PRODUCT INFORMATION PACKET

Model No: 286THFCD19066 Catalog No: W567A-P XRI®-841 Severe Duty Motor, 30 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 286T Frame, TEFC



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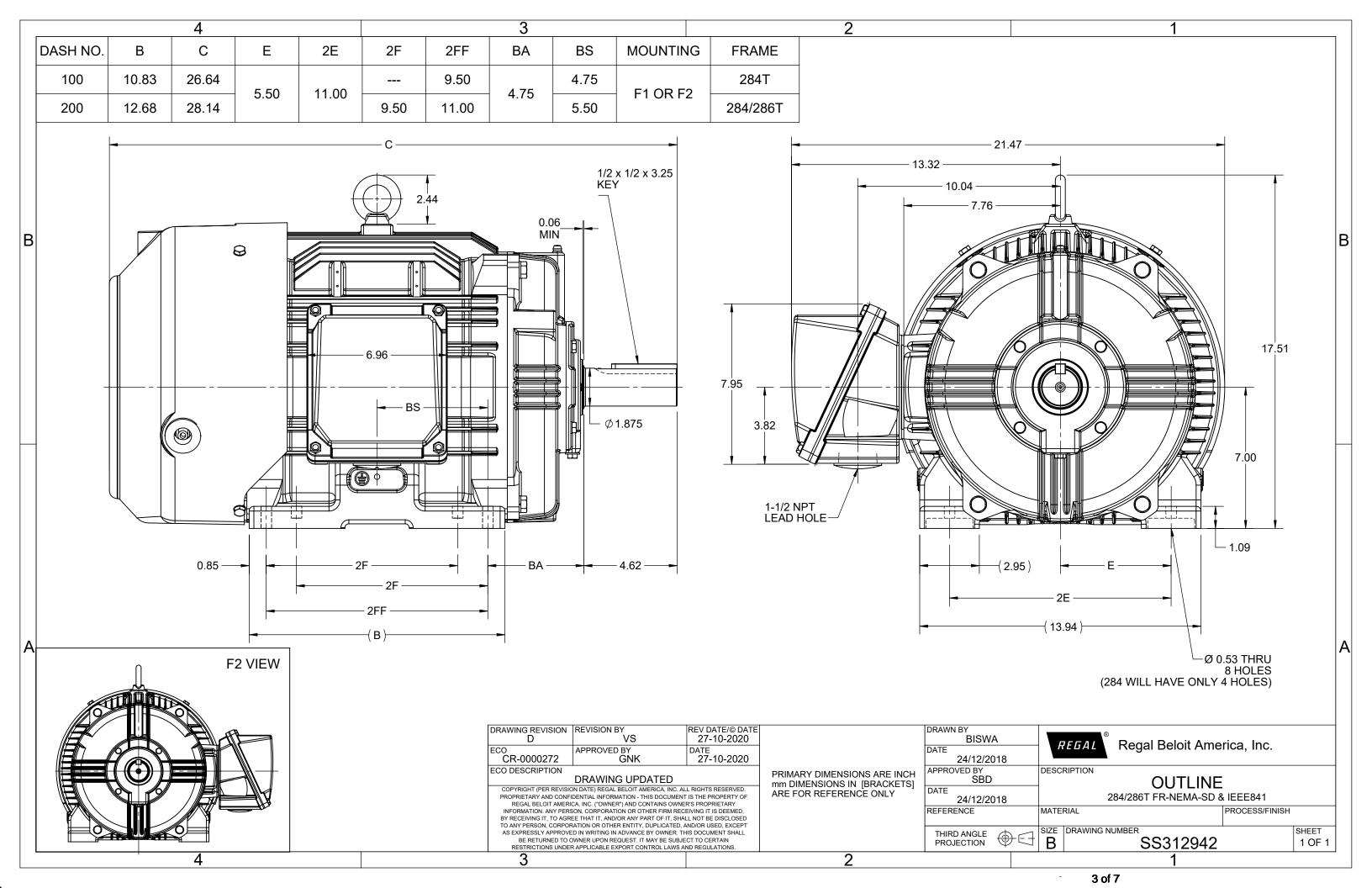
Nameplate Specifications

Phase	3	Output HP	30 Hp			
Output KW	22.4 kW	Voltage	460 V			
Speed	1770 rpm	Service Factor	1.15			
Frame	286T	Enclosure	Totally Enclosed Fan Cooled			
Thermal Protection	No Protection	Efficiency	93.6 %			
Ambient Temperature	40 °C	Frequency	60 Hz			
Current	35.5 A	Power Factor	84			
Duty	Continuous	Insulation Class	н			
Design Code	В	KVA Code	G			
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6211			
UL	Recognized	CSA	Y			
CE	Υ	IP Code	56			
Number of Speeds	1					

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter			
Poles	4	Rotation	Reversible			
Resistance Main	.27 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	1.875 in			
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1/VARIABLE 10:1			
Connection Drawing	EE7300	Outline Drawing	SS312942-200			

