PRODUCT INFORMATION PACKET



Model No: 449TTFCD16375 Catalog No: GT1084

Globetrotter® General Purpose Motor, 400 & 350 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 & 1500 RPM,

449T Frame, TEFC





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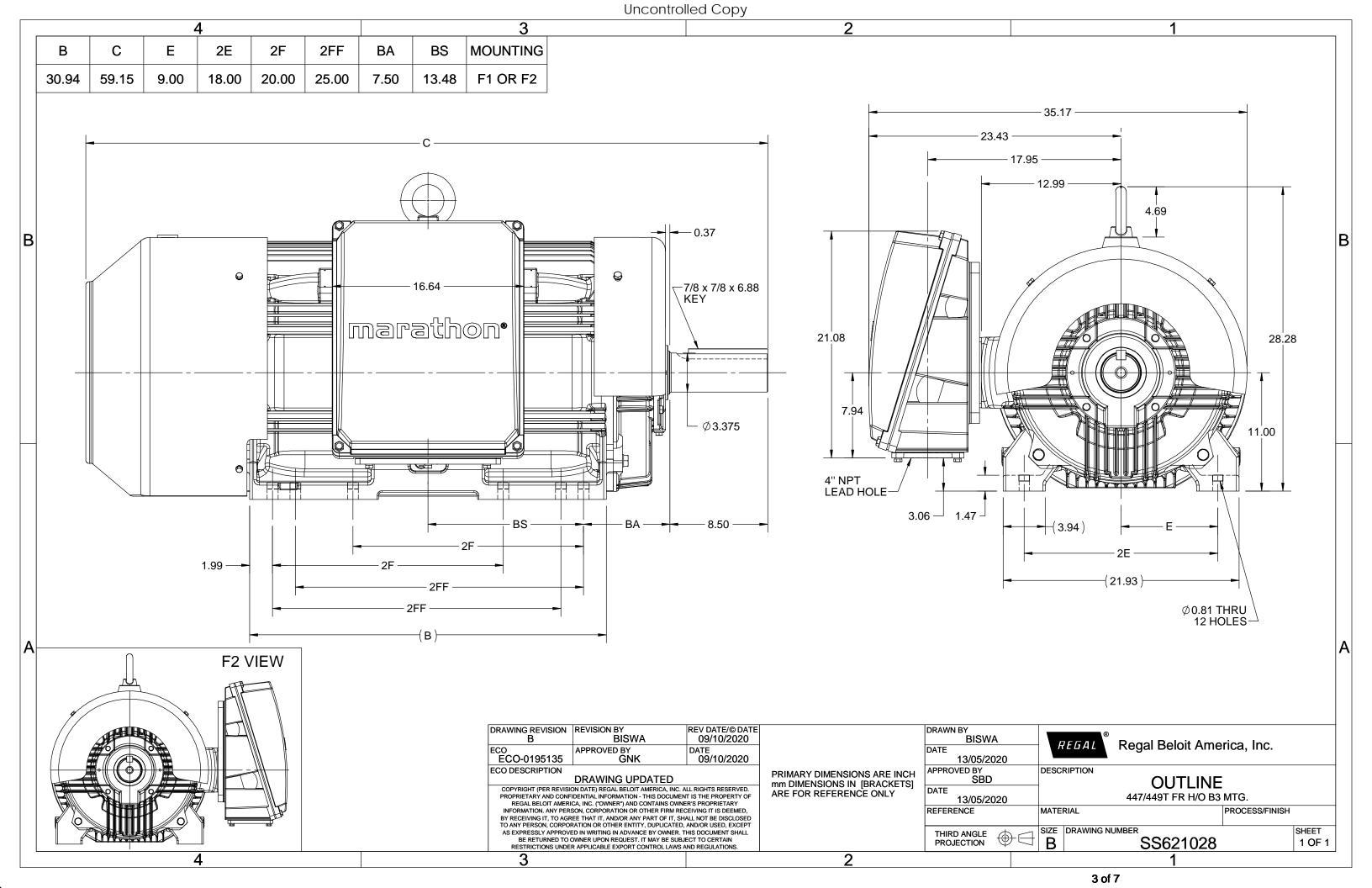
Nameplate Specifications

