

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 213TCDW7002  
Catalog No: Z410  
7 1/2,3600,DP,213JM,1/60/230  
JM



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**REGAL**<sup>®</sup>



### Nameplate Specifications

Output HP	<b>7.50 Hp</b>	Output KW	<b>5.6 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230 V</b>
Current	<b>37.0 A</b>	Speed	<b>3470 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>78.5 %</b>	Duty	<b>Continous</b>
Insulation Class	<b>B</b>	Design Code	<b>L</b>
KVA Code	<b>F</b>	Frame	<b>213JM</b>
Enclosure	<b>Drip Proof</b>	Overload Protector	<b>No</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>22</b>		

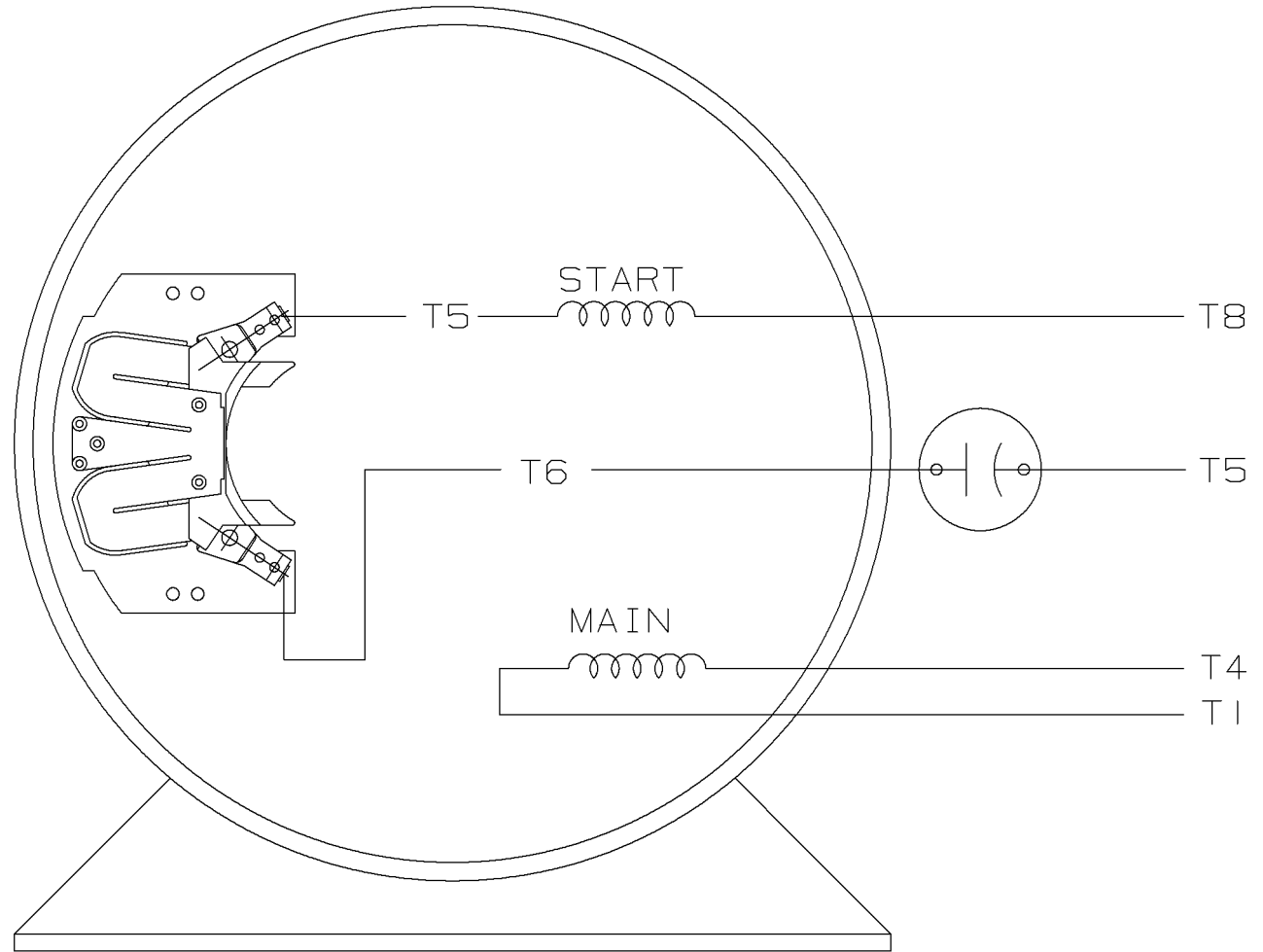
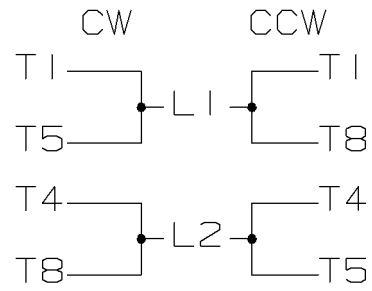
### Technical Specifications

Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Rigid base</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>18.42 in</b>	Frame Length	<b>9.65 in</b>
Shaft Diameter	<b>0.875 in</b>	Shaft Extension	<b>4.25 in</b>
Assembly/Box Mounting	<b>F1 Only</b>		
Outline Drawing	<b>037643-965</b>	Connection Diagram	<b>A-EE7090JR</b>

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SINGLE VOLTAGE CAPACITOR START  
MOTOR, ELECTRICALLY REVERSIBLE



VIEW OF TERMINAL END

				✓ 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
1	01-10-1987	NEW DRAWING	CN-7664C	GK	WAUSAU, WISCONSIN 54401		APPD BY
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

