PRODUCT INFORMATION PACKET

Model No: 449THFCD19092 Catalog No: W621A XRI®-841 Severe Duty Motor, 200 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 449T Frame, TEFC



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies. ©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E







Product Information Packet: Model No: 449THFCD19092, Catalog No:W621A XRI®-841 Severe Duty Motor, 200 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 449T Frame, TEFC

marathon®

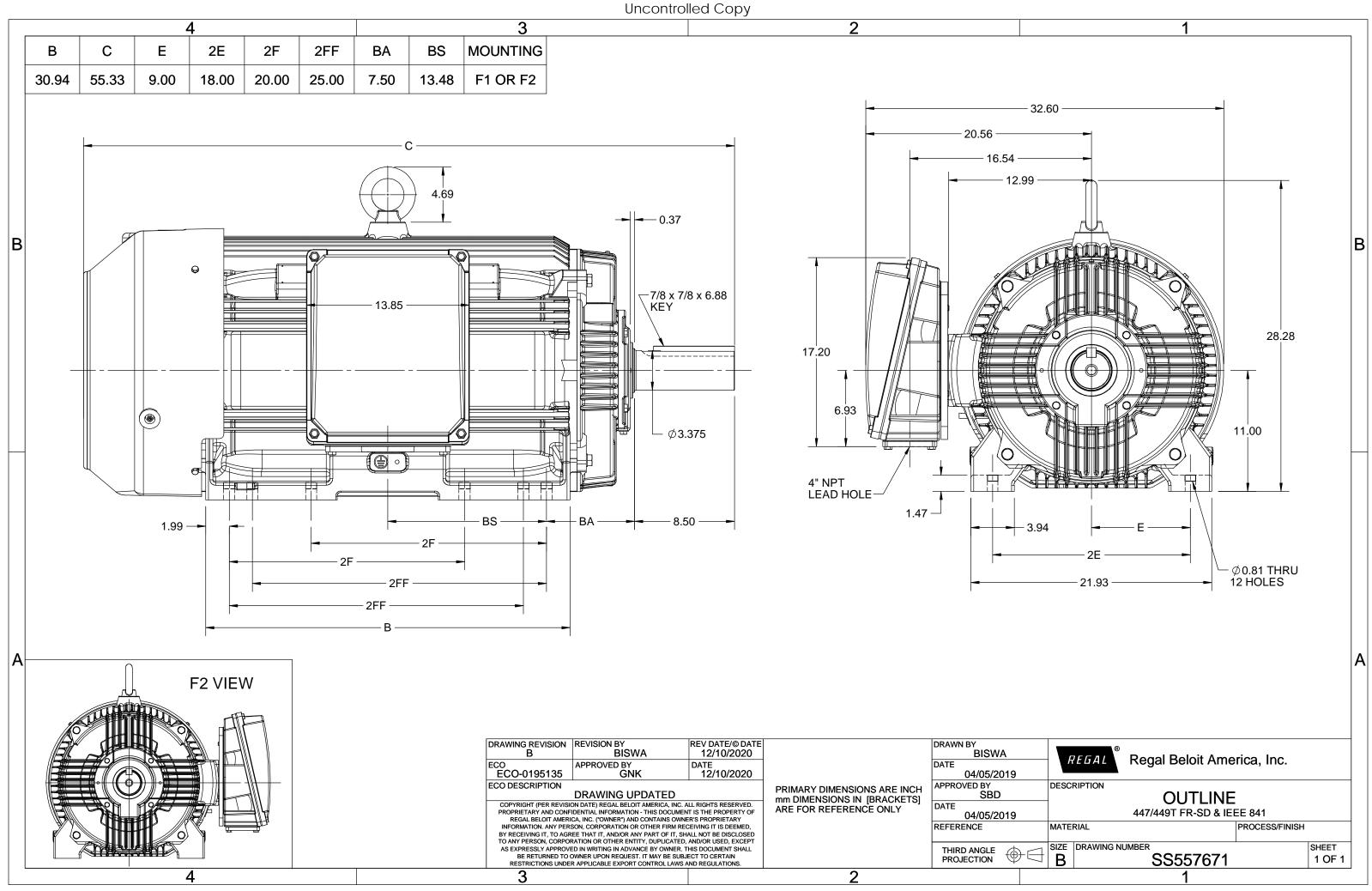
Nameplate Specifications

Output HP	200 Hp	Output KW	149.0 kW
Frequency	60 Hz	Voltage	460 V
Current	230.0 A	Speed	1190 rpm
Service Factor	1.15	Phase	3
Efficiency	95.8 %	Power Factor	85
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	56
Hazardous Location	DIVISION 2 T2B	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.0186 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
Outline Drawing	SS557671	Connection Drawing	EE7300

