PRODUCT INFORMATION PACKET

Model No: 449TTFCD6528 Catalog No: E771A XRI®-SD Severe Duty Motor, 250 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 449T Frame, TEFC



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marathon®

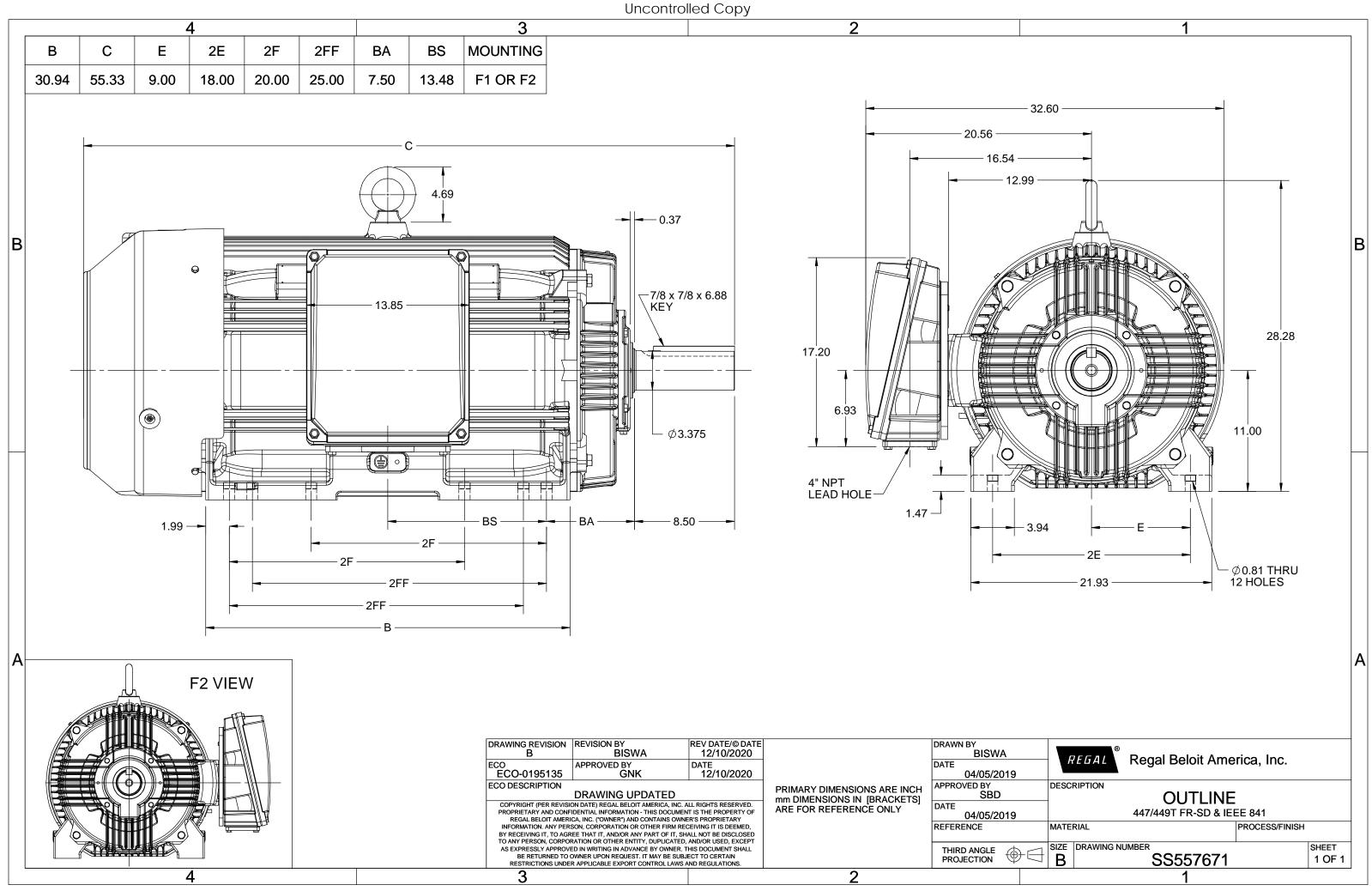
Nameplate Specifications

Output HP	250 Hp	Output KW	187.0 kW
Frequency	60 Hz	Voltage	460 V
Current	272.0 A	Speed	1790 rpm
Service Factor	1.15	Phase	3
Efficiency	96.2 %	Power Factor	89.7
Duty	Continuous	Insulation Class	Н
Design Code	В	KVA Code	G
Frame	449T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6317
UL	Listed	CSA	Y
CE	Y	IP Code	55
Hazardous Location	DIVISION 2 T2B	Number of Speeds	1