Phase	3	Output HP	400 & 350 Hp
Output KW	300.0 & 260.0 kW	Voltage	460 & 380 V
Speed	1788 & 1488 rpm	Service Factor	1.15 & 1.15
Frame	449T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	96.5 & 95.8 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	440 & 465 A	Power Factor	88
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 Induction Run	Starting Method	Part Wdg Start
Poles	4	Rotation	Reversible
Resistance Main	.009 Ohms	Mounting	Rigid Base
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	VARIABLE 10:1
Outline Drawing	SS621028	Connection Drawing	EE7341C

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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

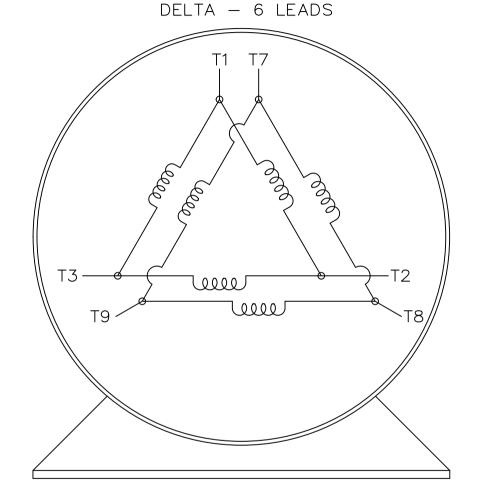
IF MOTOR HAS 2 T'S

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

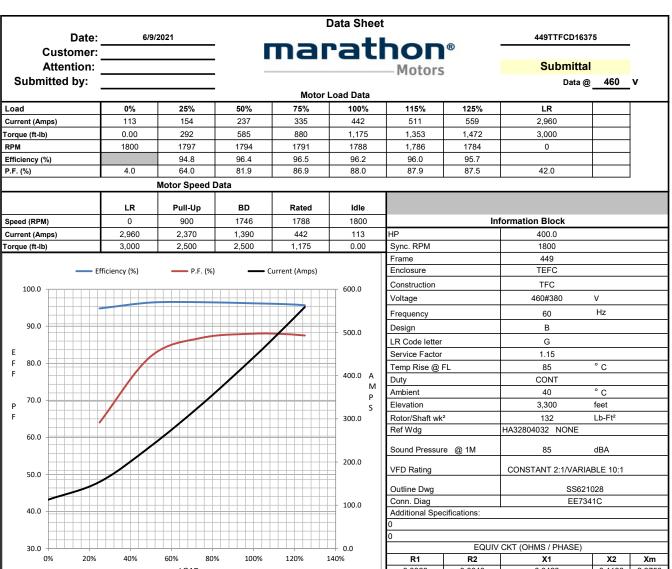


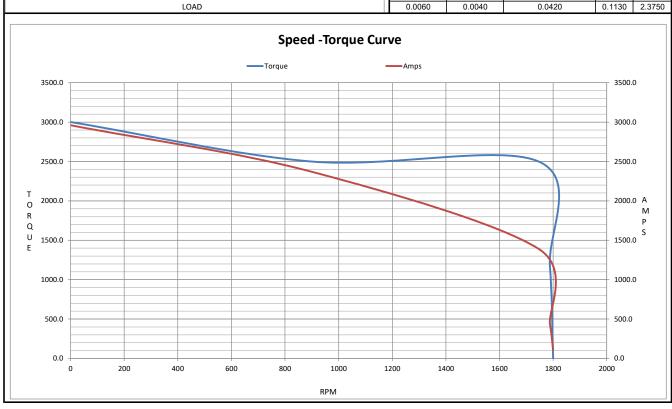
THREE PHASE - PART WINDING START

VIEW OF TERMINAL END

				TOL UNLES	ERAN S SP	ICES ECIFIED				DRAWN BLR	03-09-1998
				DEC.	IN	CHES	REGAL	REGAL - BELOIT CO	DRPORATION	CHK ML	03-23-1998
				.x	±	-				APPD GK	03-23-1998
				.xx	±	-	TITLE C	ONNECTION DIAGRA	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.	REVISION	BY & DATE	снк	ANG	±	-	FINISH	H			
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT							CAD FILE EE7341C		SIZE DRAWING N	o. page E7341C	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					DIST						E

