

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 215TTDBD6044

Catalog No: GT4119

Globetrotter® Close-Coupled Pump Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1800 & 1500 RPM, 215JMV Frame, DP



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RegalRexnord

Nameplate Specifications

Phase	3	Output HP	10 & 7.50 Hp
Output KW	7.5 & 5.6 kW	Voltage	230/460 & 190/380 V
Speed	1768 & 1470 rpm	Service Factor	1.15 & 1.15
Frame	215JMV	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	91.7 & 91 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	25.4/12.7 & 23.4/11.7 A	Power Factor	80.1
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

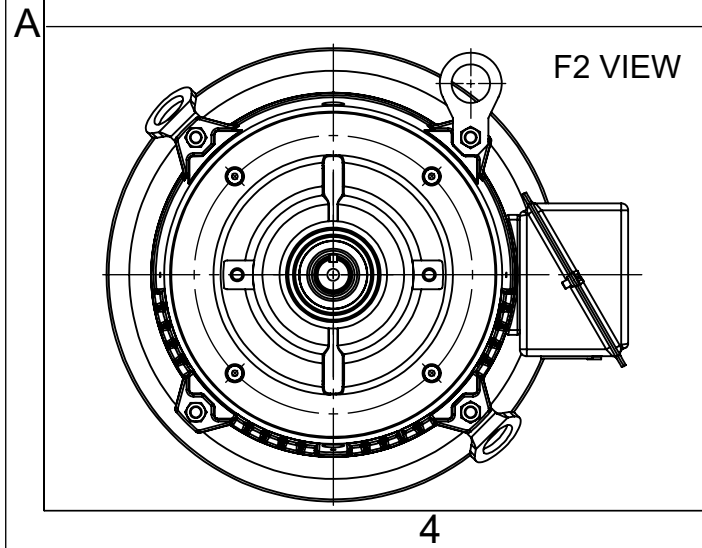
Technical Specifications



Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	1.217 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Shaft Diameter	1.250 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	VARIABLE 10:1
Outline Drawing	SS621145	Connection Drawing	EE7308

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Technical drawing of a lift lug assembly, showing a side view of the component. The drawing includes the following dimensions and labels:

- Dimensions:**
 - $\phi 11.81$ (Outer diameter of the main body)
 - 5.00 (Distance from the left edge to the center of the main body)
 - 0.30 (Distance from the right edge of the main body to the center of the main body)
 - AG (Overall length of the main body)
 - BV (Distance from the left edge to the center of the main body)
 - AH (Distance from the right edge of the main body to the center of the main body)
 - $\phi 1.250$ (Outer diameter of the shaft)
 - $\phi 1.0000$ (Inner diameter of the shaft)
 - $\phi 0.8745$ (Outer diameter of the shaft at the bottom)
 - $\phi 8.50$ (Outer diameter of the main body at the bottom)
 - $\phi 8.8$ (Outer diameter of the main body at the top)
- Labels:**
 - LIFT LUG
 - DESIGNED FOR MOTOR WEIGHT ONLY
 - EQ (Elevated position)
 - ET (Elevated position)
 - 3/16 x 3/16 KEY (Keyway dimension)



PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY		 Regal Beloit America, Inc.		
	VS				
	DATE		DESCRIPTION OUTLINE 213/215JM FR NEMA FOOTLESS ODP RS DRIP COVER		
	30-03-2021				
	APPROVED BY				
	MSH				
	DATE		MATERIAL		
30-03-2021					
REFERENCE		PROCESS/FINISH			
THIRD ANGLE PROJECTION			SIZE B	DRAWING NUMBER SS621145	SHEET 1 OF 1



				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM	11/20/1990
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		CHK	ML 11/21/1990
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		APPD	SAS 04/24/2003
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		SCALE 1=1	
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR		REF
1	REDRAWN	RM 11/20/1990		.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 ee7308		SIZE	DRAWING NO. PAGE OF REV.
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P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER:**ORDER #:****CONN. DIAGRAM:****OUTLINE:****WINDING:****SPEED:**

EE7308

SS621145

HA31324016 NONE 2

CUSTOMER P.O. #:**REFERENCE MODEL #:****CAT #:****CUSTOMER PART #:****MOUNTING:**

215TTDBD6044

GT4119

F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
10	7.5	1800	1768	215JMV	DP	TDB	H	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460#190/380	25.4/12.7&23.4/11.7	LINE OR INVERTER	CONT	F	1.15	40	3300

F.L. EFF	91.7	3/4 LD EFF	91.9	1/2 LD EFF	90.9	GTD EFF	ELECT. TYPE
F.L. PF	80.1	3/4 LD PF	75.8	1/2 LD PF	65.1	91.0	SQ CAGE INV RATED

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)
29.8 LB-FT	79.0	72.0 LB-FT	242%	88.0 LB-FT 295%

SOUND PRESSURE @ 3 FT.	SOUND	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	APPROX.	MOTOR WGT
47 dBA	56 dBA		1.09 LB-FT ²	79 LB-FT ²	15 SEC.	2	140 LB.	

