PRODUCT INFORMATION PACKET



Model No: 449TTFCD6077 Catalog No: GT1075

Globetrotter® General Purpose Motor, 300 & 250 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1200 & 1000 RPM,

449T Frame, TEFC



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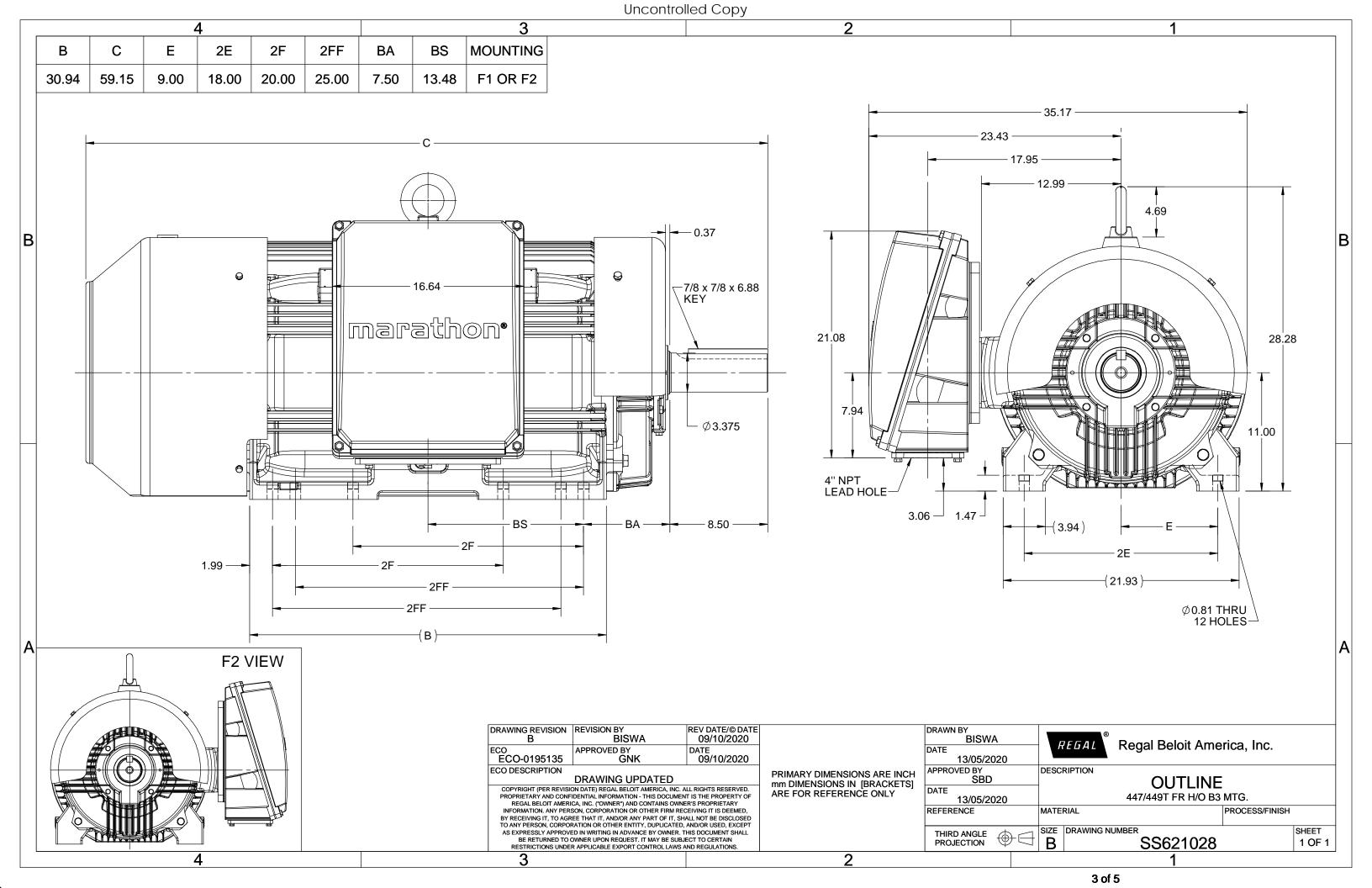
Nameplate Specifications

