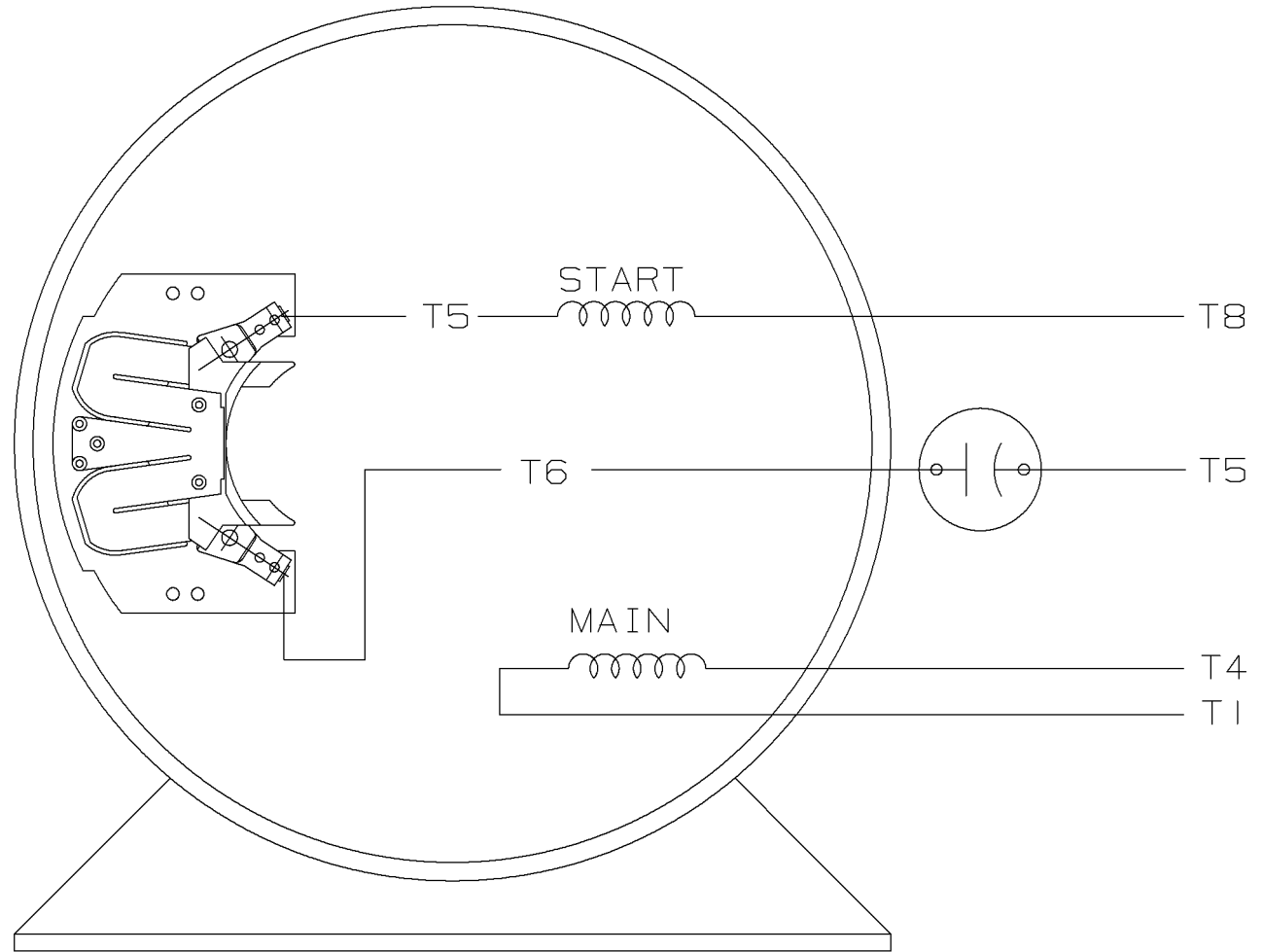
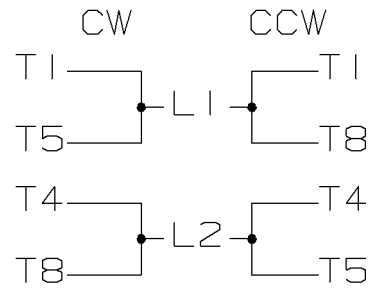
DASH	FR.	C	AG
965	213JM	18.42	14.17
1115	213/15JM	19.92	15.67
1240	213/15JM	21.17	16.92

ORACLE REV 001

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	$\pm .1$			APPD			
		.XX	$\pm .03$	TITLE OUTLINE - 210JM FR. DP - 'C' FACE		SCALE 1=4.2			
		.XXX	$\pm .005$			REF SS86664			
F	ADDED "AJ" DIM OF 7.250 ECO 0083886	GWS	8/21/15	.XXXX	$\pm .0005$	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	$\pm 7'30"$	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 037643	SIZE A	DRAWING NO. 037643	PAGE 1 OF 1	REV. F
				DIST	LB				

SINGLE VOLTAGE CAPACITOR START MOTOR, ELECTRICALLY REVERSIBLE



VIEW OF TERMINAL END

				<input checked="" type="checkbox"/> MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7'30"	
				MATL SPEC		DRAWN BY GK 01-10-1987	
				FINISH		CHKD BY	
01-10-1987		NEW DRAWING		GK		APPD BY	
		CN-7664C		REFERENCE DRW.		WAUSAU, WISCONSIN 54401	
REV		DATE		CHANGE		NAME	
				PART NAME CONNECTION DIAGRAM		DRWG NO A-EE7090JR	

SHOP BOOK

PURCHASED

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CADD FILE NO.

EE7090JR

ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--

STACK:

214 /Otilde  
213 /Ocircumflex  
212 /Oacute  
211 /Ograve  
210 /Ntilde  
209 /Eth  
208 /Idieresis  
207 /Icircumflex  
206 /Iacute  
205 /Igrave  
204 /Edieresis  
203 /Ecircumflex  
202 /Eacute  
201 /Egrave  
200 /Ccedilla  
199 /AE  
198 /Aring  
197 /Adieresis  
196 /Atilde  
195 /Acircumflex  
194 /Aacute  
193 /Agrave  
192 /questiondown  
191 /threequarters  
190 /onehalf  
189 /onequarter  
188 /guillemotright  
187 /ordmasculine  
186 /onesuperior  
185 /cedilla  
184 /periodcentered  
183 /paragraph  
182 /mu  
181 /acute

