PRODUCT INFORMATION PACKET



Model No: 286THFCD19033 Catalog No: W568A

XRI®-841 Severe Duty Motor, 30 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 286T Frame, TEFC



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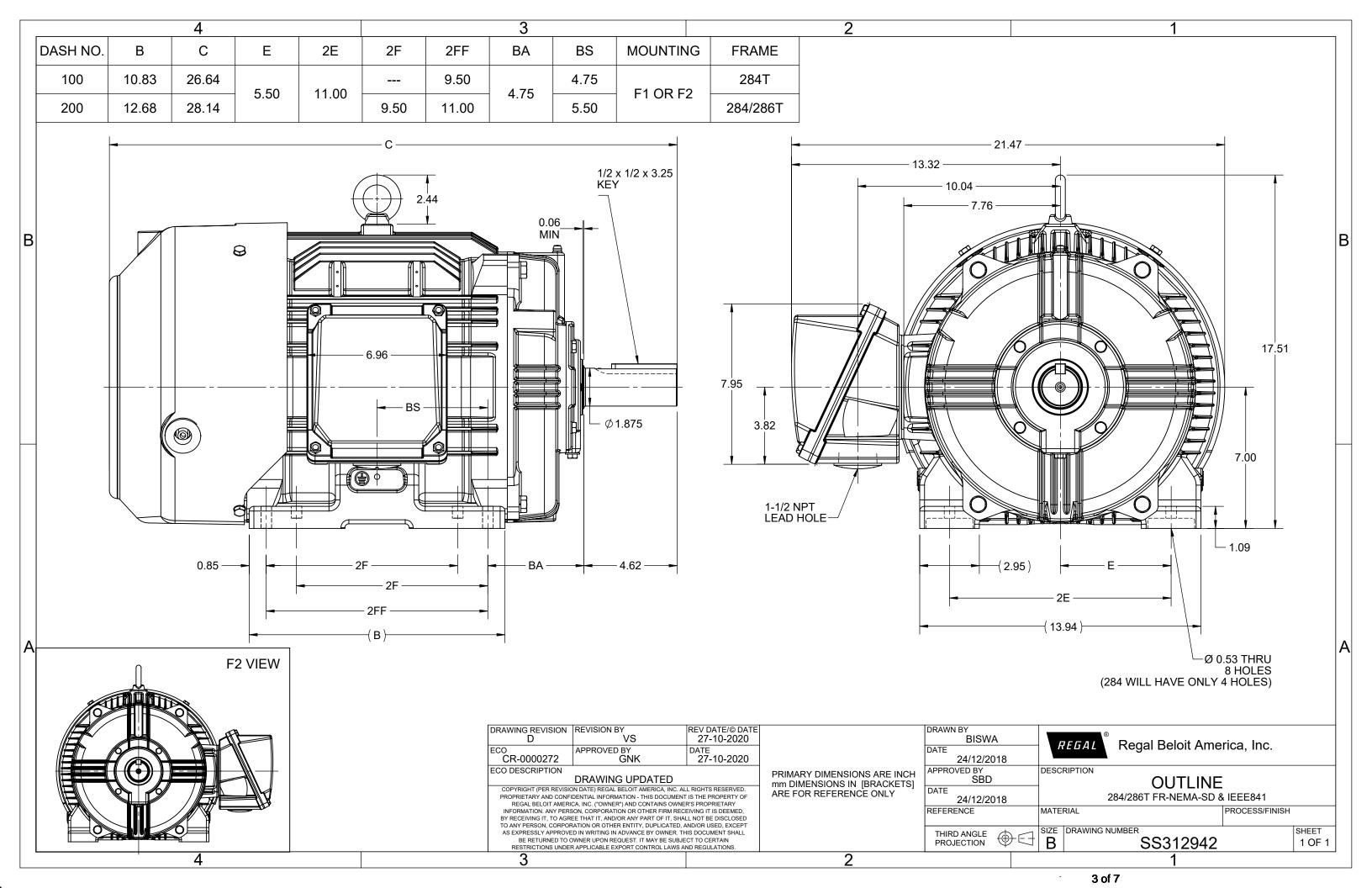
Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW		
Frequency	60 Hz	Voltage	575 V		
Current	28.4 A	Speed	1770 rpm		
Service Factor	1.15	Phase	3		
Efficiency	93.6 %	Power Factor	84		
Duty	Continuous	Insulation Class	н		
Design Code	В	KVA Code	G		
Frame	286T	Enclosure	Totally Enclosed Fan Cooled		
Thermal Protection	No Protection	Ambient Temperature	40 °C		
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6211		
UL	Listed	CSA	Υ		
CE	Υ	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	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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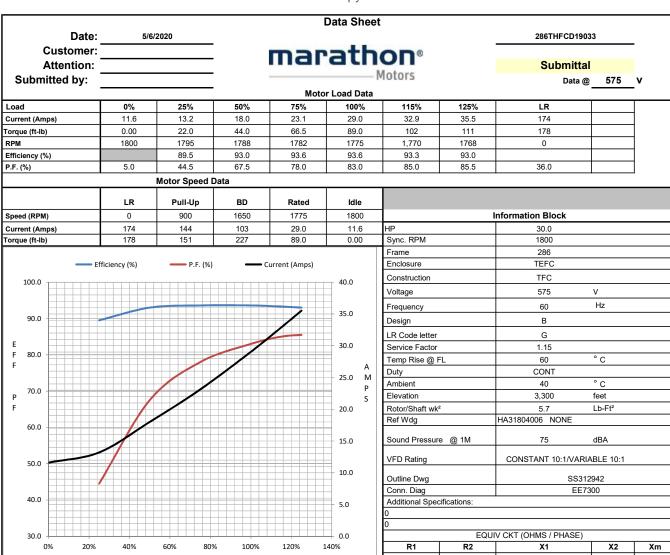


