PRODUCT INFORMATION PACKET

Model No: 284TTFCD16851 Catalog No: E622A-P XRI®-SD Severe Duty Motor, 25 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 284T Frame, TEFC



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marathon®

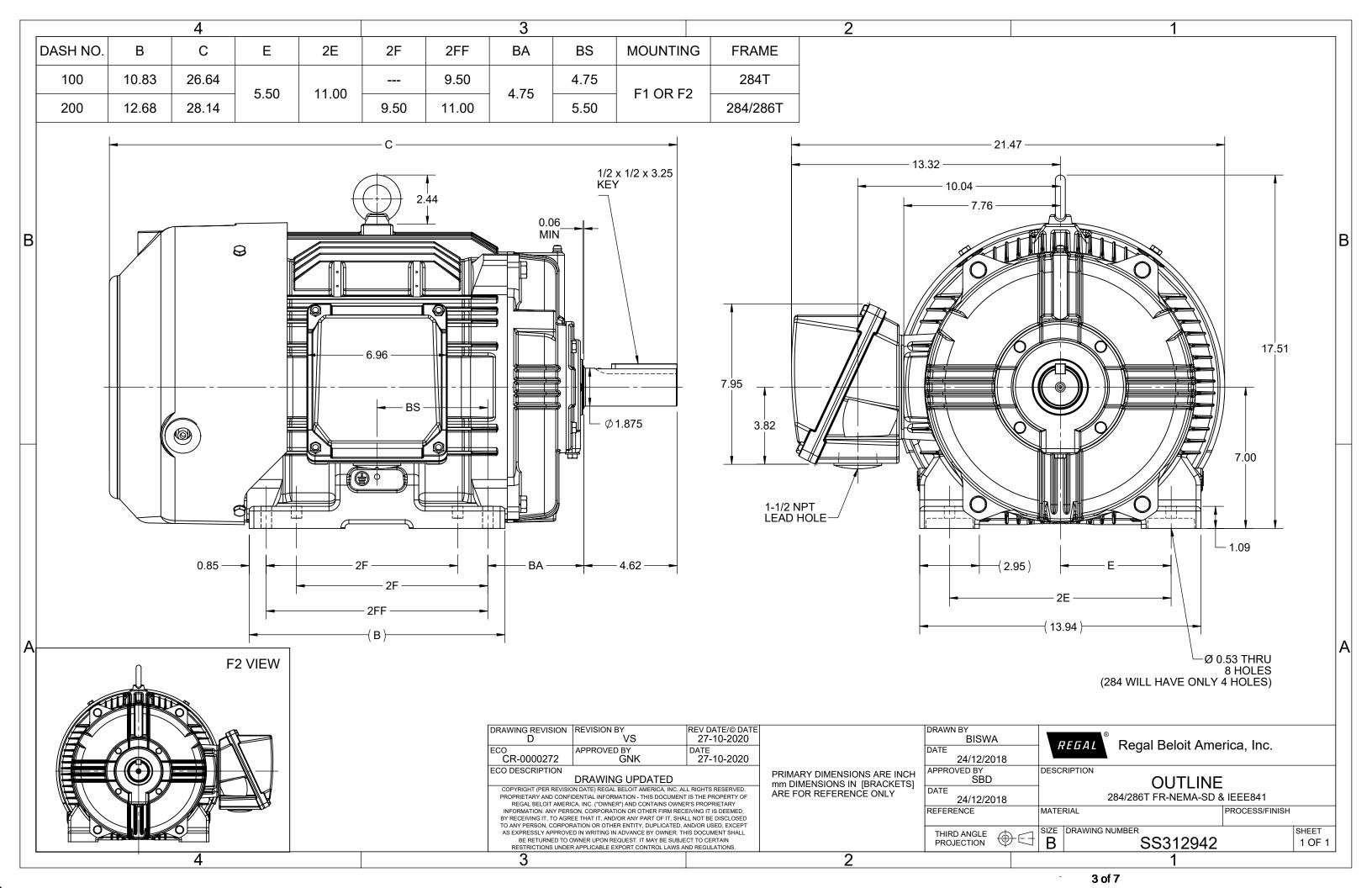
Nameplate Specifications

25 Hp	Output KW	18.7 kW
60 Hz	Voltage	460 V
30.0 A	Speed	1772 rpm
1.15	Phase	3
93.6 %	Power Factor	83
Continuous	Insulation Class	Н
В	KVA Code	G
284T	Enclosure	Totally Enclosed Fan Cooled
No Protection	Ambient Temperature	40 °C
6311	Opp Drive End Bearing Size	6211
Recognized	CSA	Y
Y	IP Code	55
1		
	60 Hz 30.0 A 1.15 93.6 % Continuous B 284T No Protection 6311 Recognized Υ	60 HzVoltage30.0 ASpeed1.15Phase93.6 %Power FactorContinuousInsulation ClassBKVA Code284TEnclosureNo ProtectionAmbient Temperature6311Opp Drive End Bearing SizeRecognizedCSAYIP Code

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 20:1/VARIABLE 20:1
Outline Drawing	SS312942-100	Connection Drawing	EE7300

