

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 444TSTFCD6002

Catalog No: GT1248-P

Globetrotter[®] General Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
3600 & 3000 RPM, 444TSC Frame, TEFC

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RegalRexnord

Nameplate Specifications

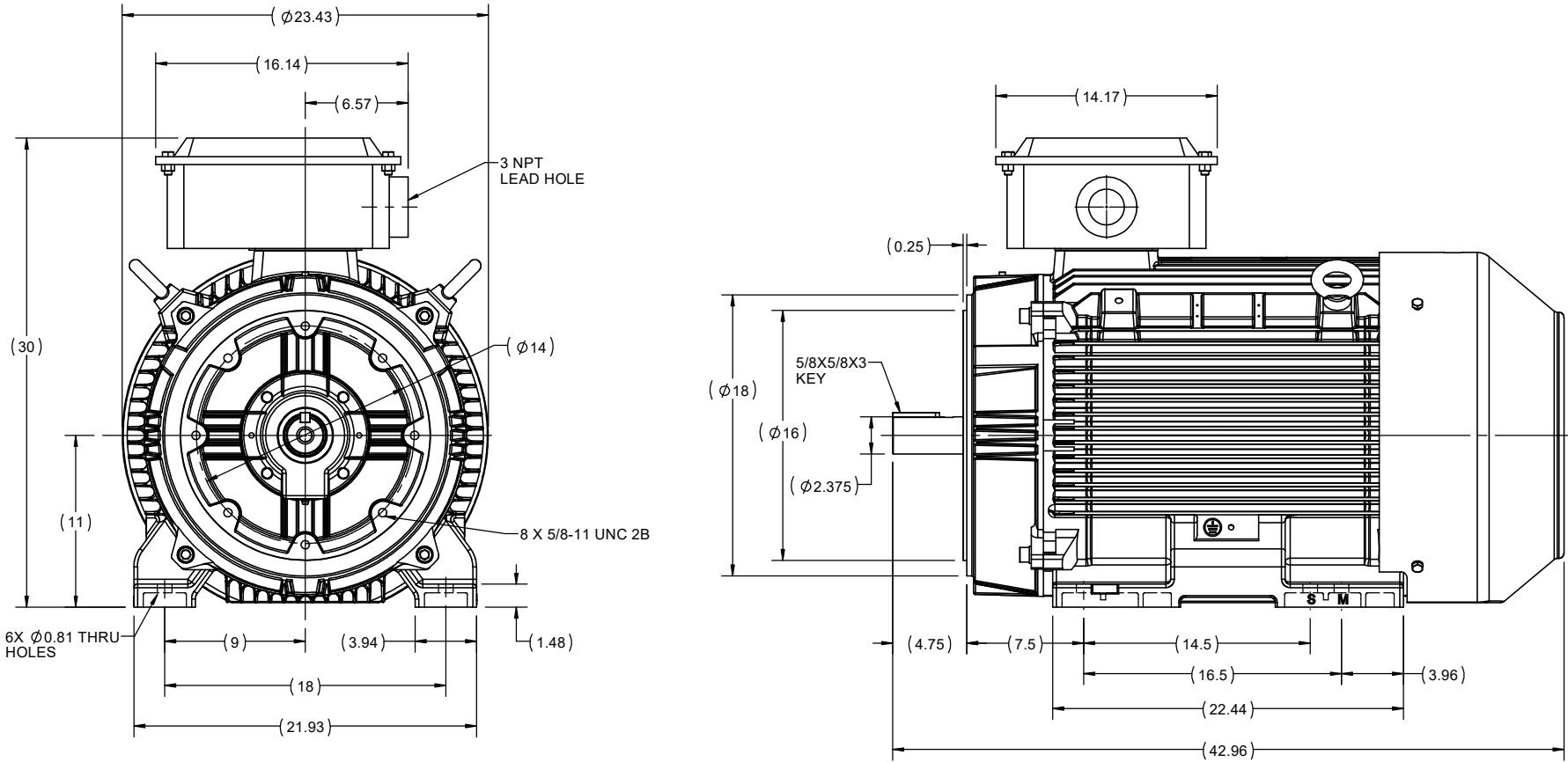
Phase	3	Output HP	125 & 100 Hp
Output KW	93.0 & 75.0 kW	Voltage	230/460 & 190/380 V
Speed	3580 & 2980 rpm	Service Factor	1.15 & 1.15
Frame	444TSC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	95 & 94.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	276/138 & 268/134 A	Power Factor	89.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1	Hazardous Location	DIVISION 2 T2B

