

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 326TTDBD6030

Catalog No: GT0177

Globetrotter® General Purpose Motor, 50 HP, 3 Ph, 60 Hz, 575 V, 1800 & 1800 RPM, 326T Frame, DP



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**RegalRexnord**

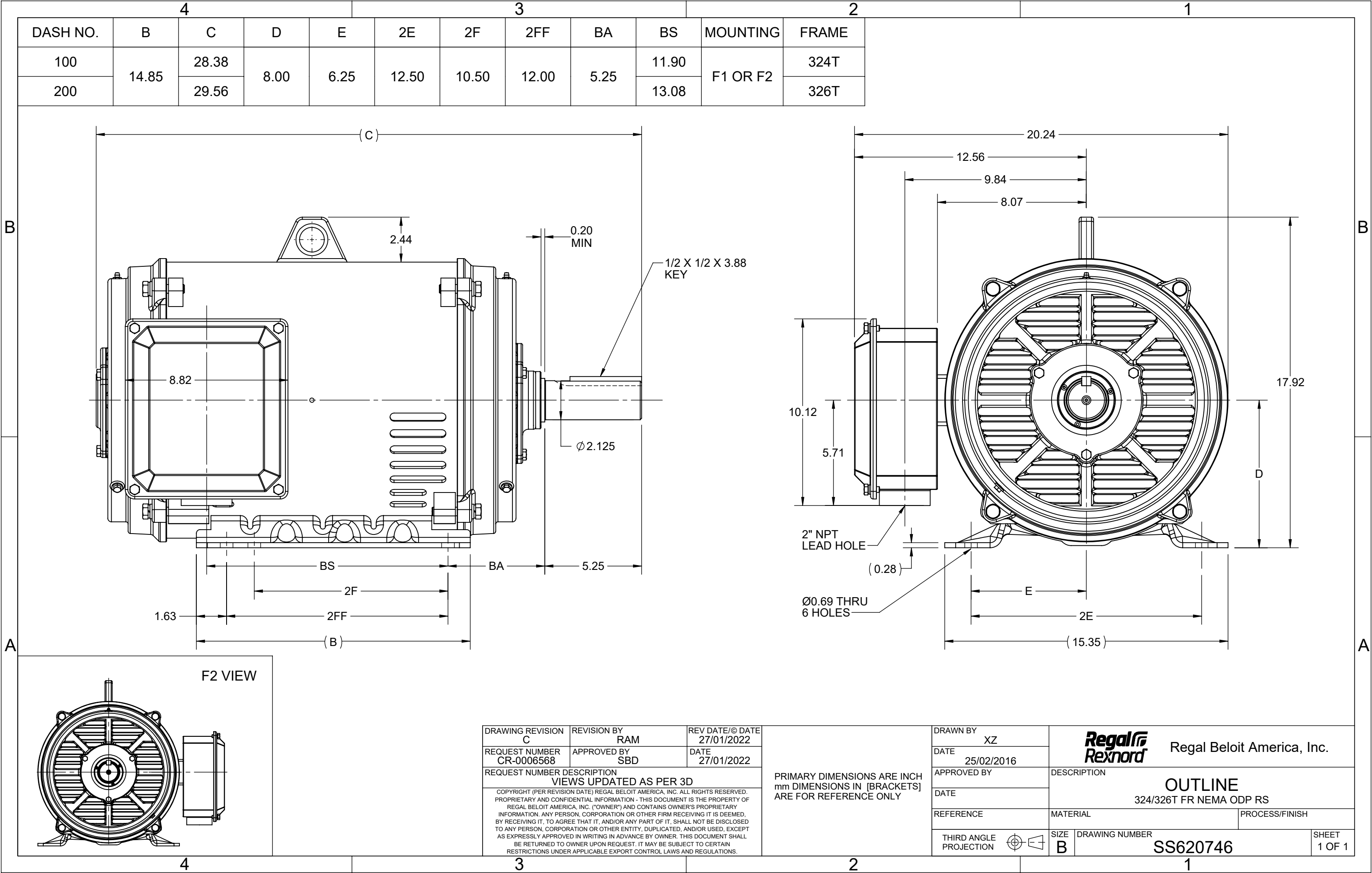
### Nameplate Specifications

Phase	3	Output HP	50 Hp
Output KW	37.0 kW	Voltage	575 V
Speed	1780 r/min	Service Factor	1.15
Frame	326T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	94.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	47.0 A	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

### Technical Specifications

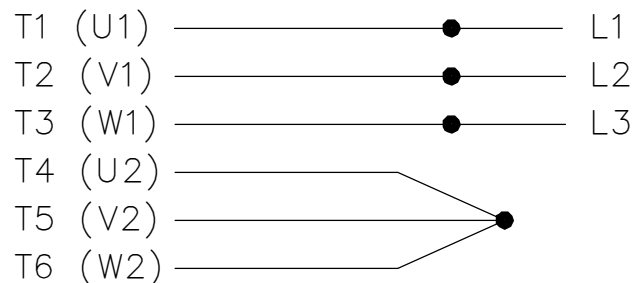
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.158 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	29.73 in
Frame Length	400.00 in	Shaft Diameter	2.125 in
Shaft Extension	5.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 4:1/VARIABLE 10:1		
Outline Drawing	SS620746-200	Connection Drawing	EE7340



