PRODUCT INFORMATION PACKET

Model No: 284THFCD9026 Catalog No: W560A XRI®-841 Severe Duty Motor, 25 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 284T Frame, TEFC



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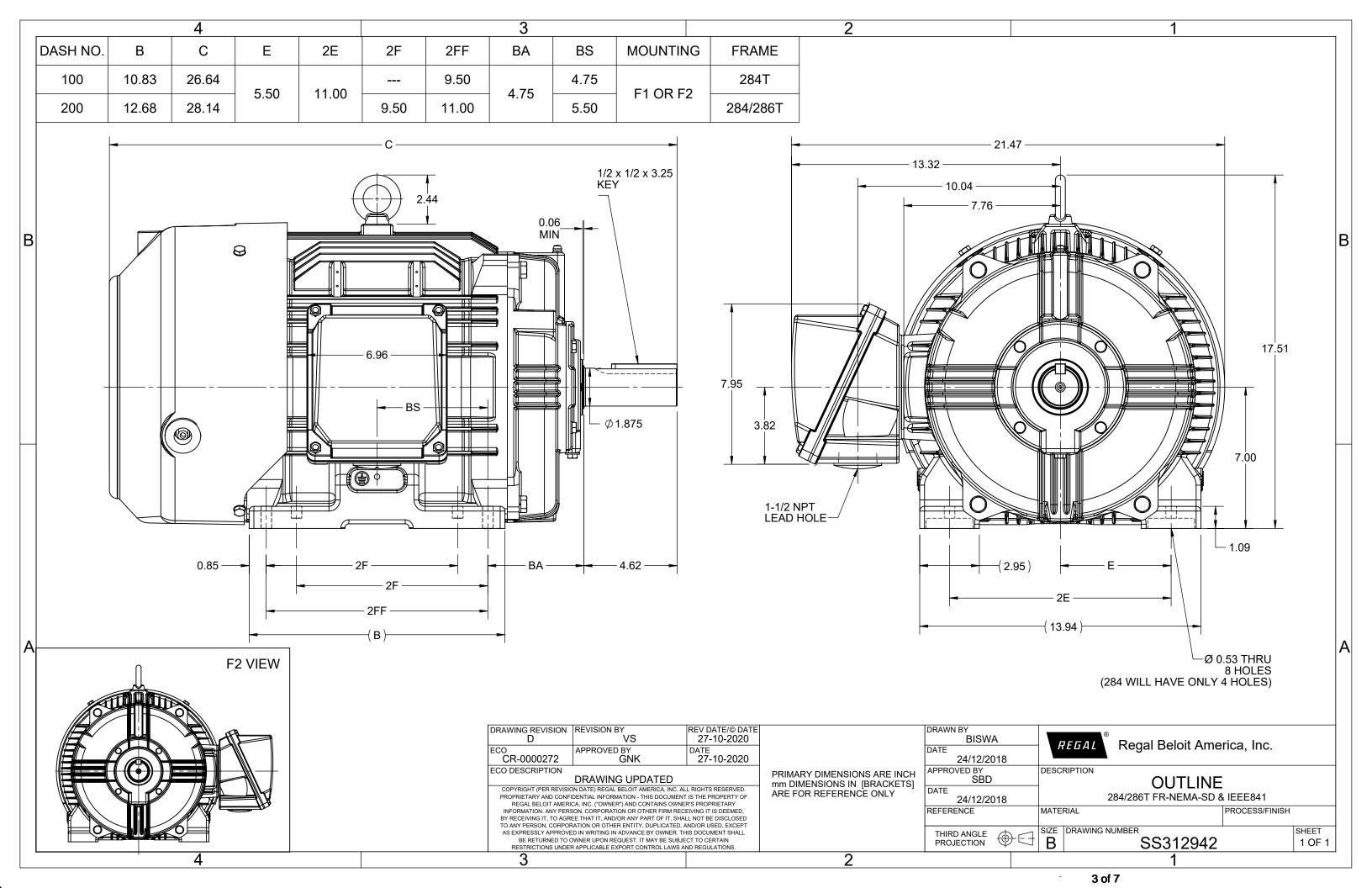
Nameplate Specifications

Output HP	25 Hp	Output KW	18.7 kW		
Frequency	60 Hz	Voltage	460 V		
Current	30.0 A	Speed	1772 rpm		
Service Factor	1.15	Phase	3		
Efficiency	93.6 %	Power Factor	83		
Duty	Continuous	Insulation Class	Н		
Design Code	В	KVA Code	G		
Frame	284T	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	Y		
CE	Y	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	.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		
Connection Drawing	EE7300	Outline Drawing	SS312942-100		

