PRODUCT INFORMATION PACKET



Model No: 284THFCD19033 Catalog No: W561A

XRI®-841 Severe Duty Motor, 25 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 284T Frame, TEFC



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2024 Regal Rexnord Corporation, All Rights Reserved. MC017097E



Product Information Packet: Model No: 284THFCD19033, Catalog No:W561A XRI®-841 Severe Duty Motor, 25 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 284T Frame, TEFC



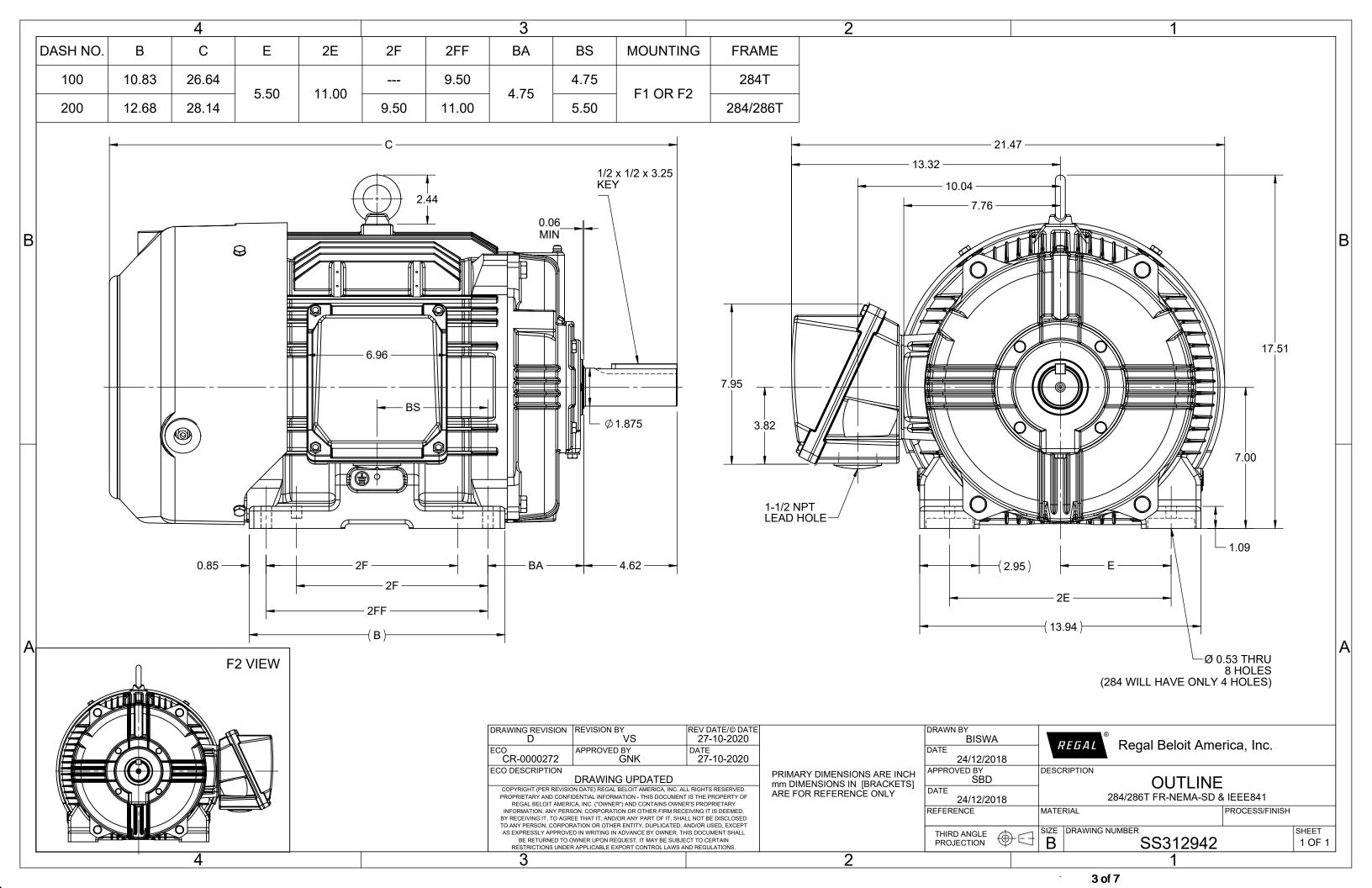