Technical Specifications

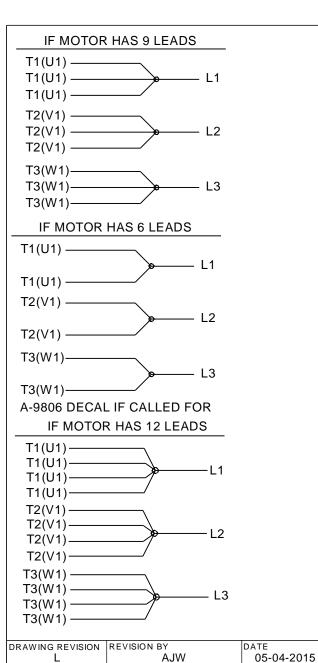
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.0142 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	т	Shaft Diameter	3.375 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1/VARIABLE 10:1
Connection Drawing	EE7300U	Outline Drawing	SS557671

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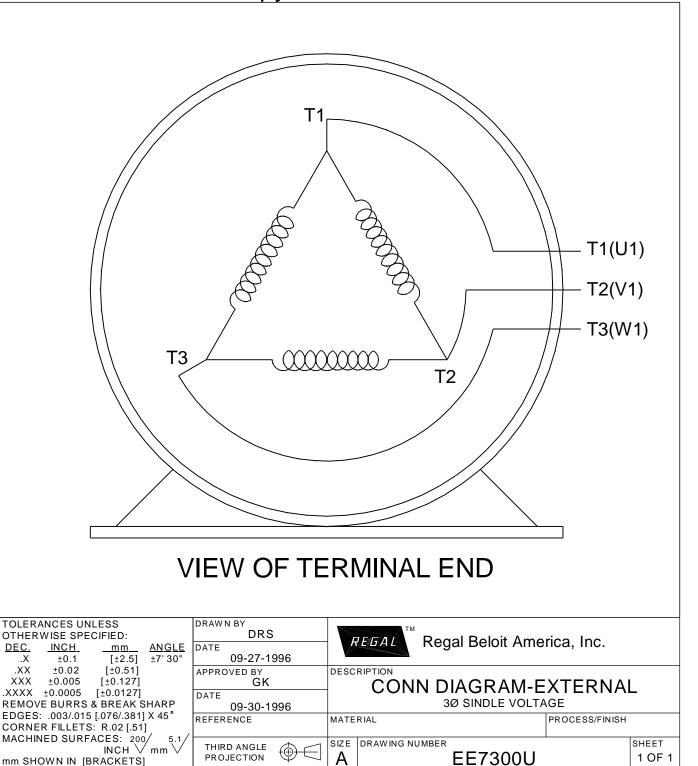
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ECO