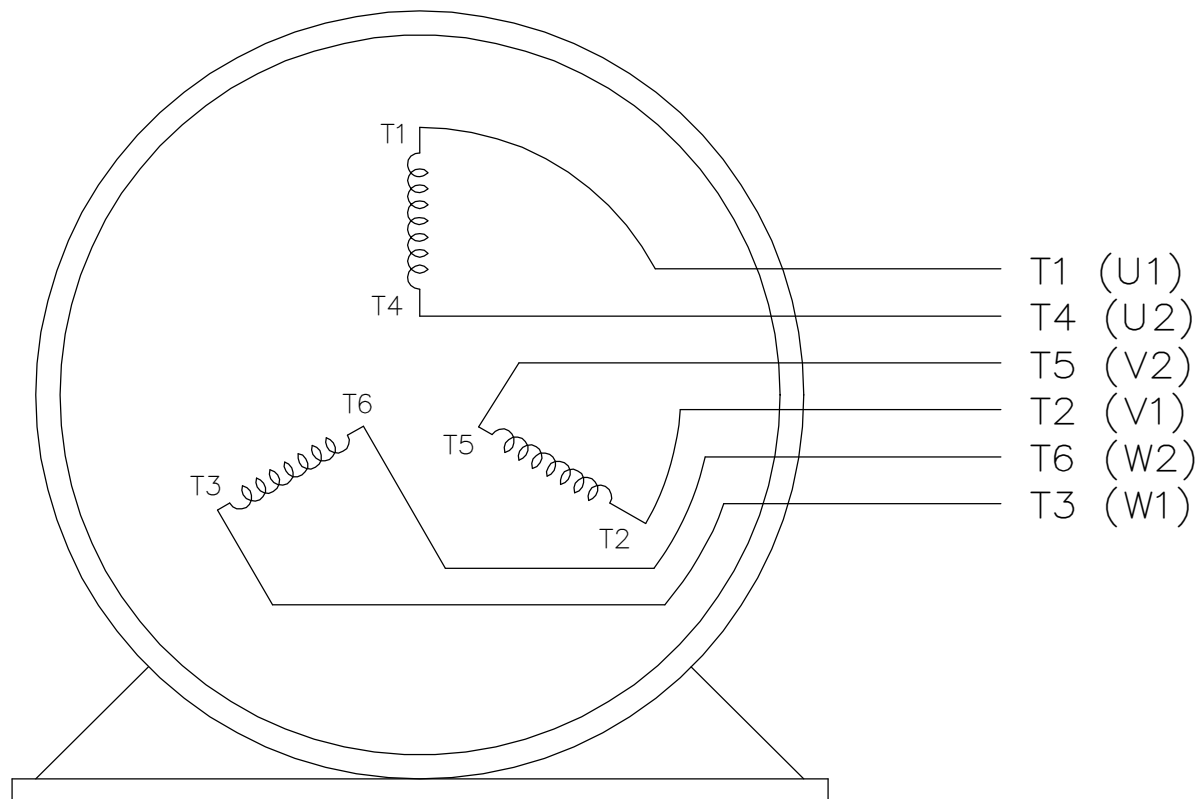
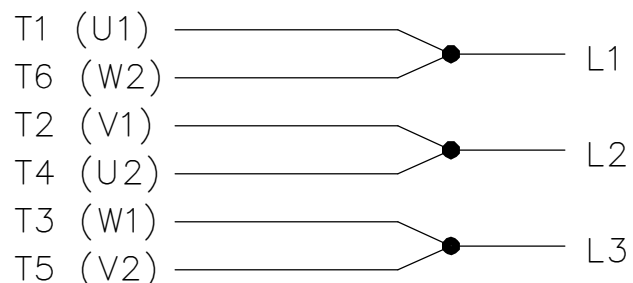


THREE PHASE  
WYE START DELTA RUN

START





RUN



VIEW OF TERMINAL END

NOTE:  
IEC LEAD MARKINGS ARE NOTED  
IN PARANTHESES

DRAWING REVISION F	REVISION BY RTT	REV DATE/© DATE 05-29-2019	TOLERANCES (EXCEPT AS NOTED): <div>DEC. INCH mm ANGLE</div> <div>.X ±0.1 [±3] ±7° 30"</div> <div>.XX ±0.02 [±0.5]</div> <div>.XXX ±0.005 [±0.13]</div> <div>.XXXX ±0.0005 [±0.013]</div> <div>REMOVE BURRS &amp; BREAK SHARP</div> <div>EDGES: .003/.015 [.08/.38] X 45 °</div> <div>CORNER FILLETS: R.02 [.5]</div> <div>MACHINED SURFACES: 200/ 5.1</div> <div>INCH mm</div> <div>mm DIMENSIONS IN [BRACKETS]</div> <div>ARE FOR REFERENCE ONLY</div>	DRAWN BY LZ	<div> Regal Beloit America, Inc.</div>		
ECO ECO-0167538	APPROVED BY JWA	DATE 05-29-2019		DATE 01-06-1994	DESCRIPTION <div>CONNECTION DIAGRAM</div> <div>3&lt;MOD-DIAM&gt; - WYE START DELTA RUN</div>		
ECO DESCRIPTION UPDATED TITLE BLOCK				APPROVED BY GK			
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				REFERENCE	SIZE A	DRAWING NUMBER EE7340	SHEET 1 OF 1
			THIRD ANGLE PROJECTION	<div></div>			

## EC Declaration of Conformity

The undersigned representing  
the manufacturer:

Regal Beloit America  
100 East Randolph St.  
Wausau, WI 54401

and the authorized representative  
established within the Community:

Marathon Electric UK  
6F Thistleton Road Ind. Estate  
Market Overton  
Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : 326TTDBD6030

(Model No. may contain prefix and/or suffix characters)

Catalog No : GT0177

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)


EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Michael A. Logsdon  
Vice President, Technology

Authorized Representative in the Community:



Julian Clark  
Marketing Engineer

Created on 09/01/2022

**CE 22**