Technical Specifications


Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.0341 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Shaft Diameter	2.375 in
Assembly/Box Mounting	F3	Inverter Load	VARIABLE 10:1
Outline Drawing	0244500022	Connection Drawing	EE7308BZ

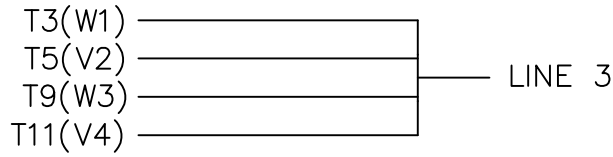
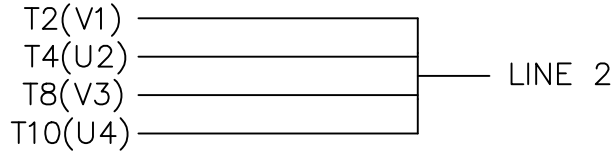
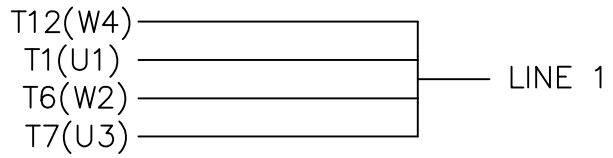
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OUTLINE

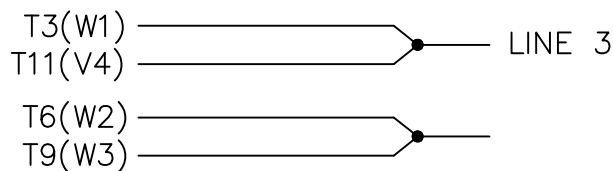
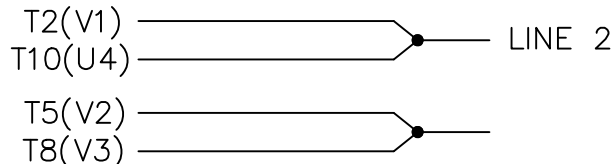
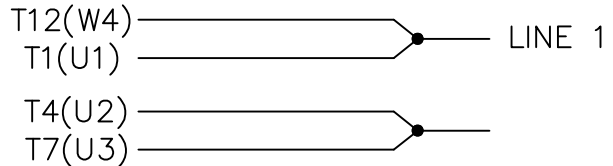


