

# PRODUCT INFORMATION PACKET

**marathon**<sup>®</sup>  
Motors

Model No: 326TSTGP4036

Catalog No: U079

Other Purpose Motor, 50 & 40 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,  
326TS Frame, EPFC

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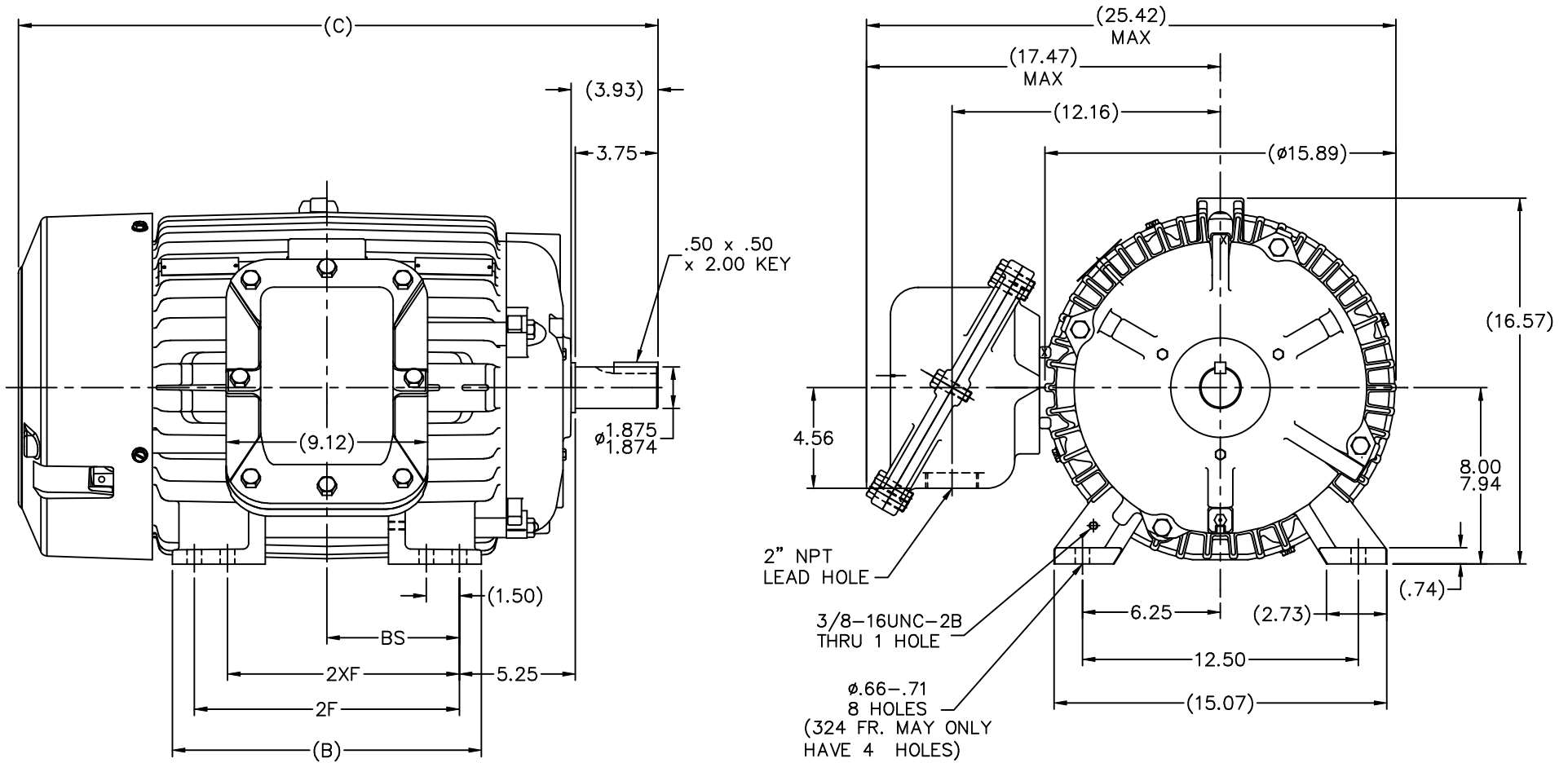
**RegalRexnord**

### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>50 &amp; 40 Hp</b>
Output KW	<b>37.0 &amp; 30.0 kW</b>	Voltage	<b>230/460 &amp; 190/380 V</b>
Speed	<b>1765 &amp; 1468 rpm</b>	Service Factor	<b>1.0 &amp; 1.0</b>
Frame	<b>326TS</b>	Enclosure	<b>Explosion Proof 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>122/61 &amp; 119/59.5 A</b>	Power Factor	<b>82</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>Listed</b>	CSA	<b>Y</b>
CE	<b>N</b>	IP Code	<b>54</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Line Or Inverter</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.122 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>TS</b>	Overall Length	<b>28.97 in</b>
Frame Length	<b>16.25 in</b>	Shaft Diameter	<b>1.875 in</b>
Shaft Extension	<b>3.93 in</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Connection Drawing	<b>A-EE7308AD</b>	Outline Drawing	<b>B-SS311002-1625</b>

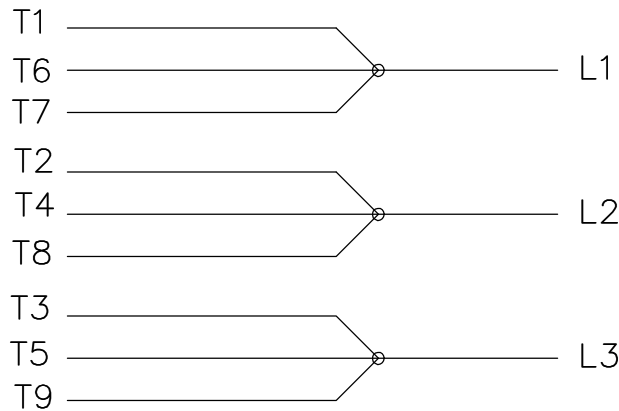


- NOTES:  
 1. BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.  
 2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

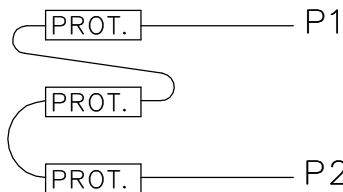
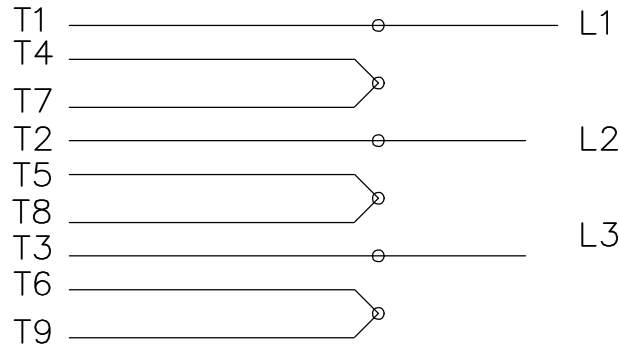
DASH	FRAME	B	C	2F	2XF	BS
1475	324TS	14.00	27.47	10.50		5.25
1625	326TS	14.00	28.97	12.00	10.50	6.00

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN DA 03-25-1999						
5	REDRAWN IN AUTOCAD	TAT	06-28-2004	ML	DEC.	INCHES	CHK ML 04-14-1999					
4	DASH 1475 (B) 14.00 WAS 12.50	CN	29200-1468	HLB	02-26-2001	.X ±.1	APPD SW 04-14-1999					
3	UPDATED 'C' BOX GEOMETRY PER CAST. CHG. CN 29010	DRS	01-31-2000	.XX	±.03	TITLE OUTLINE - EXP.PR. - TGP	SCALE 7-32					
2	REVISED 'C' DIMENSION FOR C.I. FAN GUARD.	DA	07-12-1999	.XXX	±.005	320TS - STD - 12.50 LAM.	REF					
	REVISED CONDUIT BOX	CN	2700-239	.XXXX	±.0005	MATL	FMF					
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV					
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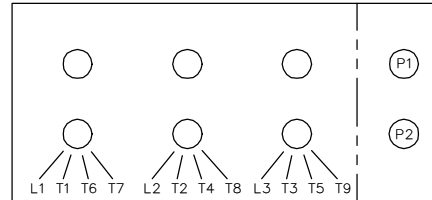
LOW VOLTAGE