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	SHAFT DOWN	NO	NONE	YES	NONE	BLUE (ENAMEL)

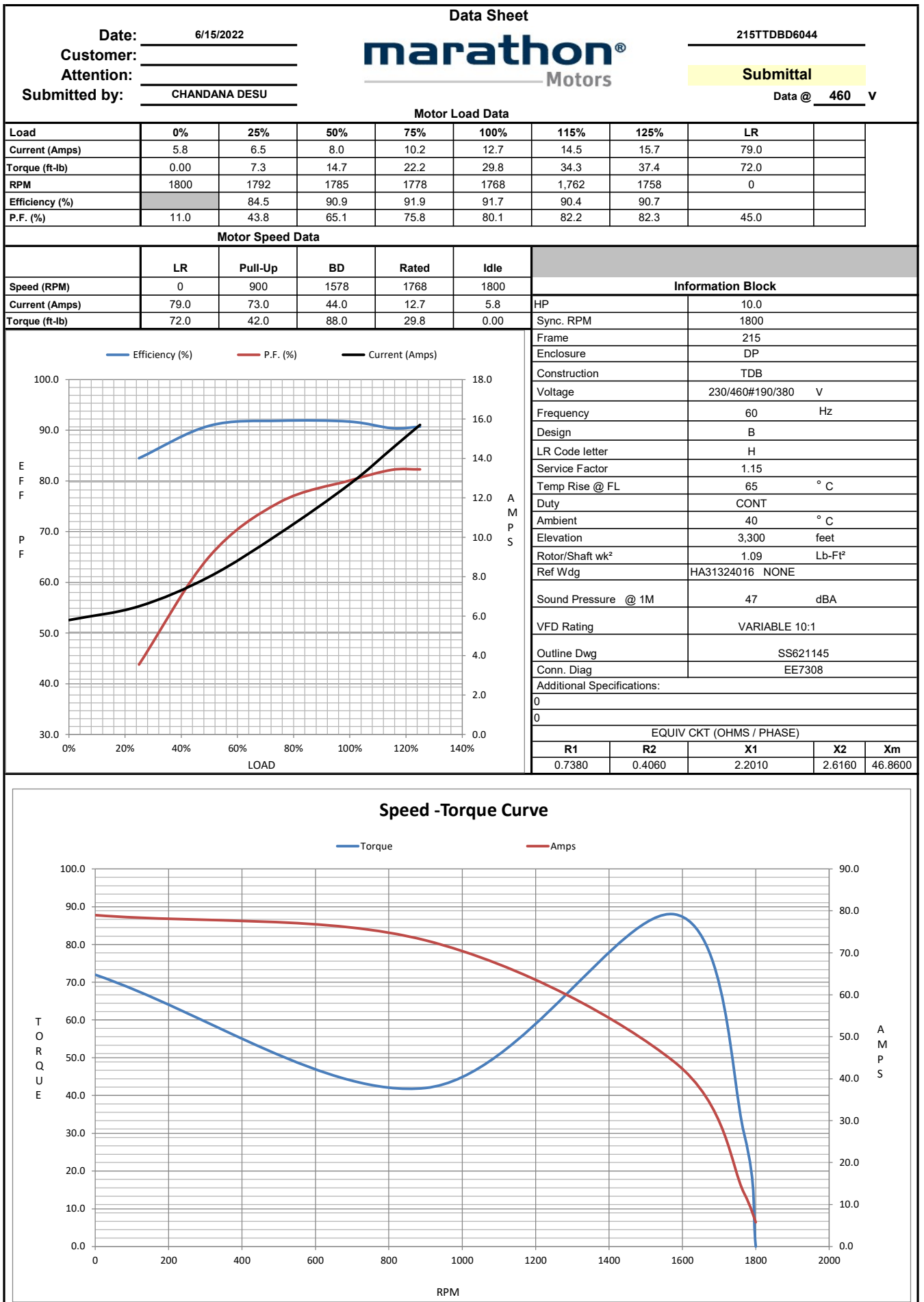
BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL
DE ODE							
BALL BALL	POLYREX EM	JM	NONE	NONE	1045 HOT ROLLED (C-204)		ROLLED STEEL
6309 6206							

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE	HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE		NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0.738	0.406	2.201	2.616	46.86	0.150	ODE

* N O T E s					INVERTER TORQUE: VARIABLE 10:1
					INV. HP SPEED RANGE: NONE
					ENCODER: NONE
					NONE
					NONE PPR

PREPARED BY: CHANDANA DESU	BRAKE: NONE
DATE: 6/15/2022	NONE NONE
	FT-LB: NA
	VOLTAGE: NONE
	HZ:
FORM: 3531 REV. 4 2/27/06	UL: V - LIME-INS.CONST UL REC



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 : 215TTDBD6044

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

Catalog No : GT4119

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 09/02/2022

CE 22