## PRODUCT INFORMATION PACKET

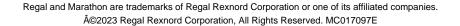


Model No: 160MTFC6511 Catalog No: R333A

Globetrotter® IEC Cast Iron Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V,

3600 & 3000 RPM, 160M Frame, TEFC









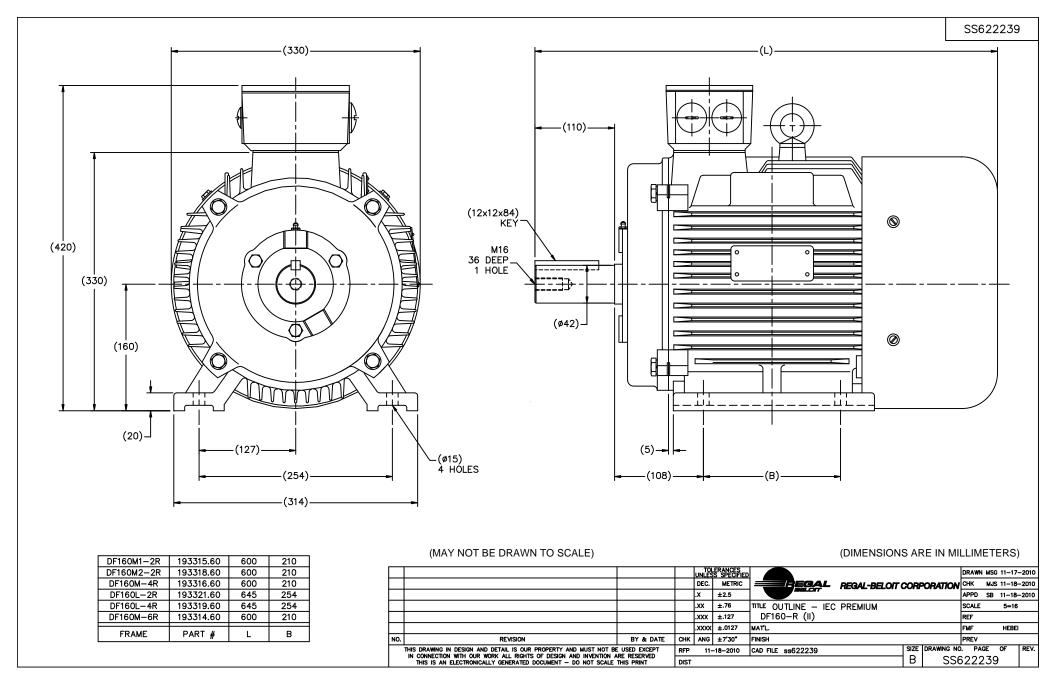
#### Nameplate Specifications

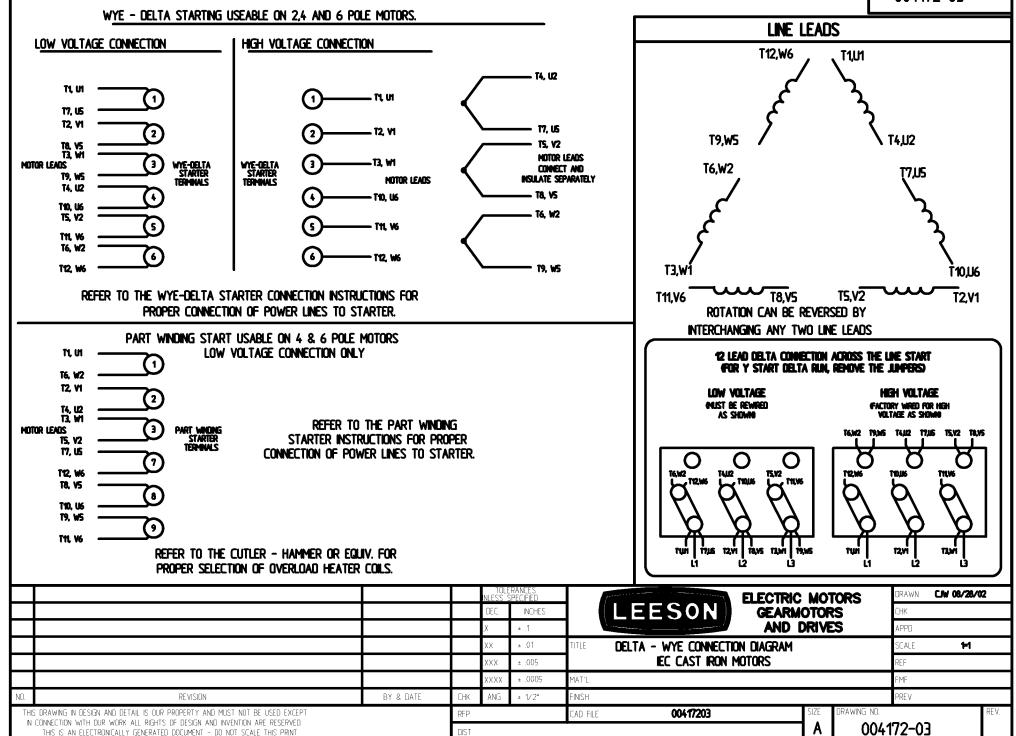
Phase	3	Output HP	15 & 10 Hp			
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 200/400 V			
Speed	3545 & 2960 rpm	Service Factor	1.15 & 1.15			
Frame	160M	Enclosure	Totally Enclosed Fan Cooled			
Thermal Protection	No Protection	Efficiency	91 & 91 %			
Ambient Temperature	40 °C	Frequency	60 & 50 Hz			
Current	35/17.5 & 27/13.5 A	Power Factor	88.5			
Duty	Continuous	Insulation Class	F			
Design Code	В	KVA Code	G			