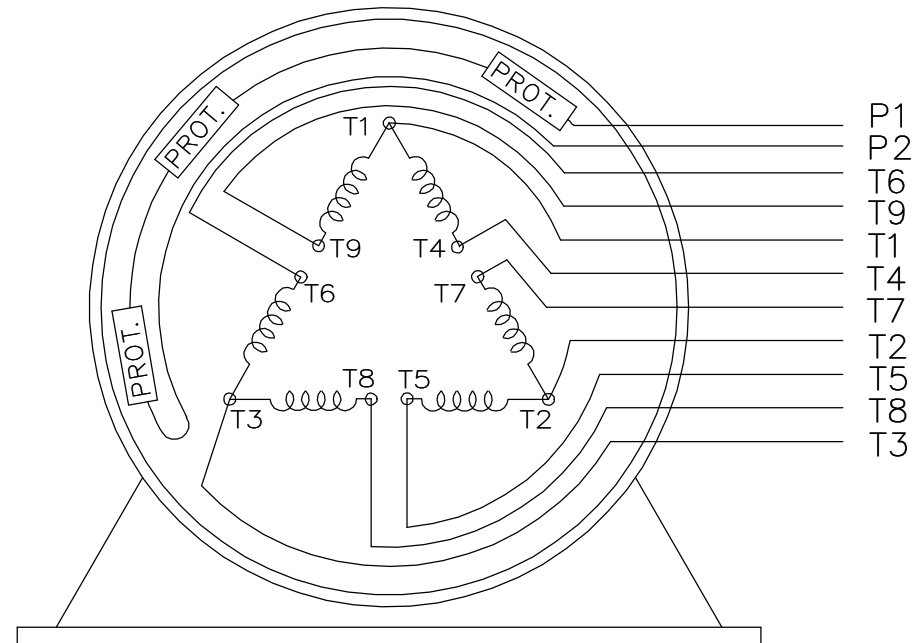
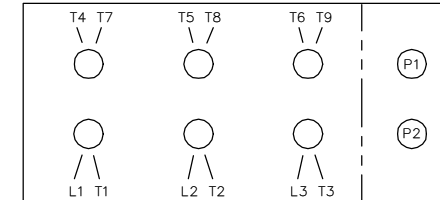
HIGH VOLTAGE



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

WHEN MORE THAN ONE PROT. IS USED; PROT. ARE CONNECTED IN SERIES

DRAWING REVISION <b>L</b>	REVISION BY <b>JP</b>	REV DATE/© DATE <b>06-21-2019</b>	TOLERANCES (EXCEPT AS NOTED): DEC.    INCH    mm    ANGLE .X       ±0.1     [±3]     ±7' 30" .XX      ±0.02    [±0.5] .XXX    ±0.005    [±0.13] .XXXX   ±0.0005 [±0.013]	DRAWN BY <b>MJD</b>	Regal Beloit America, Inc.
ECO <b>ECO-0168744</b>	APPROVED BY <b>MH</b>	DATE <b>06-21-2019</b>		DATE <b>12-19-1997</b>	
ECO DESCRIPTION <b>UPDATED TO CURRENT STANDARDS</b>			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 200/ 5.1 INCH/mm	APPROVED BY <b>GK</b>	DESCRIPTION <b>CONN DIAGRAM-EXTERNAL</b>
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			SIZE <b>A</b>	DRAWING NUMBER <b>EE7308AD</b>	SHEET <b>1 OF 1</b>