ECO-0077067

ECO DESCRIPTION

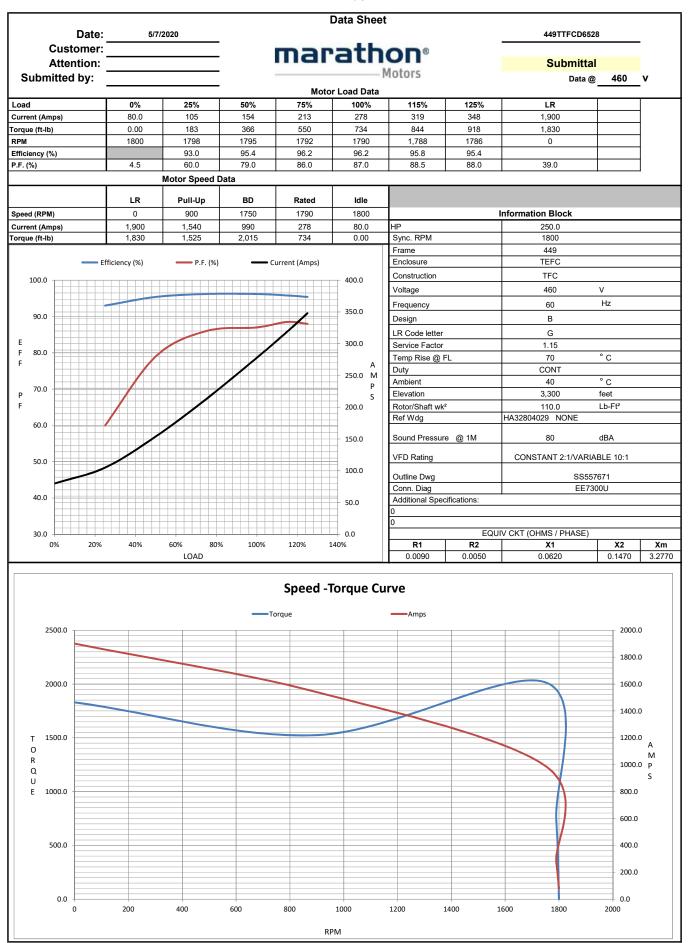


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				1	ma	ага	Motors				DATA VOLTS:	460	
						CER	TIFICATION DATA S	HEET					
CONN. DI		EE7300U					F	REFERENC	CE MODEL #: CAT #:	449TTFCD652	18 771A		
OUTLINE: WINDING:		SS557671	32804029	NONE	1					F1/F2 CAPABL			
					TY	PICAL	MOTOR PERFORMA	NCE D	ATA	1 1			
HP	ĸw	SYNC	RPM	FL R	PM	FRAME		ENCLOSURE		ТҮРЕ	KVA CODE		DESIG
250	187	18	00	179	1790		447/449T	TEFC		TFC	G		В
PH	HZ	VOL		AMF			START TYPE		DUTY	INSL	S.F.	AMB (° C)	
3	60	46	50	278	3		LINE OR INVERTER		CONT	Н	1.15	40	3300
	F.L. EFF	96.2		3/4 LD EFF	96.2		1/2 LD EFF	95.4	GTD EFF		ELECT. T	YPE	
	F.L. PF	87.0		3/4 LD PF	86.0		1/2 LD PF	79.0	0.0		SQ CAGE INV	RATED	
F.L. T	ORQUE		LR AMPS			L.R. TORQUE		B.D. TORQUE		UE	E F.L. RISE		
734	LB-FT		1,900		1,830	LB-FT	249%	2,015	LB-FT	275%	70	Ĺ	
SOUND F	RESSURE	SOL	IND	ROTOR	WK ²		MAX. LOAD WK ²	SAFE S	TALL TIME	START	S/HOUR	APF	ROX.
80	dBA	89	dBA	0.00	LB-FT ²	2100	LB-FT ²	25	SEC.		2	2638	LB.
						*** SUI	PLEMENTAL INFORMA		•				
DE BRACKET TYPE			BRACKET MOUNT		MOTOR ORIENTATION SEVERE DUTY		HAZARDOUS LOCATION		DRIP COVER SCREENS		PAINT		
STAN	NDARD	STAN	DARD	RIGID	HORE	ZONTAL	PREMIUM SEVERE DUTY	DIVIS	ION 2 T2B	NO	NONE	BLUE (EPOXY)
BEA	RINGS			0.14.57				0.005		SHAFT	MATERIAL		
DE	ODE	GRE	ASE	SHAFT	ITPE		SPECIAL DE		CIAL ODE	SHAFT MATERIAL		FRAME MATERIAL	
BALL 6319	BALL 6317	POLYR	EX EM	т			NONE	NONE		1045 HOT ROLLED (C-204)		CAST IRON	
										1		SP	ACE
THERMOSTATS		PROTE	CTORS	WDG R	TD's	BRG RTD's		THERMISTORS		CONTROL		HEATERS	
N	ONE	NC	DT	NON	IE		NONE	١	IONE	FA	LSE	N	IA
R1 (oł	hms/ph)	R2 (oh	ms/ph)	X1 (ohm	ns/ph)	1	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATIO	ON (in/sec)	FL	DAT
0.	.009	0.0	05	0.06	62		0.147	:	3.277	0.	080	0	DE
*								If Inverter	equals NONE	. contact factory	for further inforr	nation	
N											CONSTANT 2:1		10:1
0									INV. HP SF	PEED RANGE:	NONE		
T E									ENCODER:	NONE			
S									NONE				
*									NONE	NONE		NONE	PPR
PREP	ARED BY:								BRAKE:	NONE ONE	NON	E	
DATE: 5/13/2020						FT-LB:	1	NA					
		0/07/00							VOLTAGE:	NO	ONE		н
	531 REV_4 to change w		e										
Subject	to change W	IN IOUL NOLIC	e.										

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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: 449TTFCD6528

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

Catalog No : E771A

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

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Authorized Representative in the Community:

Julian Clark Marketing Engineer