Drive End Bearing Size	6209	Opp Drive End Bearing Size	6209			
UL	Recognized	CSA	Υ			
CE	Υ	IP Code	55			
Number of Speeds	1					

### **Technical Specifications**

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter			
Poles	2	Rotation	Reversible			
Resistance Main	.4 Ohms	Mounting	Rigid Base			
Motor Orientation	Horizontal	Drive End Bearing	Ball			
Opp Drive End Bearing	Ball	Frame Material	Cast Iron			
Shaft Type	IEC	Overall Length	23.62 in			
Shaft Diameter	1.666 in	Shaft Extension	4.33 in			
Assembly/Box Mounting	F3	Inverter Load	CONSTANT 2:1			
Outline Drawing	B-SS622239	Connection Drawing	004172.03			

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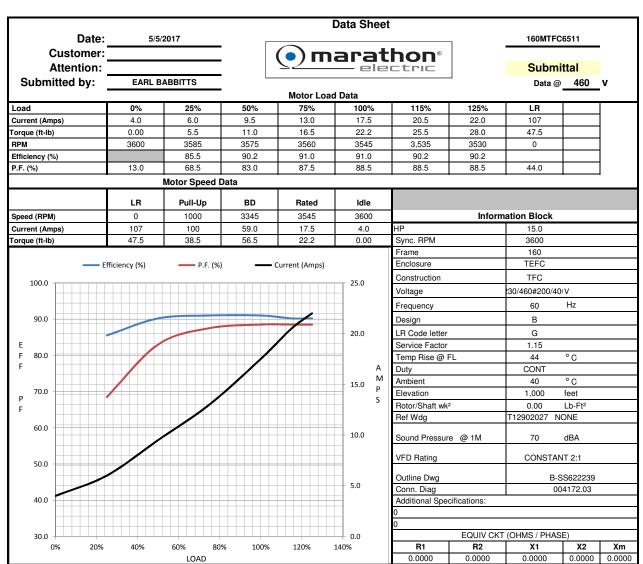
ERROR: syntaxerror
OFFENDING COMMAND: --nostringval-STACK:

