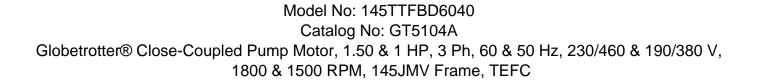
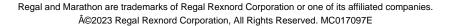
# **PRODUCT INFORMATION PACKET**







marathon<sup>®</sup>

Motors



1 of 5

Product Information Packet: Model No: 145TTFBD6040, Catalog No:GT5104A Globetrotter® Close-Coupled Pump Motor, 1.50 & 1 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 145JMV Frame, TEFC

# marathon®

#### Nameplate Specifications

Phase	3	Output HP	1.50 & 1 Hp	
Output KW	1.1 & 0.75 kW	Voltage	230/460 & 190/380 V	
Speed	1750 & 1455 rpm	Service Factor 1.15 & 1.0		
Frame	145JMV	Enclosure	Totally Enclosed Fan Cooled	
Thermal Protection	No Protection	Efficiency	86.5 & 82.5 %	
Ambient Temperature	40 °C	Frequency	60 & 50 Hz	
Current	4.4/2.2 & 4/2 A	Power Factor	76	
Duty	Continuous	Insulation Class	F	
Design Code	В	KVA Code	Μ	
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205	
UL	Listed	CSA	Y	
CE	Y	IP Code	43	
Number of Speeds	1	Hazardous Location	DIVISION 2 T2B	

### **Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter	
Poles	4	Rotation	Reversible	
Resistance Main	9.75 Ohms	Mounting	Round	
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball	
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel	
Shaft Type	JM	Shaft Diameter	0.875 in	
enant i jpe				
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1/VARIABLE 10:1	

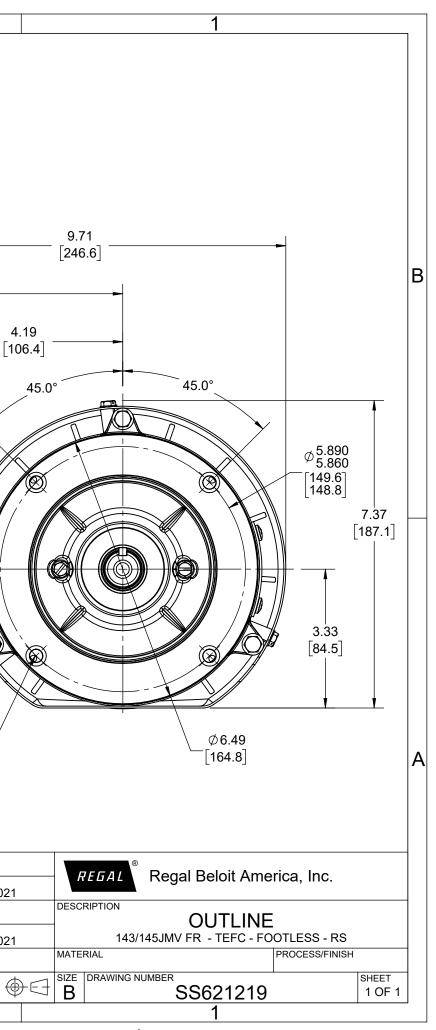
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						1		
		4			3		2	
	DASH NO	"C"	"AG"	"AH"				
	800	18.60	14.35	4.25				
	850	19.10	14.85	4.25				
	900	19.60	15.35	4.25				
В				C				5.80
	-		———— AG —		AH			<b>-</b> [147.3]
			4.06 [103.0]				<ul> <li>.19[4.82] X .19[4.82] X 1.50[38.1] KEY</li> <li>DRILL - 1.12 DP 3/8 - 16 UNC-38 .75 FULL THD .44 DIA. C'SINK</li> <li>44 DIA. C'SINK</li> <li>44 DIA. C'SINK</li> <li>24.500 4.497 [114.3] 114.2]</li> <li>25.2 29.1</li> <li>21.1 [53.6]</li> <li>21.1</li> <li>23.6]</li> <li>23/4 NPT</li> </ul>	
A							LEAD H 3/8-16 UNC-2 .56[14.22] MI	
								4 HOLES—/
					DRAWING REVISION REVISION BY	REV DATE/© DATE 25/08/2021	TOLERANCES (EXCEPT AS N DEC. INCHmm	IOTED): DRAWN BY ANGLE JP
					ECO APPROVED BY CR-0004054 GNK	DATE 25/08/2021	.X ±0.1 [±3] .XX ±0.03 [±0.8]	<u>ANGLE</u> <u>3P</u> ±7' 30" DATE 25/08/2021
						I	.XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013]	APPROVED BY
					COPYRIGHT (PER REVISION DATE) REGAL BELOIT AMERICA, IN PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUN REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS O' INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT,	C. ALL RIGHTS RESERVED. IENT IS THE PROPERTY OF WNER'S PROPRIETARY RECEIVING IT IS DEEMED,	REMOVE BURRS & BREAK SI EDGES: .003/.015 [.08/.38] X CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 200/	

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CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 200/ 5.1/ INCH / mm / mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS. 3 2

THIRD ANGLE PROJECTION



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## **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: 145TTFBD6040

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

Catalog No : GT5104A

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

Michael A. Logsdon Vice President, Technology

Created on 01/28/2023

(€ 23

Authorized Representative in the Community:

Julian Clark Marketing Engineer