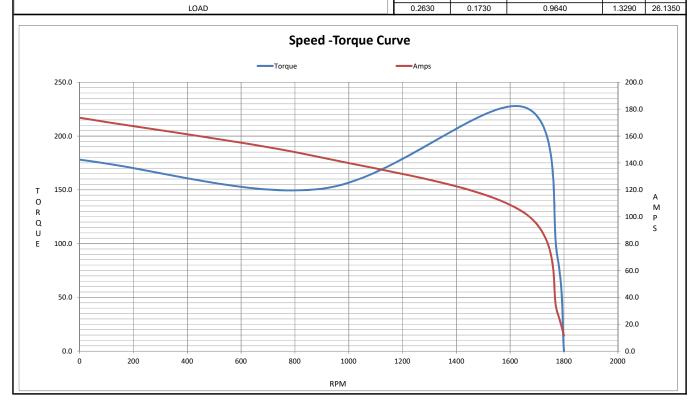


DATA VOLTS: 575

CERTIFICATION DATA SHEET

CONN. DI OUTLINE: WINDING:	:	EE7300 SS312942 HA3180400	06 NONE	4		R		CAT #:	286THFCD190 W: F1/F2 CAPABI	568A			
				TY	PICAL I	MOTOR PERFORMA	NCE D	ATA					
HP	ĸw	SYNC RPM	FL RPM		FRAME		ENCLOSURE		TYPE KVA CO		ODE DESIG		
30	22.4	1800	1775		286T		TEFC		TFC	TFC G		В	
PH	HZ	VOLTS	AMF	AMPS		START TYPE		DUTY		INSL S.F.		ELEV. (Ft)	
3	60	575	29.1		LINE OR INVERTER CONT			Н	1.15	40	3300		
	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. T	ORQUE	LR AMP	S		L.R	R. TORQUE	B.D. TORQUE		UE	F.L. RISE (° C)			
89.0	LB-FT	174		178	LB-FT	200%	227	LB-FT	255%	60			
SOUND F	PRESSURE	SOUND	ROTOR	WK²		MAX. LOAD WK ²	SAFE S	TALL TIME	START	S/HOUR	API	ROX.	
75	dBA	84 dBA	5.7	LB-FT ²	225	LB-FT ²	20	SEC.		2	531	LB.	
					*** SUP	PLEMENTAL INFORMA	TION ***						
DE BRAC	KET TYPE	ODE BRACKET TYPE	MOUNT TYPE		OTOR NTATION SEVERE DUTY		HAZARDOUS LOCATION		DRIP COVER	R SCREENS P		INT	
	NDARD	STANDARD			ON 2 T2B	NO NONE		BLUE (EPOXY)					
RFA	RINGS				1						l		
DE	ODE	GREASE	SHAFT TYPE		SPECIAL DE		SPECIAL ODE		SHAFT MATERIAL		FRAME MATERIAL		
6311	6211	POLYREX EM	Т	Т		NONE		NONE		1045 HOT ROLLED (C-204)		CAST IRON	
THERM	THERMOSTATS PROTECTORS		WDG R	RTD's BRG RTD's		THERMISTORS CO		SPAC NTROL HEATE					
N	ONE	NOT	NON	IE	NONE		NONE F		F.A	ALSE NA		ΙA	
	R1 (ohms/ph) R2 (ohms/ph)		X1 (ohm			•	<u> </u>		ON (in/sec)				
* N O T	09375	0.2703125	1.506	020		2.0765625		equals NONE	, contact factory	ofor further inform CONSTANT 10: NONE		E 10:1	
E S								ENCODER: NONE NONE	NONE		NONE	DDD	
PREF	PARED BY: DATE:	5/13/2020						BRAKE:	ONE	NON NA ONE		PPR HZ:	
	531 REV_4 to change w												







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: 286THFCD19033

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

Catalog No: W568A

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:

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Authorized Representative in the Community:

J. cerse

Julian Clark Marketing Engineer