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:11/29/2022



3 of 7

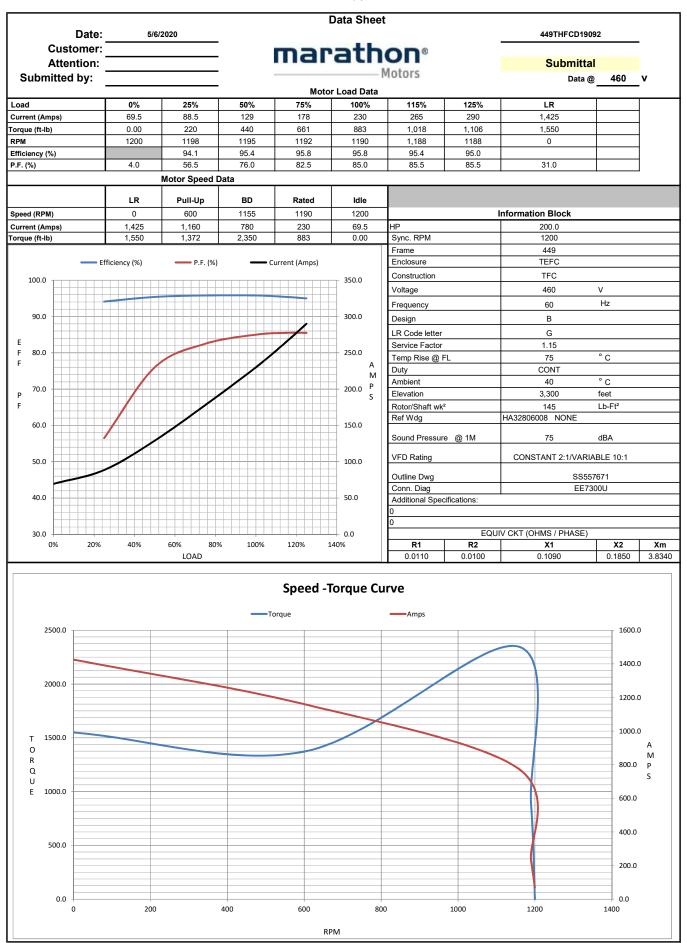
Uncontrolled Copy



Uncontrolled Copy

Motors Data volts: 460 CERTIFICATION DATA SHEET													
										CONN. DI OUTLINE: WINDING:		EE7300U SS557671 HA:	32806008
HP	ĸw	SYNC	PDM			FRAME	ENCLOSURE		TYPE	KVA CODE		DESIGN	
200	149	120	00	119	0		447/449T T		TEFC TFC		G		В
РН	HZ	VOL	TS	AMP	S		START TYPE	DUTY		INSL	S.F.	AMB (° C)	ELEV. (Ft)
3	60	46		230		L	INE OR INVERTER	CONT		Н	1.15	40	3300
			95.8 82.5	1/2 LD EFF 1/2 LD PF		95.4 76.0	GTD EFF 95.4		ELECT. T				
												•	
	ORQUE LB-FT		LR AMPS 1,425		1,550 LB-FT		176%	B.D. TORQ 2,350 LB-FT		UE 266%	F.L. RISE 75	(°C)	
	75 dBA		ND dBA	ROTOR 145	WK ² LB-FT ²	1700	MAX. LOAD WK ² LB-FT ²	25 SEC.		START	2 2568		LB.
15	UDA	84		` `		1700		20	<u>520.</u>		2	2300	LD.
		ODE BR	ACKET	MOUNT	MO	*** SUP	PLEMENTAL INFORMA		ARDOUS	1		1	
DE BRAC	DE BRACKET TYPE		PE	TYPE		TATION	ATION SEVERE DUTY		CATION	DRIP COVER	SCREENS	PAINT	
STAN	NDARD	STANE	DARD	RIGID	HORIZ	ZONTAL	PREMIUM SEVERE DUTY	DIVIS	ON 2 T2B	NO	NONE	BLUE (EPOXY)
BEA	RINGS	GRE	ASE	SHAFT	TVDE		SPECIAL DE	SDEC		SHAFT	MATERIAL		
DE	ODE	GREA	AGE	SHAFT	TYPE SPECIAL DE		SPECIAL DE	SPECIAL ODE		-		FRAME MATERIAL	
BALL 6319	BALL 6317	POLYR	POLYREX EM T			NONE NONE		1045 HOT ROLLED (C-204)		CAST IRON			
						1				1		80	
THERMOSTATS		PROTEC	CTORS	WDG R	TD's BRG		BRG RTD's	THERMISTORS		CONTROL		SPACE HEATERS	
NC	NONE		T	NON	E	NONE		NONE		FALSE		NA	
R1 (of	R1 (ohms/ph) R2		ns/ph)	X1 (ohm	s/ph)		X2 (ohms/ph)	Xm (ohms/ph)	VIBRATI	ON (in/sec)		
	011	0.0)1	0.10	9		0.185		3.834	0.	.080		
• • • • • • • • • • • • • • • • • • •							lf Inverter	INVERT	ER TORQUE: PEED RANGE:	r for further inform CONSTANT 2:1 NONE		10:1	
E S						ENCODER: NONE NONE							
*									NONE	NONE		NONE	PPR
PREP	PREPARED BY:					BRAKE: NONE NONE NONE							
	DATE:	5/13/2	2020						FT-LB: VOLTAGE:		NA ONE		HZ:
FORM: 35	531 REV_4	2/27/06							VOLTAGE:	N	UNE		HZ:
	to change w		ə.										

Uncontrolled Copy





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: 449THFCD19092

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

Catalog No : W621A

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

(€ 22

Authorized Representative in the Community:

Julian Clark Marketing Engineer