PRODUCT INFORMATION PACKET



Model No: 286THFCD9040 Catalog No: W067-P

XRI®-841 Severe Duty Motor, 30 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 286TCV Frame, TEFC



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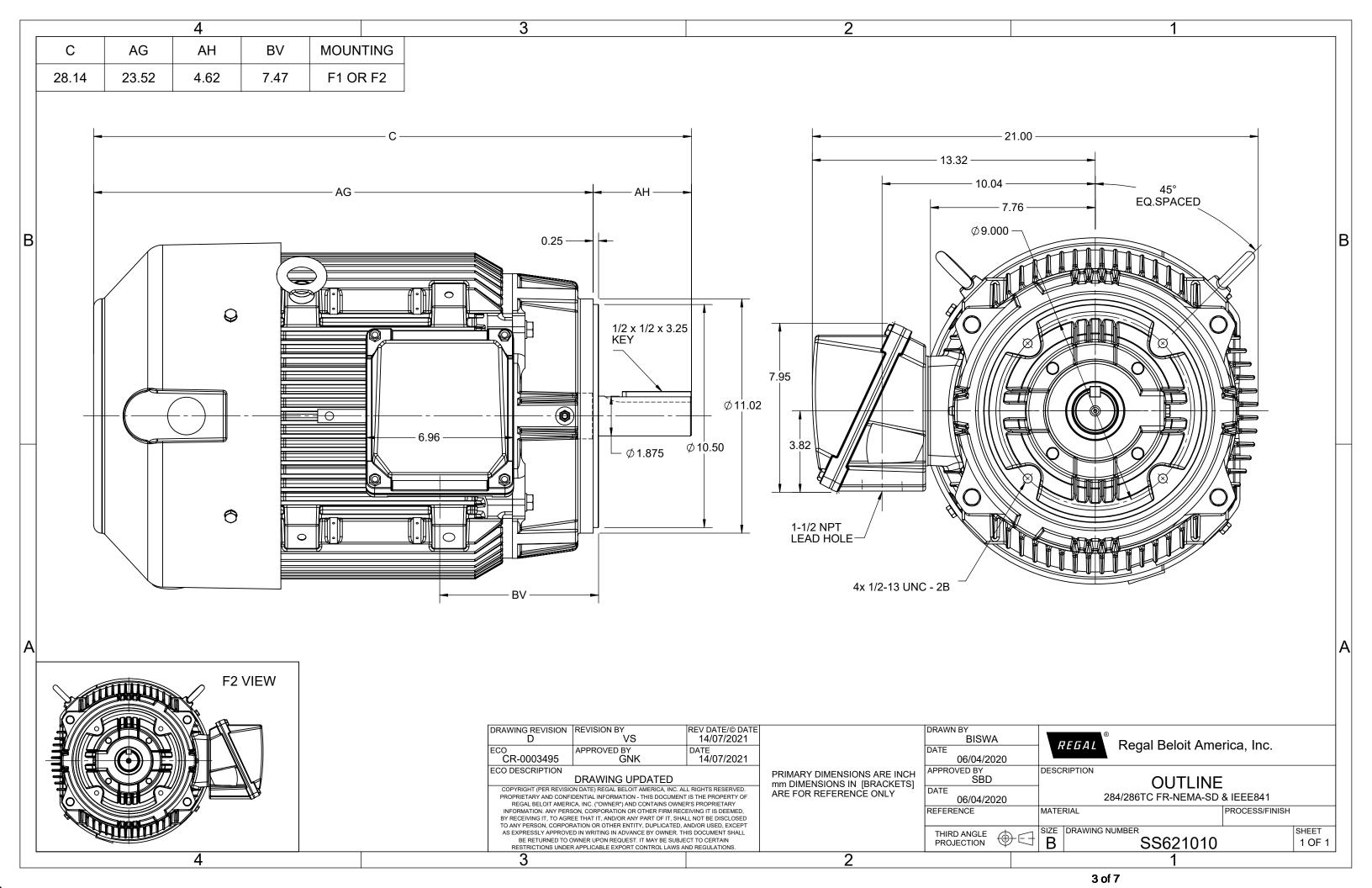
Nameplate Specifications

460 V 1770 rpm
<u> </u>
0
3
84
н
G
Totally Enclosed Fan Cooled
re 40 °C
ring Size 6211
Υ
56

Technical Specifications

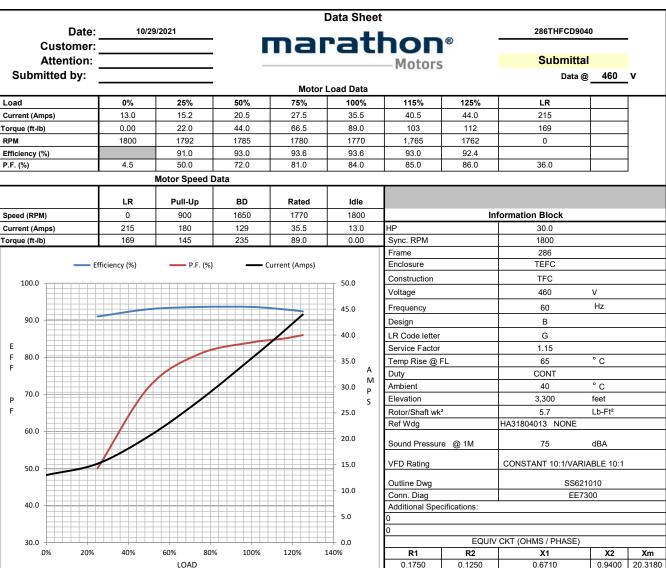
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.27 Ohms	Mounting	Round
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Shaft Diameter	1.875 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1/VARIABLE 10:1
Outline Drawing	SS621010	Connection Drawing	EE7300

