PRODUCT INFORMATION PACKET



Model No: 286THFCD9026 Catalog No: W567A

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



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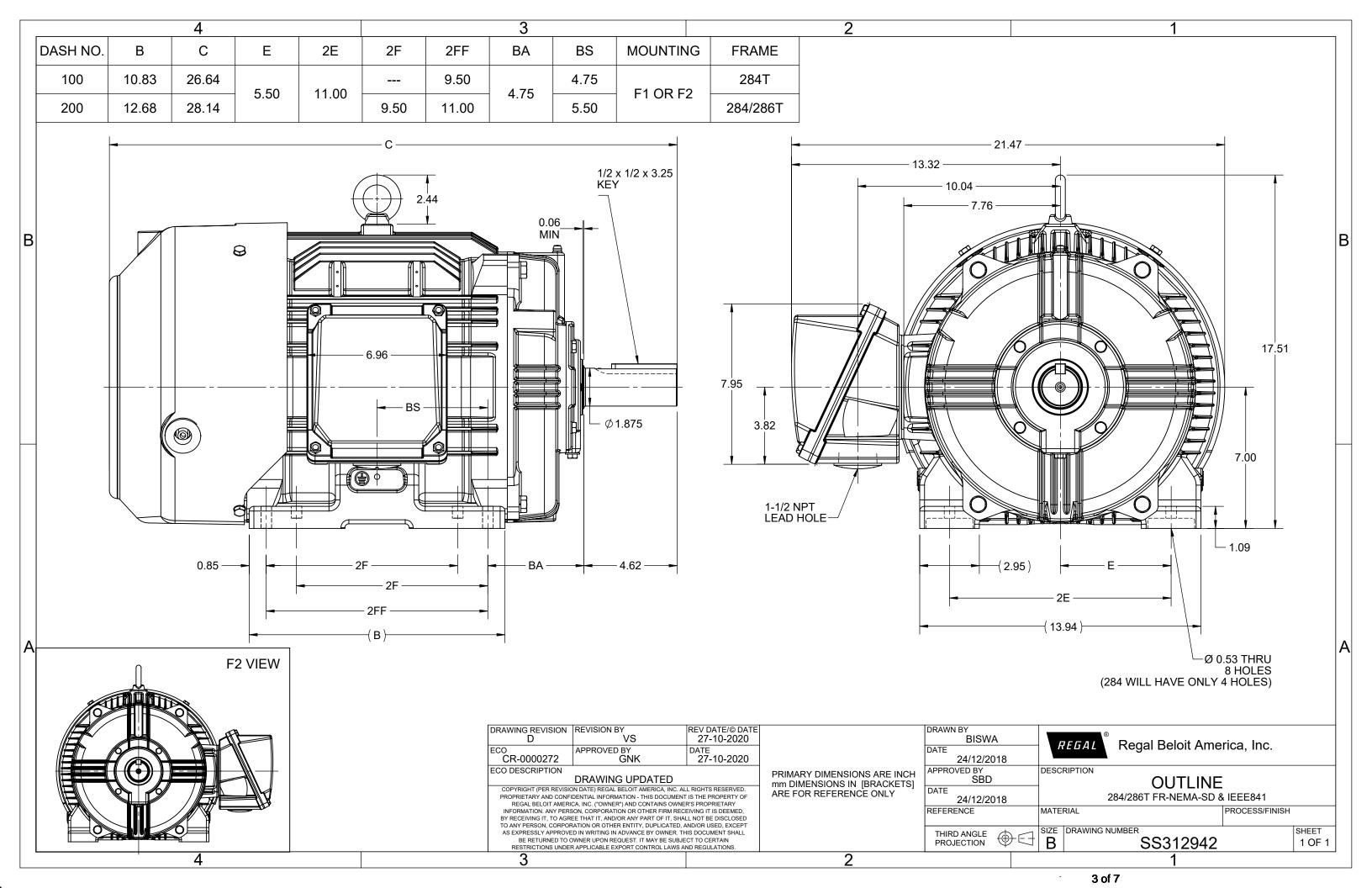
Nameplate Specifications

Phase	3	Output HP	30 Hp			
Output KW 22.4 kW		Voltage	460 V			
Speed	1770 rpm	Service Factor	1.15 Totally Enclosed Fan Cooled 93.6 % 60 Hz 84 H			
Frame	286T	Enclosure				
Thermal Protection	No Protection	Efficiency				
Ambient Temperature	40 °C	Frequency				
Current	35.5 A	Power Factor				
Duty	Continuous	Insulation Class				
Design Code	В	KVA Code	G			
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6211			
UL	Listed	CSA	Υ			
CE	Υ	IP Code	56			
Number of Speeds	1	Hazardous Location	DIVISION 2 T2B			

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			
Outline Drawing SS312942-200		Connection Drawing	EE7300			

