

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 324TTFC4026

Catalog No: E984A

Other Purpose Motor, 40 & 30 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1800 & 1500 RPM,  
324T Frame, TEFC

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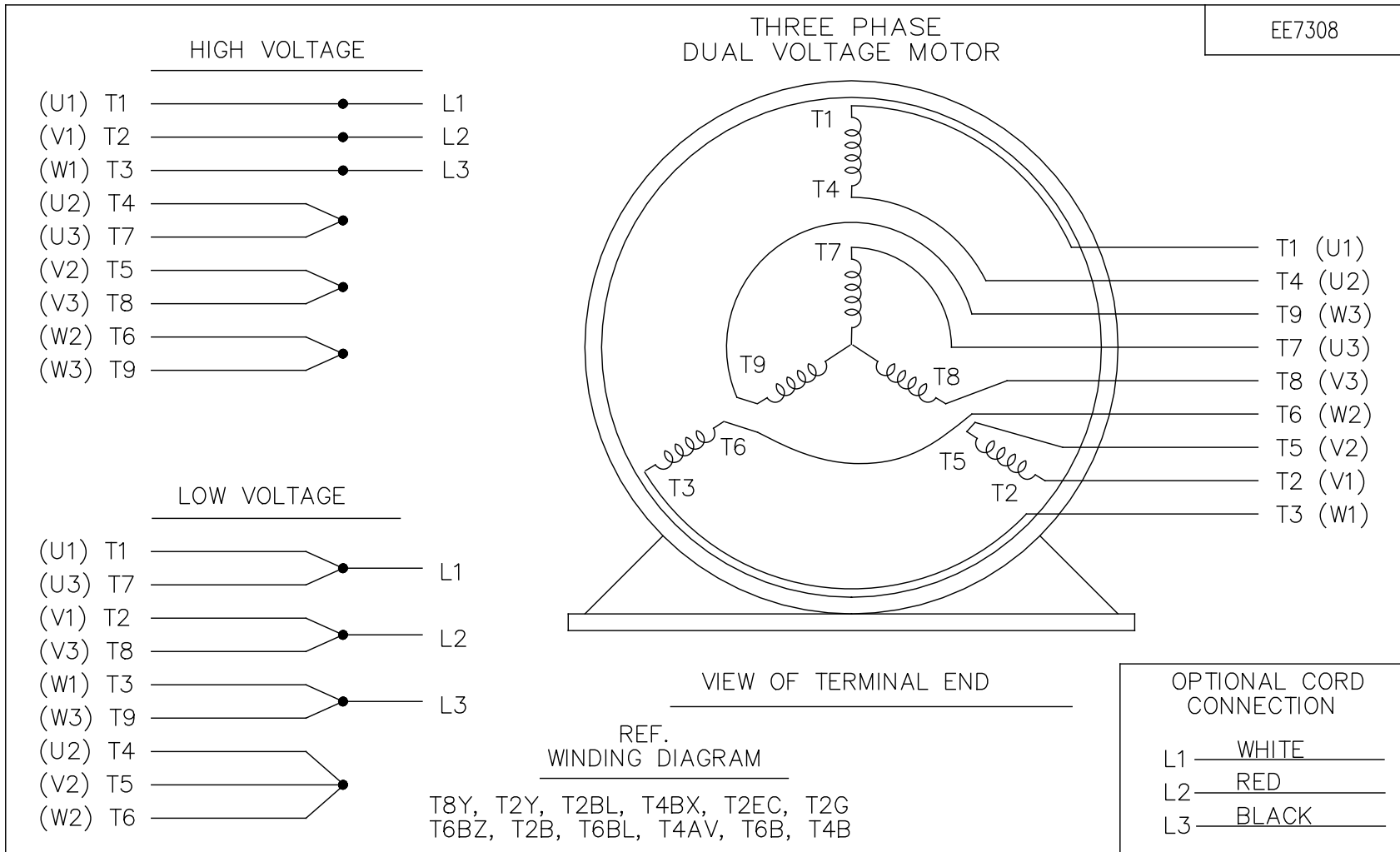


### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>40 &amp; 30 Hp</b>
Output KW	<b>30.0 &amp; 22.4 kW</b>	Voltage	<b>208-230/460 &amp; 190/380 V</b>
Speed	<b>1765 &amp; 1465 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>324T</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>93 &amp; 92.4 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>102-92/46 &amp; 88/44 A</b>	Power Factor	<b>87.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>G</b>
Drive End Bearing Size	<b>6312</b>	Opp Drive End Bearing Size	<b>6311</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>43</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>0.175 Ohms</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>Cast Iron</b>
Shaft Type	<b>T</b>	Overall Length	<b>28.82 in</b>
Frame Length	<b>13.62 in</b>	Shaft Diameter	<b>2.130 in</b>
Shaft Extension	<b>5.25 in</b>	Assembly/Box Mounting	<b>F1/F2 Capable</b>
Outline Drawing	<b>B-SS200093-1362</b>	Connection Drawing	<b>A-EE7308</b>



NO.		REVISION		BY & DATE		TOLERANCES UNLESS SPECIFIED		<b>Regal Beloit America, Inc.</b>	DRAWN RM 11/20/1990	
						DEC.	INCHES		CHK	ML
5	CHG TO REGAL LOGO	SL	09/10/2015	AB		DEC.	INCHES	<b>REGAL</b> ™ 3Ø - DUAL VOLTAGE MOTOR CONNECTION DIAGRAM	APPD	SAS 04/24/2003
4	REVISED IEC NOTATIONS	MSG	11/15/2011	CMN	.X		±.1		SCALE	1=1
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG	5/10/2010	MJS	.XX		±.02		REF	
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH	04/24/2003	DRS	.XXX		±.005		FMP	
1	REDRAWN	RM	11/20/1990		.XXXX		±.0005		PREV	
						CHK	ANG	±7'30"	FINISH	
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