PRODUCT INFORMATION PACKET



Model No: 324THFCD9076 Catalog No: W562A

XRI®-841 Severe Duty Motor, 25 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 324T Frame, TEFC



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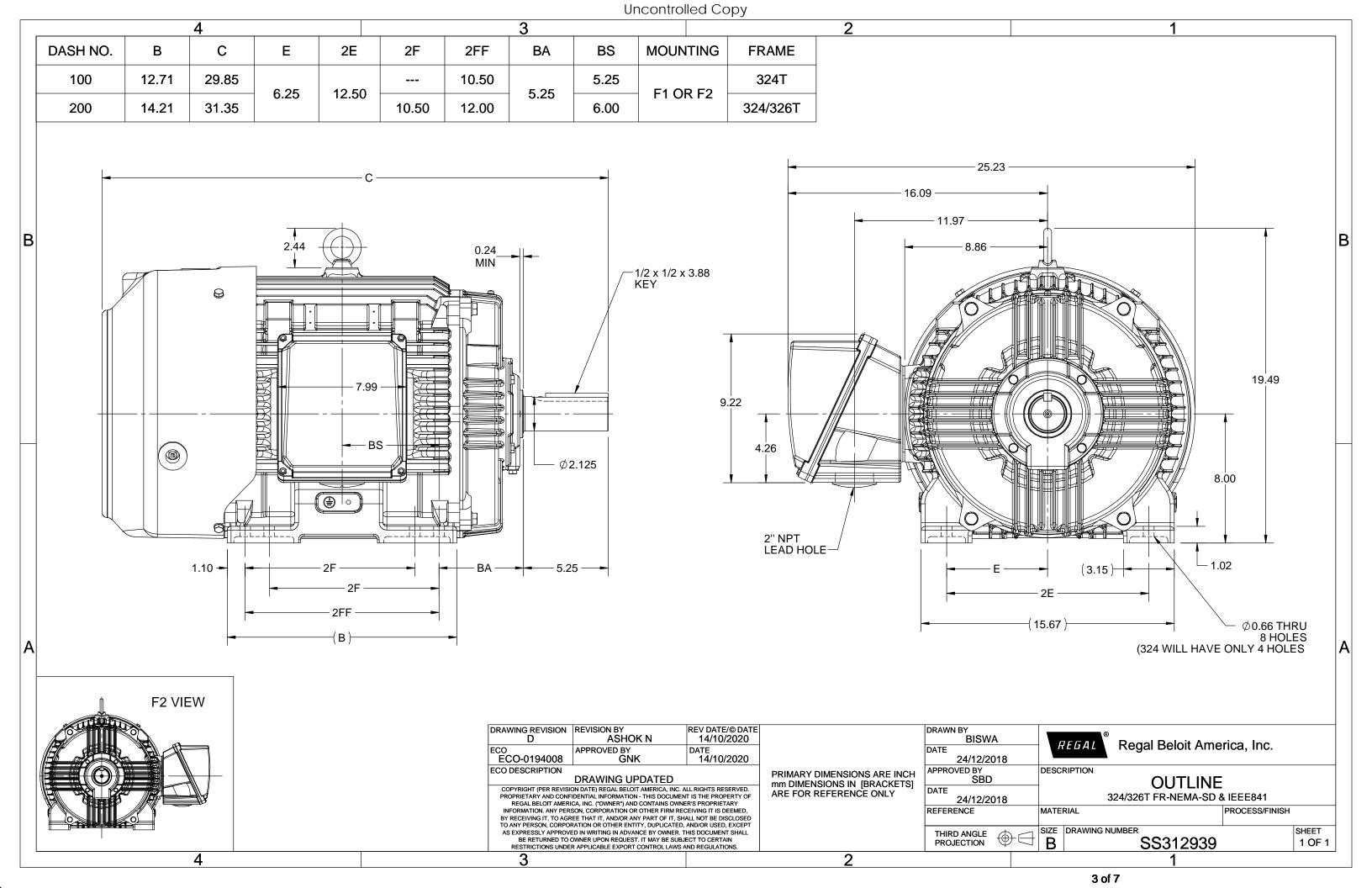
Nameplate Specifications

Phase	3	Output HP	25 Hp
Output KW	18.7 kW	Voltage	460 V
Speed	1184 rpm	Service Factor	1.15
Frame	324T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	32.0 A	Power Factor	78.5
Duty	Continuous	Insulation Class	н
Design Code	В	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6212
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	6	Rotation	Reversible
Resistance Main	.327 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	2.125 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1/VARIABLE 10:1
Connection Drawing	EE7300	Outline Drawing	SS312939-100