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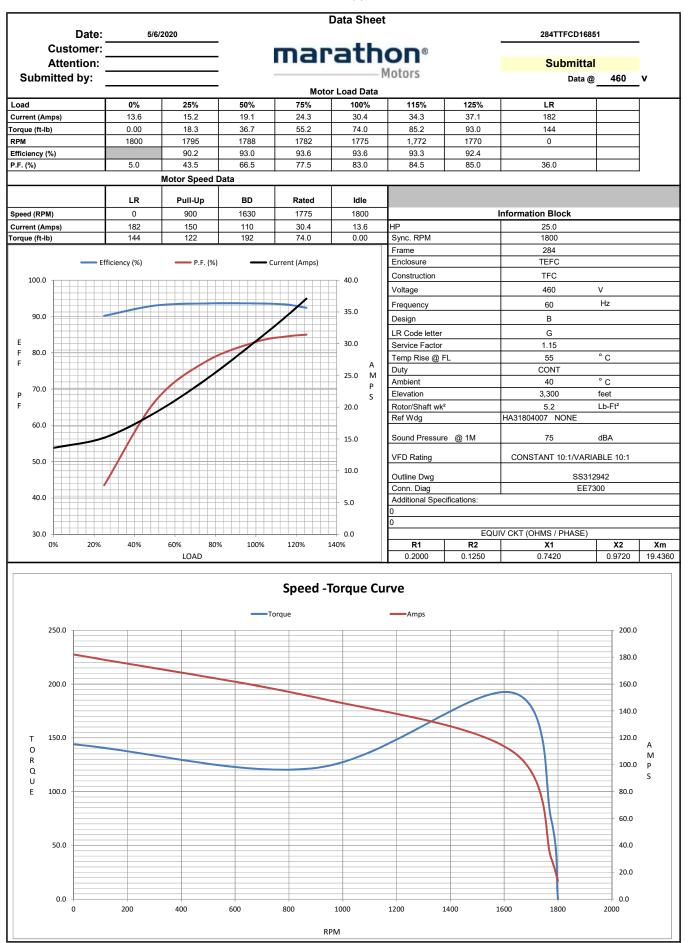
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					ma	га	thon® Motors				DATA VOLTS:	460	
						CER	TIFICATION DATA S	HEET					
CONN. DI OUTLINE: WINDING:		EE7300 SS312942 HA	.31804007	NONE	8 TV	BICAL			CAT #:	284TTFCD168 E62 F1/F2 CAPABI	22A-P		
HP	ĸw	SYNC	DDM										DESIGN
25	18.7		00	FL RF			FRAME ENCLOSURE 284T TEFC			TYPE TFC	G KVA CODE		B
РН 3	HZ 60	VOI 46		AMP 30.5	-		START TYPE INE OR INVERTER		DUTY	INSL H	S.F. 1.15	AMB (° C) 40	ELEV. (F 3300
	F.L. EFF F.L. PF	93.6 83.0		3/4 LD EFF 3/4 LD PF	93.6 77.5		1/2 LD EFF 1/2 LD PF	93.0 66.5	GTD EFF 93.0		ELECT. T SQ CAGE INV		-
F.L. T 74.0	ORQUE LB-FT		LR AMPS 182		144	L.F LB-FT	R. TORQUE 195%	192	B.D. TORQ LB-FT	UE 259%	F.L. RISE 55	(°C)	
SOUND PRESSURE 75 dBA		SOL 84	JND dBA	ROTOR	WK ² LB-FT ²	MAX. LOAD WK ² 175 LB-FT ²		SAFE STALL TIME START 20 SEC.		CS/HOUR APROX. 2 494 LB.			
75	UDA	04	UDA	, ,							2	434	
DE BRACKET TYPE STANDARD		ODE BRACKET MOUNT TYPE TYPE STANDARD RIGID		*** SUPPLEMENTAL INFORMA MOTOR ORIENTATION SEVERE DUTY HORIZONTAL PREMIUM SEVERE DUTY		HAZARDOUS LOCATION NONE		DRIP COVER SCREENS			PAINT BLUE (EPOXY)		
BEARINGS DE ODE		GRE	ASE	SHAFT	FT TYPE		SPECIAL DE		CIAL ODE	SHAFT	MATERIAL		
BALL 6311	BALL 6211	POLYR	REX EM	Т		NONE		NONE		1045 HOT ROLLED (C-204)		CAST IRON	
THERMOSTATS		PROTE		WDG R		BRG RTD's		THERMISTORS		CONTROL		SPACE HEATERS	
R1 (ohms/ph)		R2 (oh		NON X1 (ohm		NONE X2 (ohms/ph)		NONE Xm (ohms/ph)		FALSE		FLOAT	
		0.1		0.74			0.972		9.436		.080		DE
*						If Inverter equals NONE, contact factory for further information INVERTER TORQUE: CONSTANT 10:1/VARIABLE 10:1 INV. HP SPEED RANGE: NONE			E 10:1				
E S *									ENCODER: NONE NONE	NONE		NONE	PPR
PREP	PREPARED BY:					BRAKE: NONE NONE NONE FT-LB: NA							
	531 REV_4 to change w		•						VOLTAGE:		ONE		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: 284TTFCD16851

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

Catalog No : E622A-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