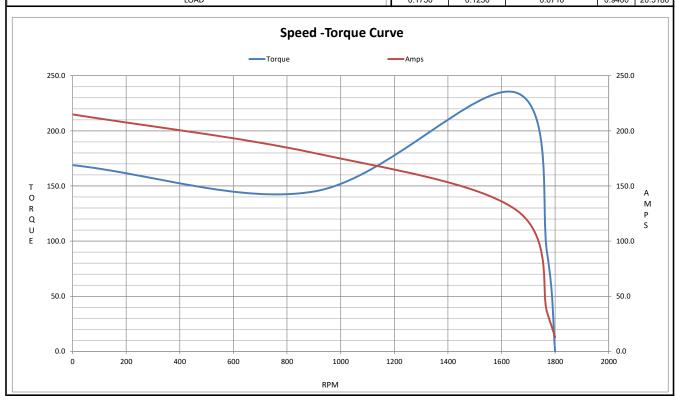
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									P.O. BOX				
marathon•									WI 54401-8003				
						PH. 715-6	75-3311						
					DAT	A VOLTS:	460						
	CERTIFICATION DATA SHEET												
CUSTON								MER P.O. #:					
ORDER #	#: IAGRAM:	EE7300				R	REFERENC	E MODEL #: CAT #:	286THFCE	09040 W067-P			
OUTLINE		SS621010					CHETON	ER PART #:		WU67-P			
WINDING		HA31804013	NONE	6				MOUNTING:	E1/E2 CAE	DARI E			
SPEED: MOOTHING. 1 1/1 2 GRI AGEE													
	TYPICAL MOTOR PERFORMANCE DATA												
HP	ĸw	SYNC RPM	FL	RPM		FRAME	ENC	OSURE	TYPE	KVA CODE	E DESIGN		
30	22.4	1800	1	770		286TCV	Т	EFC	TFC	G		В	
PH	HZ	VOLTS	А	MPS		START TYPE		UTY	INSL	S.F.	AMB	ELEV.	
3	60	460		35.5		INE OR INVERTER	С	ONT	Н	1.15	40	3300	
		I I											
-	F.L. EFF F.L. PF		3/4 LD EFF 3/4 LD PF	93.6 81.0		1/2 LD EFF 1/2 LD PF	93.0 72.0	93.0		ELECT. SQ CAGE IN			
	F.L. PF	04.0	3/4 LD PF	61.0		1/2 LD PF	72.0	93.0		SQ CAGE II	IV KAIED		
-	L. TORQUE	LR AMPS @	460 V		I P	TORQUE		B.D. TORQU	F	F.L. RISE (° C)			
89.0	LB-FT	215	400 V	169	LB-FT	190%		LB-FT	264%	65			
00.0		2.0		100		10070	200		20170				
SOUND	PRESSURE @ 3												
	FT.	SOUND POWER		OR WK²	MAX. LOAD WK²		SAFE STALL TIME		STARTS/HOUR		APROX.	MOTOR WGT	
75 dBA 84 dBA 5.7 LB-FT ² 225 LB-FT ² 20 SEC. 2 60									600	LB.			
					*** SU	PPLEMENTAL INFORMA							
DE BI	RACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIE	ENTATION SEVERE DUTY			RDOUS ATION	DRIP COVER SCREENS		PAINT		
	C-FACE	STANDARD	ROUND	SHAFT D	OWN	PREMIUM SEVERE DUTY	N	ONE	YES	NONE	BLUE	- RAL 5003 (EPOXY)	
	BEARINGS	GREASE	SHAF	T TYPE		SPECIAL DE	SPEC	IAL ODE	SHA	SHAFT MATERIAL		FRAME MATERIAL	
DE BALL	ODE BALL								+				
6311	6211	POLYREX EM		Т		NONE	N	ONE	1045 HOT ROLLED (C-204)		CAST IRON		
		1	1	1							T		
ТН	ERMOSTATS	PROTECTORS	WDG	RTD's		BRG RTD's	THER	MISTORS		CONTROL	SPA	CE HEATERS	
	NONE	NOT	N	IONE NONE		N	ONE		FALSE		NA		
R'	1 (ohms/ph)	R2 (ohms/ph)		hms/ph)		X2 (ohms/ph)		hms/ph)	١ ٧	/IBRATION (in/sec)		FLOAT	
	0.175	0.125	0	.671		0.94	2	0.318		0.080		ODE	
— .													
N								INVEDTED	TOPOUE:	CONSTANT 10:1/VARIABLE	= 10:1		
Ö						I.	IV. HP SPEE						
Ť					"								
E								ENCODER:	NONE				
s								NONE					
•								NONE			NONE	PPR	
1								BRAKE:		·			
l	PREPARED BY:						NO	NE	NONE				
l	DATE: 10/29/2021							FT-LB:		NA			
FORM 3							107	VOLTAGE: V - LI,ME-INS	CONSTI	NONE		HZ:	
FORM: 3531 REV_4 2/27/06							UL:	v - LI,ME-IN	S,CUNST U	LREG			







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: 286THFCD9040

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

Catalog No: W067-P

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. cerse

Michael A. Logsdon Vice President, Technology

Julian Clark Marketing Engineer

Created on 09/01/2022

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