Nameplate Specifications

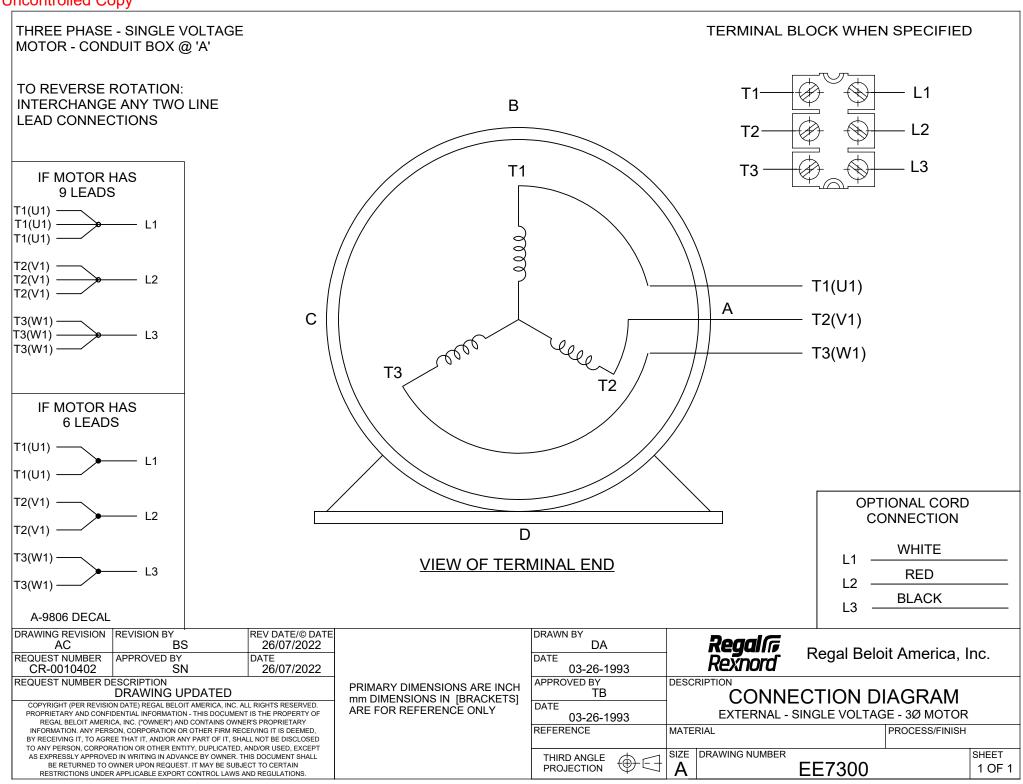
Phase	3	Output HP	25 Hp
Output KW	18.7 kW	Voltage	575 V
Speed	1772 rpm	Service Factor	1.15
Frame	284T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93.6 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	24.0 A	Power Factor	83
Duty	Continuous	Insulation Class	н
Design 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	.2988 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	SS312942-100	Connection Drawing	EE7300