7272							P.O. BOX 8003						
marathon*							WAUSAU, WI 54401-8003 PH. 715-675-3311						
						Motors		DAT	A VOLTS:	460			
					CE	RTIFICATION DATA S	HEET						
сиѕтом	ER:						CUSTO	MER P.O. #:					
ORDER #		FETOLIO		F				REFERENCE MODEL #:					
CONN. D	:	EE7341C SS621028				CAT #: CUSTOMER PART #:							
WINDING: HA32804032 NONE 1 MOUNTING: F1/F2 CI SPEED:										PABLE			
	TYPICAL MOTOR PERFORMANCE DATA												
НР	кw	SYNC RPM	FL	RPM		FRAME	ENCLOSURE		TYPE	KVA CODE		DESIGN	
400	298	1800	1	788		447/449T		EFC	TFC	G		В	
		VOLTS		MPS		START TYPE		UTY	INSL		AMB	ELEV.	
PH 3	HZ 60/50	460#380		WPS 2&475		PWS OR INVERTER		ONT	F	S.F. 1.15	40	3300	
	F.L. EFF	96.2	3/4 LD EFF	96.5		1/2 LD EFF	96.4	GTD EFF		ELECT. TYP			
	F.L. PF		3/4 LD PF	86.9	1/2 LD EFF 1/2 LD PF		81.9	95.8		SQ CAGE IN			
E.I	L. TORQUE	LR AMPS @	460 V		L.R.	TORQUE		B.D. TORQUI	E F.L. RISE (° C)		1		
	LB-FT	2,960	100 7	3,000 L	LB-FT	255%		LB-FT	213%	85			
SOUND	PRESSURE @ 3								I		T		
	FT.	SOUND POWER		OR WK²		MAX. LOAD WK ²	SAFE STALL TIME		STARTS/HOUR		APROX.	MOTOR WGT	
85	dBA	94 dBA	132	LB-FT ²	3000	LB-FT ²	20	SEC.		2	3258	LB.	
-		1	MOUNT		*** SL	PPLEMENTAL INFORMA		ARDOUS	DRIP				
	RACKET TYPE	ODE BRACKET TYPE	TYPE	MOTOR ORIEN			LOCATION		COVER SCREENS		PAINT		
S	TANDARD	STANDARD	RIGID	HORIZON	ITAL	NO	DIVIS	ON 2 T2B	YES NONE		BLUE (ENAMEL)		
DE E	BEARINGS	GREASE	SHAF	T TYPE	SPECIAL DE		SPEC	SPECIAL ODE SH		AFT MATERIAL	FRAME MATERIAL		
BALL BALL 6319 6317		POLYREX EM		Т	NONE			ONE	1045 HOT ROLLED (C-204)		CAST IRON		
0010	0017										-		
THE	ERMOSTATS	PROTECTORS	WDG	RTD's	BRG RTD's		THERMISTORS		CONTROL		SPAC	E HEATERS	
	NONE	NOT	N	ONE	NONE		NONE		FALSE		NA NA		
R1 (ohms/ph)		R2 (ohms/ph)		hms/ph)	X2 (ohms/ph)					VIBRATION (in/sec)		FLOAT	
	0.006	0.004	0.	042		0.113	2	2.375		0.150		NONE	
, N								INVEDTED	TOPOUE:	CONSTANT 2:1/VARIABLE	10:1		
0	0						INV. HP SPEED RANGE: NONE						
T E							ENCODER: NONE						
S						NONE							
<u> </u>								NONE NONE PPR BRAKE: NONE					
	PREPARED BY:						NONE NONE						
	DATE: 6/9/2021							FT-LB: NA VOLTAGE: NONE HZ:					
FORM: 3	PRM: 3531 REV_4 2/27/06							UL: NO LETTER - ME,WUXI TEFC BLUEWHALE CLASS 1 DIV. 2 UL LISTED					







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: 449TTFCD16375

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

Catalog No: GT1084

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 09/01/2022

Authorized Representative in the Community:

J. cerse

Julian Clark Marketing Engineer

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