DRAWING REVISION A	REVISION BY GNK	DATE 31/05/2017
ECO ECO-0124468	APPROVED BY SBD	DATE 31/05/2017
ECO DESCRIPTION NEW DRAWING RELEASE		
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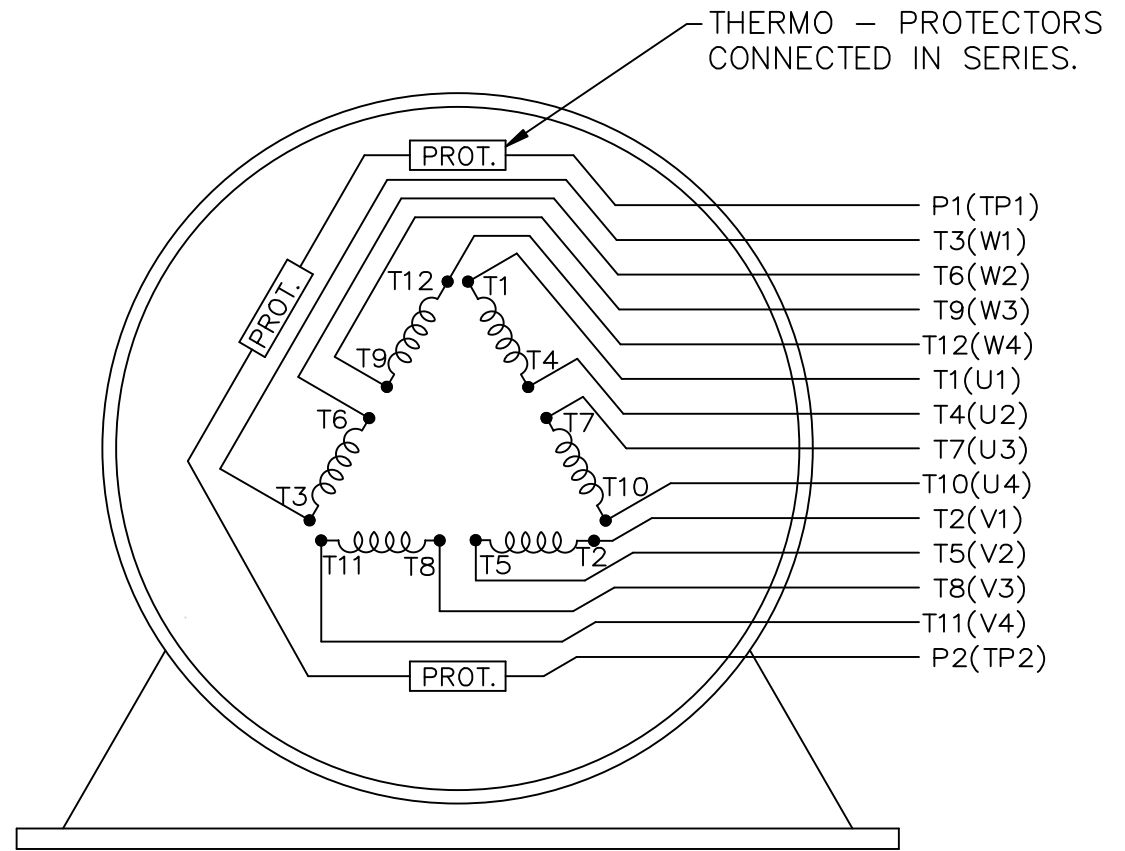
DRAWN BY GNK	 Regal Beloit America, Inc.
DATE 20/02/2017	
APPROVED BY SBD	DESCRIPTION OUTLINE 444/445TSC FR-TEFC-CAST IRON-F3 MTG
DATE 20/02/2017	MATERIAL
REFERENCE	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE B
DRAWING NUMBER 0244500022	SHEET 1 OF 1




LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN SMC 05-10-1991				
				DEC.	INCHES		CHK TB 05-10-1991				
				.X	±.1		APPD ML 05-10-1991				
				.XX	±.02		SCALE				
2	ADDED IEC DESIGNATIONS MU84825	JJB 05/13/2008	ML	.XXX	±.005	TITLE 3 PHASE CONNECTION DIAGRAM 2/1 DELTA - 12 LEADS	REF				
1	NEW DRAWING	SMC 05-10-1991		.XXXX	±.0005	MAT'L.	FMF				
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	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 EE7308BZ		SIZE	DRAWING NO.	PAGE	OF	REV.
				DIST	WA-LB		A	EE7308BZ			2

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 : 444TSTFCD6002

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

Catalog No : 444TSTFCD6002

Rework No : N/A

Directives :

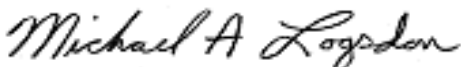
Low Voltage Directive 2014/35/EU

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