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/18/2024





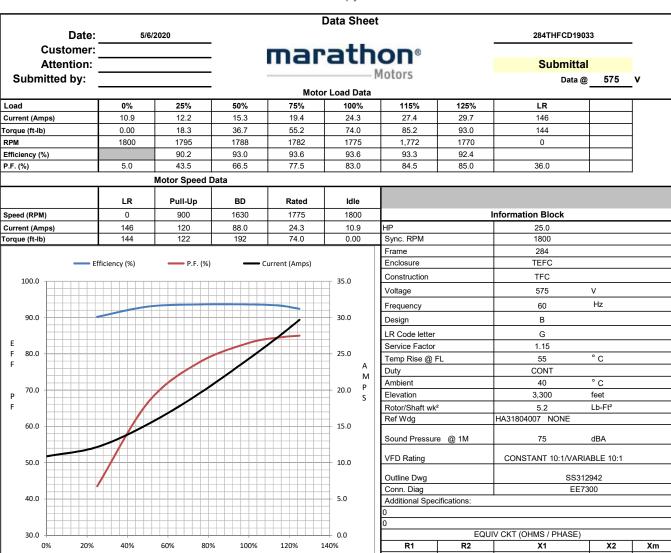


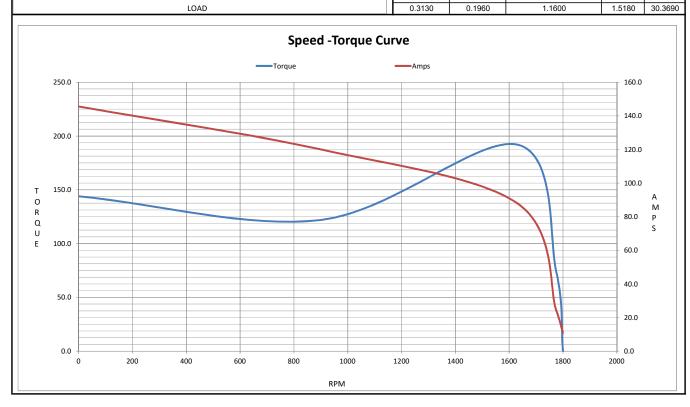
DATA VOLTS: 575

						CI	ERTIFICATION DATA	SHEE	ĒΤ					
CONN. DI		EE7300							MODEL #: CAT #:		019033			
OUTLINE: WINDING		SS312942 HA318040		NONE	4				MOUNTING:	F1/F2 CAP	ABLE			
						TYPICA	L MOTOR PERFORI	MANC	E DATA					
НР	кw	SYNC	RPM	FL R	РМ		FRAME	ENC	LOSURE	TYPE	E KVA CODE DESIG			
25	18.7	18	00	177	5		284T	TEFC		TFC	G		В	
PH	HZ	VO	LTS	AMF	96		START TYPE		DUTY	INSL	S.F.	AMB (° C)	ELEV. (Ft)	
3	60		75	24.		START TYPE LINE OR INVERTER		CONT		Н	1.15	40	3300	
							'							
<u> </u>	F.L. EFF	93.6		3/4 LD EFF	93.6		1/2 LD EFF	93.0	GTD EFF		ELECT			
	F.L. PF	83.0		3/4 LD PF	77.5		1/2 LD PF	66.5	93.0		SQ CAGE I	NV RATED		
F.L. T	ORQUE	LR	AMPS @	460 V		L.F	R. TORQUE		B.D. TORQUE	.	F.L. RISE (° C)		
	LB-FT		146	.00 7	144	LB-FT	195%	192	LB-FT	259%	55			
SOUND F	dBA		JND dBA	ROTOR 5.2	WK ² LB-FT ²	175	MAX. LOAD WK ² LB-FT ²	SAFE S	STALL TIME SEC.	ST	ARTS/HOUR 2	499	MOTOR LB.	
		ODE BR	ACKET	MOUNT	MO	*** S	SUPPLEMENTAL INFOR		N *** ARDOUS	DRIP		ı		
DE BRAC	KET TYPE			TYPE		TATION	SEVERE DUTY			COVER	l l		PAINT	
STAN	NDARD	STAN	DARD	RIGID	HORIZ	ZONTAL	PREMIUM SEVERE DUTY	DIVIS	SION 2 T2B	NO	NONE	BLU	E (EPOXY)	
BEA DE	RINGS	GRE	ASE	SHAFT	TYPE		SPECIAL DE	SPE	CIAL ODE	SHAFT	MATERIAL	FRAM	E MATERIAL	
6311	6211	POLYR	REX EM	Т			NONE	1	NONE	1045 HOT ROLLED (C-204)		CAST IRON		
	IOSTATS		CTORS	WDG R			BRG RTD's		RMISTORS		CONTROL	SPACE	HEATERS	
N	ONE	NO	TC	NON	1E		NONE	1	NONE		FALSE		NA	
R1 (ol	nms/ph)	R2 (oh	ms/ph)	X1 (ohm	ns/nh)	1	X2 (ohms/ph)	Xm (ohms/ph)	VIBR	ATION (in/sec)	Ι		
	90625		0625	1.81			2.371875		4515625		0.080			
N O								ı		TORQUE:	contact factory for fur CONSTANT 10:1/VA NONE		ion	
T E									ENCODER:	NONE				
s								NONE NONE						
*						NONE NONE PPR								
							BRAKE: NONE							

*		If Inverter equals NONE					
N		INVERTER TORQUE: CONSTANT 10:1/VARIABLE 10:1					
0		INV. HP SPEED RANGE	: NONE				
T							
E		ENCODER: NONE					
s		NONE					
*		NONE			NONE PPR		
		BRAKE: NONE					
PREF	PARED BY: ANUSHA M	NONE		NONE			
	DATE: 3/31/2020	FT-LB:	NA				
		VOLTAGE:	NONE			HZ:	
1		•					

FORM: 3531 REV_4 2/27/06
** Subject to change without notice.







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: 284THFCD19033

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

Catalog No: W561A

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

(€ 22