Phase	3	Output HP	300 & 250 Hp
Output KW	224.0 & 187.0 kW	Voltage	460 & 380 V
Speed	1189 & 988 rpm	Service Factor	1.15 & 1.15
Frame	449T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.8 & 95.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	342 & 343 A	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6317
UL	Listed	CSA	Υ
CE	Υ	IP Code	55
Number of Speeds	1	Hazardous Location	DIVISION 2 T2B

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start Or Inverter			
Poles	6	Rotation	Reversible Rigid Base			
Resistance Main	.0119 Ohms	Mounting				
Motor Orientation	Horizontal	Drive End Bearing	Ball			
Opp Drive End Bearing	Ball	Frame Material	Cast Iron			
Shaft Type	Т	Shaft Diameter	3.375 in			
Assembly/Box Mounting	F1 ONLY	Inverter Load	CONSTANT 2:1/VARIABLE 10:1			
Connection Drawing	EE7341C	Outline Drawing	SS621028			

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EE7341C

START

CONNECT T1 TO LINE 1
CONNECT T2 TO LINE 2
CONNECT T3 TO LINE 3
T7-T8-T9 OPEN

RUN

CONNECT T1&T7 TO LINE 1 CONNECT T2&T8 TO LINE 2 CONNECT T3&T9 TO LINE 3

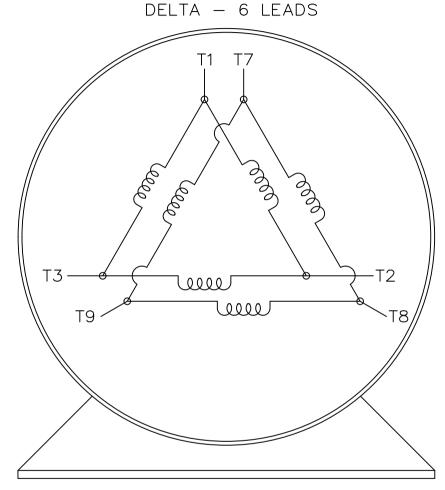
IF MOTOR HAS 2 T'S

START

CONNECT T1,T1 TO LINE 1 CONNECT T2,T2 TO LINE 2 CONNECT T3,T3 TO LINE 3 T7,T7-T8,T8-T9,T9 OPEN

RUN

CONNECT T1,T1&T7,T7 TO LINE 1 CONNECT T2,T2&T8,T8 TO LINE 2 CONNECT T3,T3&T9,T9 TO LINE 3



THREE PHASE - PART WINDING START

VIEW OF TERMINAL END

				TOL UNLES	ERAN S SP	NCES ECIFIED				DRAWN BLR	03-09	-1998
				DEC.	IN	CHES	REGAL REGAL - BELOI	CORF	ORATION	CHK ML	03-23	-1998
				.x	±	-				APPD GK	03-23	-1998
				.xx	±	-	TITLE CONNECTION DIA	CONNECTION DIAGRAM		SCALE	1=1	
Ε	NOTE ADDED FOR 2 T'S	NAR 17-12-2020	RC	.xxx	±	-	3ø − 6 LEADS		REF			
D	RE-DRAWN WITH REGAL LOGO ECO-0110493	WGJ 09-30-2016	ЕМН	.xxxx	±	-	MAT'L.	,		FMF		
NO.	NO. REVISION E		СНК	ANG	±	-	FINISH				PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT			RFP				CAD FILE EE7341C	SIZ	E DRAWING NO		OF	REV.
IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT								A	. El	E7341C		ΕΙ



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: 449TTFCD6077

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

Catalog No: GT1075

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:

Authorized Representative in the Community:

J. cers

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Julian Clark Marketing Engineer

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