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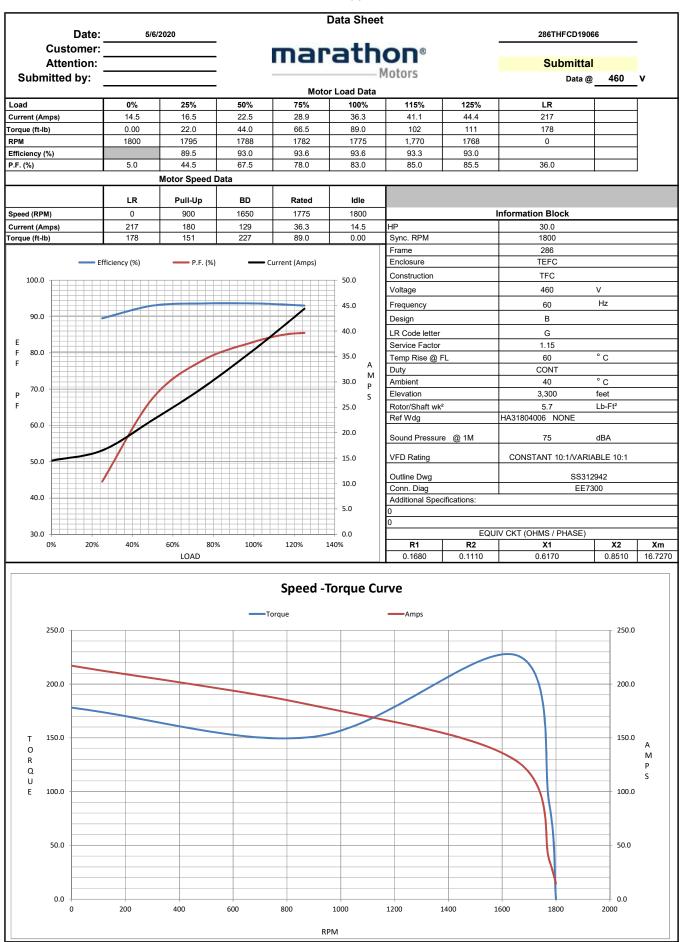
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					ma	ага	thon® Motors				DATA VOLTS:	460		
						CER	TIFICATION DATA S	HEET						
CONN. DIA DUTLINE: WINDING:		EE7300 SS312942 H4	A31804006	NONE	8				CAT #:	286THFCD190 W56 F1/F2 CAPABL	67A-P		-	
						PICAL	MOTOR PERFORMA							
HP 30	KW 22.4	SYNC RPM FL RPM 1800 1775			286T		TEFC		TYPE TFC	G KVA CODE		B		
I						1								
PH	HZ		LTS	AMP			START TYPE		UTY	INSL	S.F.	AMB (° C)		
3	60	4	60	36.5	5		LINE OR INVERTER	C	ONT	Н	1.15	40	3300	
F.L.	F.L. EFF	93.6		3/4 LD EFF	93.6		1/2 LD EFF	93.0	GTD EFF		ELECT. T	/PE		
	F.L. PF	83.0		3/4 LD PF	78.0		1/2 LD PF	67.5	93.0		SQ CAGE INV	RATED		
F.L. TC 89.0	DRQUE		217		178	L.R. TORQUE LB-FT 200%		B.D. TORQUE		UE 255%	F.L. RISE 60	(°C)		
03.0	20-11		217		170	20-11	20070	221	20-11	20070	00			
	RESSURE		JND	ROTOR			MAX. LOAD WK ²		TALL TIME	1	S/HOUR		ROX.	
75	dBA	84	dBA	5.7	LB-FT ²	225	LB-FT ²	20	SEC.		2	531	LB.	
						*** SUF	PLEMENTAL INFORMA							
		ODE BF		MOUNT		TOR		HAZ	ARDOUS					
DE BRACKET TYPE STANDARD			DARD	TYPE RIGID		TATION ZONTAL	SEVERE DUTY PREMIUM SEVERE DUTY		IONE	DRIP COVER	SCREENS NONE	BLUE (EPOXY)		
STAN	IDARD	STAN	DAND	RIGID	HURIZ		FREIMIOW SEVERE DUTT			NO	NONE	BLUE	EFOAT)	
BEAR DE	RINGS ODE	GREASE		SHAFT	TYPE	YPE SPECIAL DE		SPECIAL ODE		SHAFT MATERIAL		FRAME MATERIAL		
BALL 6311	BALL 6211	POLYF	REX EM	т		NONE		NONE 1045		1045 HOT R0	1045 HOT ROLLED (C-204)		CAST IRON	
THERMOSTATS PROTECTORS		WDG R	TD's	BRG RTD's		THERMISTORS		CON	CONTROL		SPACE HEATERS			
NONE			DT	NON		NONE		NONE		FALSE		NA		
R1 (oh	168		ms/ph)	X1 (ohm 0.61		0.851		Xm (ohms/ph) 16.727		VIBRATION (in/sec) 0.080				
0.1	100	0.		1 0.01		1	0.001		0.121	1 0.	000	1		
* N O T								lf Inverter	INVERT		for further inform CONSTANT 10: NONE		E 10:1	
E							NONE NONE	NONE PP			PPR			
PREP	ARED BY:								BRAKE:	NONE ONE	NON	E		
	DATE:	5/13	/2020						FT-LB: VOLTAGE:	1	NA DNE	_	HZ	

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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: 286THFCD19066

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

Catalog No : W567A-P

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