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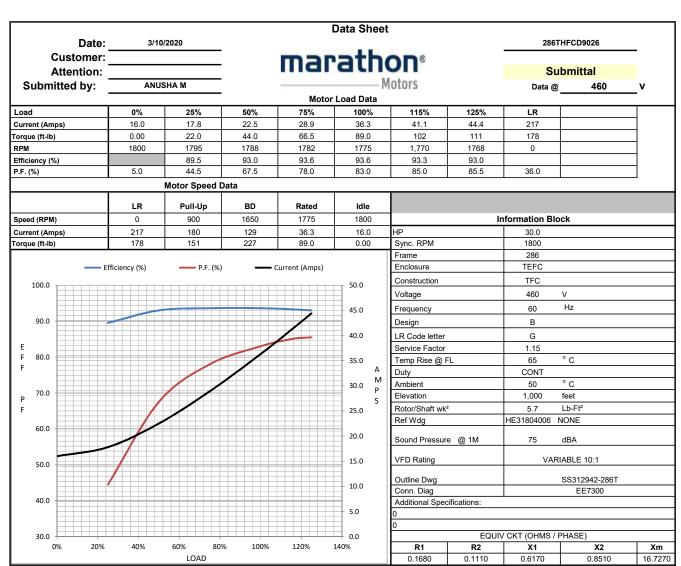


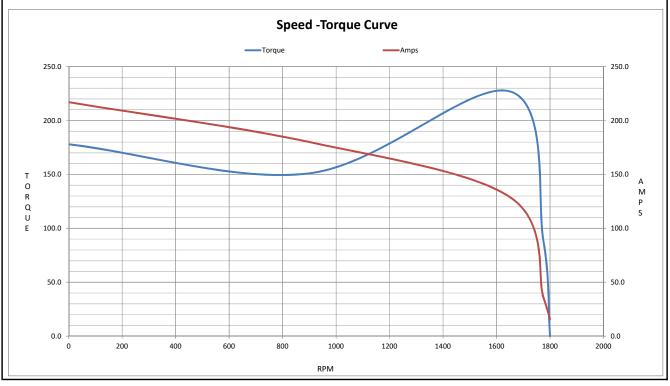


DATA VOLTS: 46

CERTIFICATION DATA SHEET

CONN. DIA OUTLINE: WINDING:		EE7300 SS312942-286T HE31804006	NONE		TVDIC A I	. MOTOR PERFORMA		MODEL #: CAT #: MOUNTING:		W567A		_
НР	ĸw	SYNC RPM	FLR	FL RPM FRAME				ENCLOSURE TYP		YPE KVA CODE		DESIGN
30	22.4	1800				286T	TEFC		TFC	G		В
		1/0/ =0										
PH 3	HZ 60	VOLTS 460		AMPS START TYPE 36.5 LINE OR INVERTER		DUTY CONT		INSL H	S.F. 1.15	AMB (° C) 40	3300	
	F.L. EFF	93.6	3/4 LD EFF	93.6		1/2 LD EFF	93.0	GTD EFF		ELECT	TVDE	•
	F.L. PF	83.0	3/4 LD PF	78.0		1/2 LD PF	67.5	93.0		SQ CAGE I		
F.L. T	ORQUE	LR AMPS	6@ 460 V		L.R. TORQUE		B.D. TORQUE		.	F.L. RISE	(° C)	
89.0	LB-FT	2	17	178	LB-FT	200%	227	LB-FT	255%	65		
	OUND PRESSURE @ SOUND ROTOR WK ²			MAX. LOAD WK ²		SAFE STALL TIME		STARTS/HOUR		APROX.	MOTOR	
75	dBA	84 dBA	5.7	LB-FT ²	225	LB-FT ²	20	SEC.		2	496	LB.
	KET TYPE	ODE BRACKE TYPE STANDARD	T MOUNT TYPE RIGID	ORIEN	TOR TATION ZONTAL	SEVERE DUTY PREMIUM SEVERE DUTY	HAZA LOC	ARDOUS ATION ON 2 T2B	DRIP COVER NO	SCREENS NONE		AINT (EPOXY)
BEA DE	RINGS	GREASE	SHAFT	SHAFT TYPE		SPECIAL DE		SPECIAL ODE SHAFT		MATERIAL	FRAME MATERIAL	
BALL 6311	BALL 6211	POLYREX EN	1 Т	Т		NONE		NONE 1045 HO		OT ROLLED (C-204) CAS		T IRON
THERMOSTATS PROTECTORS NONE NOT		S WDG F			THERMISTORS CONTROL NONE FALSE		SPACE	HEATERS				
	nms/ph)	R2 (ohms/ph				X2 (ohms/ph)		ohms/ph)	VIDD	ATION (in/sec)		
	168	0.111	0.6			0.851		6.727		0.080		
* N O T							II		TORQUE:	VARIABLE 10:1 NONE	for further infor	mation
E S *								ENCODER: NONE NONE			NONE	PPR
	PARED BY: DATE: 31 REV 4	ANUSHA M 3/10/2020 2/27/06						BRAKE: NOI FT-LB: VOLTAGE:		NONE	Ξ	HZ







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: 286THFCD9026

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

Catalog No: W567A

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. Cers

Julian Clark Marketing Engineer

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