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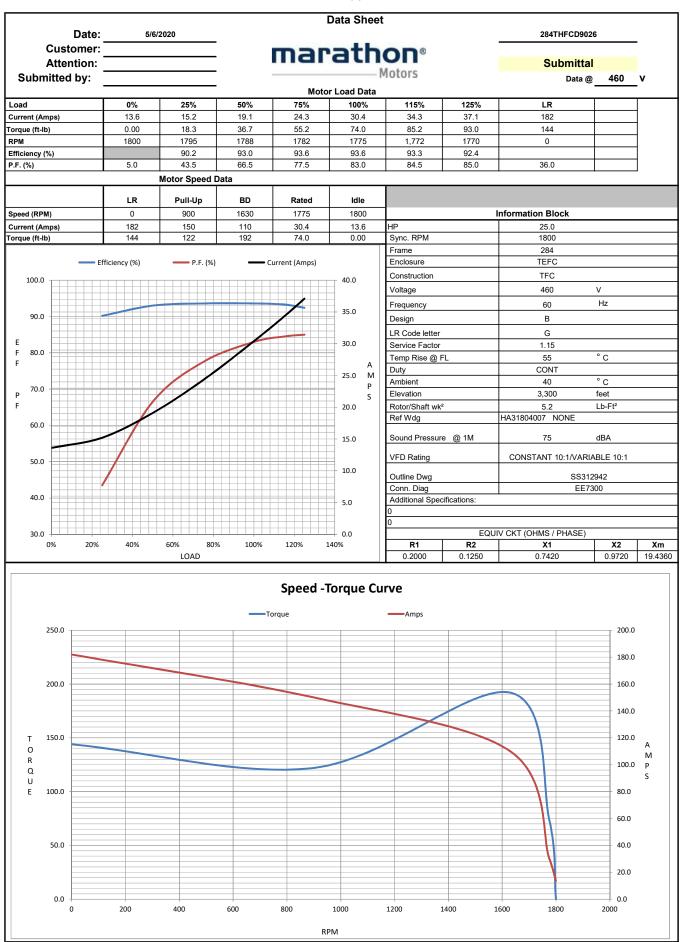
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				1	na	rathon	®			DATA VOLTS:	460	
					CI	ERTIFICATION DAT	A SHEE	T				
CONN. DI OUTLINE: WINDING:		EE7300 SS312942 HA31804007	NONE	8		L MOTOR PERFOR	MANCE	MOUNTING:	W560A			
HP	ĸw	SYNC RPM	FL R						ТҮРЕ	KVA COE)E	DESIGN
25	18.7	1800	177			284T		TEFC	TFC G			B
					1	-		-	-			
PH 3	HZ 60	VOLTS 460	AMF 30.1			START TYPE		OUTY CONT	INSL H	S.F. 1.15	AMB (° C) 40	ELEV. (Ft) 3300
	F.L. EFF		3/4 LD EFF	93.6		1/2 LD EFF	93.0	GTD EFF			. TYPE	
	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	93.0			INV RATED	
F.L. T(ORQUE	LR AMPS @	460 V		L.F	R. TORQUE		B.D. TORQUE	E F.L. RISE (° C)			
74.0	LB-FT	182		144	LB-FT	195%	192	LB-FT	259%	55		
-	RESSURE	SOUND	ROTOR			MAX. LOAD WK ²		TALL TIME	ST	ARTS/HOUR	APROX.	MOTOR
75	dBA	84 dBA	5.2	LB-FT ²	175	LB-FT ²	20	SEC.		2	494	LB.
		ODE BRACKET	MOUNT	MO	*** 5	UPPLEMENTAL INFOR		ARDOUS	DRIP			
	KET TYPE	TYPE STANDARD	TYPE RIGID		TATION ONTAL	SEVERE DUTY PREMIUM SEVERE DUTY		ION 2 T2B	NO NO	NONE	PAINT BLUE (EPOXY)	
BEAI	RINGS ODE	GREASE	SHAFT	TYPE		SPECIAL DE	SPEC	IAL ODE	SHAFT	MATERIAL	FRAM	EMATERIAL
BALL 6311	BALL 6211	POLYREX EM	Т			NONE	Ν	IONE	1045 HOT ROLLED (C-204) CAST		ST IRON	
	OSTATS	PROTECTORS	WDG R			BRG RTD's		MISTORS		CONTROL	SPACE	HEATERS
NC	NONE NOT		NOM	IE	NONE		NONE		FALSE		NA	
	nms/ph)).2	R2 (ohms/ph) 0.125	X1 (ohm 0.74			X2 (ohms/ph) 0.972		ohms/ph) 9.436	VIBR	ATION (in/sec) 0.080		
* N O T							If Inverter equals NONE, contact factory for further information INVERTER TORQUE: CONSTANT 10:1/VARIABLE 10:1 INV. HP SPEED RANGE: NONE					on
E S			ENCODER: NONE NONE NONE NONE NONE NONE NONE NONE									
PREP	PREPARED BY: ANUSHA M DATE: 3/31/2020					BRAKE: NONE NONE NONE FT-LB: NA VOLTAGE: NONE				HZ		
	31 REV_4	2/27/06 thout notice.				'						

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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: 284THFCD9026

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

Catalog No : W560A

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