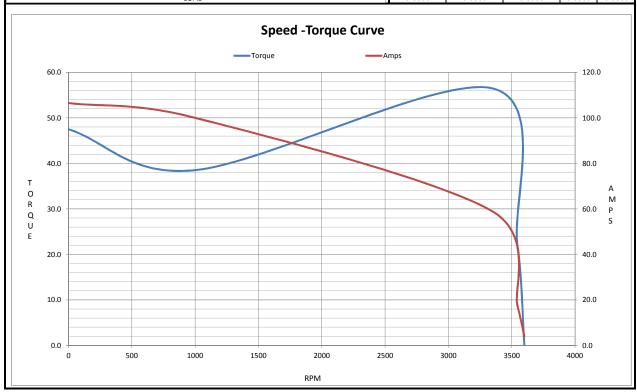
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-dictionary/Pscript\_WinNT\_Compat
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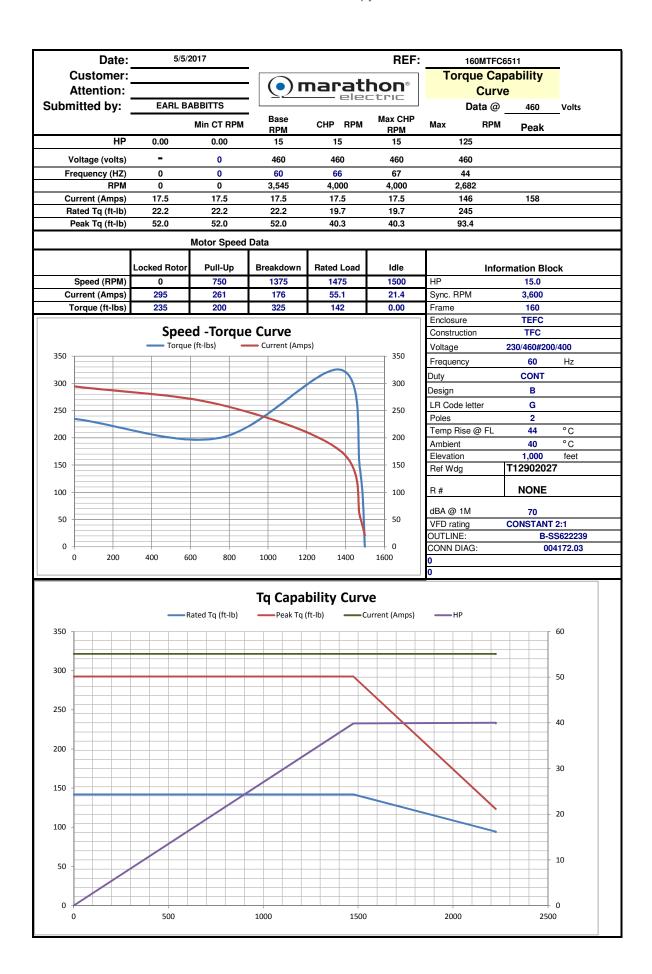


P.O. BOX 8003 WAUSAU, WI 54401-8003 PH. 715-675-3311

							elect	ric		PH. /13-0	75-3311			
											DATA VOLTS:	460		
					CER	TIFICAT	TION DATA	SHEE	Т					
CUSTOMER:							CUSTO	OMER P.O. #:						
	ORDER #:						F		E MODEL #:		5511		_	
CONN. DI	CONN. DIAGRAM:		004172.03						CAT #:	: R333A			_	
OUTLINE		B-SS62223			CUSTOMER PART #:									
WINDING: SPEED:	:		T12902027	NONE	3				MOUNTING:	F3				
OI LLD.				TY	PICAL	MOTOR	PERFORI	MANCE	DATA					
НР	KW	CVNC	SYNC RPM FL RPM		DM	M FRAME ENCLOSURE		TYPE KVA COL		NDE.	DECION			
ПР	KW	SYNC	KPW	FLH	PIM	Г	KAME	ENCLOSURE		ITPE	KVACC	DDE DESIGN		
15	11.2	36	00	354	15		160M	TEFC		TFC	G	N		
		,		,			,				r		,	
PH	HZ	VOI		AM			RT TYPE		OUTY	INSL F	S.F.	AMB	ELEV.	
3	60/50	230/460#	‡200/400	35/17.5&	27/13.5	PWS & Y	DRUN OR INV		ONT	F	1.15	40	3300	
	F.L. EFF	91.0		3/4 LD EFF	91.0		1/2 LD EFF	90.2	GTD EFF		ELECT.	ГҮРЕ		
	F.L. PF	88.5		3/4 LD PF	87.5		1/2 LD PF	83.0	90.2		SQ CAGE IN	V RATED		
	OBOUE			400.1/		L D TODA	NIE .		D.D. TODOU		E. 1. 100			
22.2	ORQUE LB-FT	LF	107	460 V	47.5	L.R. TORO	214%	56.5	B.D. TORQU LB-FT	£ 255%	F.L. RISE	(°C)	+	
			107		17.0		21470	00.0		20070		l	4	
@	@ <b>3 FT.</b> PO 70 dBA 79		POWER		ROTOR WK <sup>2</sup>		MAX. LOAD WK <sup>2</sup>		SAFE STALL TIME		STARTS/HOUR		R WGT	
70			dBA	0.00	LB-FT <sup>2</sup>	0	LB-FT <sup>2</sup>	20	SEC.		2	265	LB.	
					*** SUP	PLEMEN	ITAL INFOR	MATION	***					
		ODE BF		MOUNT	MO	TOR	SEVERE	HAZ	ARDOUS	DRIP				
	DE BRACKET TYPE STANDARD		<b>PE</b> DARD	TYPE RIGID	_	TATION CONTAL	DUTY UM SEVERE		ONE	NO	SCREENS NONE	PAINT BLUE (ENAMEL)		
STAI	NDAILD	STAIN	DAILD	MIGID	HOHIZ	LONTAL	OW SEVERL	- 1	ONL	INO	NONL	DLOL (I	_INAIVILL)	
BEA	RINGS	GPE	ASE	SHAFT TYPE		SPECIAL DE		SPECIAL ODE		SHAFT MATERIAL		FRAME MATERIAL		
DE	ODE	GIL	AGE	SHALL	11171	SPECIAL DE		SPECIAL ODE		SHAFT MATERIAL		FRAME MATERIAL		
6209	BALL 6209	POLYF	REX EM	STANDA	RD IEC	N	NONE	NONE		1045 HOT ROLLED (C-204		CAST IRON		
0209	0209	1												
													SPACE	
THERMOSTATS NONE		PROTE			WDG RTD's NONE		BRG RTD's NONE		THERMISTORS NONE		FALSE		HEATERS NA	
144	ONL	140	<i>J</i> 1	INOI	VL .		NOINE	- 1	ONL	'	ALGE	'	<u> </u>	
R1 (ohms/ph)		R2 (oh	ms/ph)	X1 (ohr	ns/ph)	X2 (d	X2 (ohms/ph) Xm (o		hms/ph)	VIBRATION (in/sec)		FLOAT		
0		0 (		0		0	0		0.080		ODE			
*														
N									INVERTER	TORQUE:	CONSTANT 2:	1		
0						I	NV. HP SPEE	D RANGE:	1.5 X BASE SP	EED				
T										NONE.				
E								ENCODER: NONE						
\$ .						NONE NONE PPR								
									BRAKE:	NONE				
PREPARED BY: EARL BABBITTS						NO		NON	E					
<b>DATE</b> : 5/5/2017					FT-LB: NA									
FORM: 3!	FORM: 3531 REV 4 2/27/06						VOLTAGE: NONE HZ: UL: V-INS, CONST UL REC							
. 01 1111. 00		_,_,,,,,,						UL.		J. OL 11LO				









# **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: 160MTFC6511

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

Catalog No : R333A

Rework No: N/A

#### **Directives:**

Low Voltage Directive 2014/35/EU

Harmonized Standards Used:

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

Michael A Logsdon

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

Authorized Representative:

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Authorized Representative in the Community:

J. Cers

Julian Clark Marketing Engineer

(€ 22