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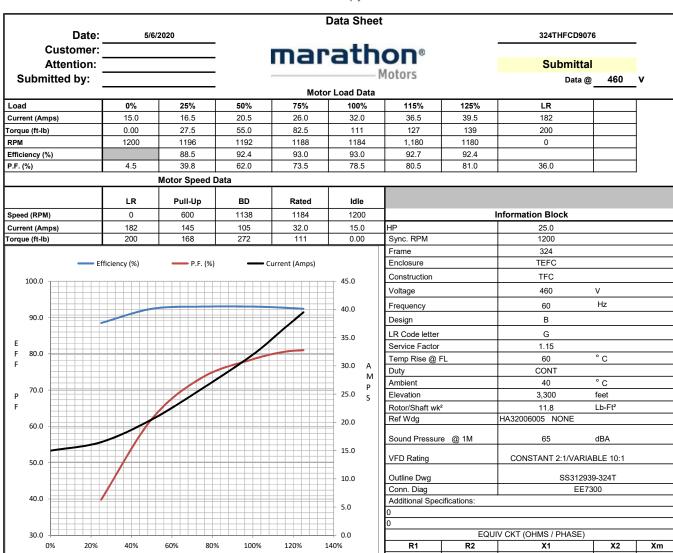
DATA VOLTS: 460

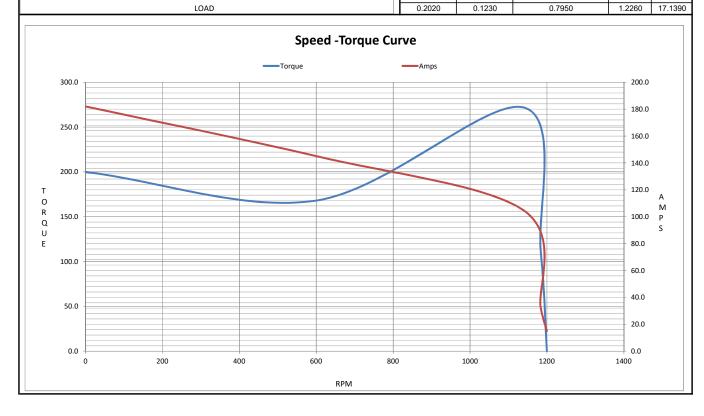
CERTIFICATION DATA SHEET

						CE	ERTIFICATION DATA	A SHEE	: Τ				
CONN. DIA DUTLINE: WINDING:		EE7300 SS312939- HA3200600		NONE	4				MODEL #: CAT #: MOUNTING:	W562A			-
					-	ГҮРІСА	L MOTOR PERFORI	MANCI	E DATA				
НР	ĸw	SYNC	RPM	FL RI	РМ	FRAME ENCLO		OSURE TYPE		KVA CODE		DESIGN	
25	18.7	1200 11		118	1184		324T		TEFC		G		В
PH	HZ	VOL	TS	AMF	s	T	START TYPE	-	DUTY	INSL	S.F.	AMB (° C)	ELEV. (Ft)
3	60	46		32		L	INE OR INVERTER		CONT	H	1.15	40	3300
				·								•	•
	F.L. EFF	93.0		3/4 LD EFF	93.0		1/2 LD EFF	92.4	GTD EFF		ELECT		
	F.L. PF	78.5		3/4 LD PF	73.5		1/2 LD PF	62.0	92.4		SQ CAGE I	NV RATED	
EI T	ORQUE	I P	AMPS @	460 V		1.0	. TORQUE		B.D. TORQUE	. 1	F.L. RISE (° C)	Ι
	LB-FT	LIX	182	400 V	200	LB-FT	180%	272	LB-FT	245%	60	<u> </u>	
			.02	!	200		10070			2.070			I.
SOUND P	OUND PRESSURE SOUND		IND	ROTOR WK ²		MAX. LOAD WK ²		SAFE STALL TIME		STARTS/HOUR		APROX.	мото
65	dBA	74	dBA	11.8	LB-FT ²	375	LB-FT ²	20	SEC.		2	582	LB.
						*** S	UPPLEMENTAL INFOR	MATION	J ***				
	I	ODE BR	ACKET	MOUNT	МО	TOR			ARDOUS	DRIP			
	KET TYPE	TYPE				ENTATION SEVERE DUTY		LOCATION		COVER SCREENS		PAINT	
STAN	IDARD	STANI	DARD	RIGID	HORIZ	ONTAL	PREMIUM SEVERE DUTY	DIVIS	ION 2 T2B	NO	NONE	BLU	IE (EPOXY)
- BEAL	RINGS					1				ı		1	
DE	ODE	GRE	ASE	SHAFT TYPE		SPECIAL DE		SPECIAL ODE		SHAFT MATERIAL		FRAME MATERIAL	
BALL	BALL					1,005		NONE		4045 HOT DOLLED (0.004)		0.107.17011	
6312 6212 POLYREX EM		EX EM	Т		NONE		NONE		1045 HOT ROLLED (C-204)		CAST IRON		
	•					•	•			•		•	
THERMOSTATS NONE		PROTECTORS NOT		WDG RTD's NONE		BRG RTD's NONE		THERMISTORS NONE		CONTROL FALSE		SPACE	HEATERS
												NA NA	
110) III	110	<u> </u>	1101	<u></u>		HONE	•	TONE		TALOL		10/
R1 (ohms/ph)		R2 (ohi	ms/ph)	X1 (ohms/ph)		X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)			
0.202		0.1	23	0.79	5	1.226		17.139		0.080			
N 0 T E S S .						ı		TORQUE:	contact factory for fur CONSTANT 2:1/VAF NONE		ion		
						ENCODER: NONE NONE	NONE		NONE	PPR			

		If Inverter equals NONE, contact factory for further information						
N		INVERTER TORQUE: CONSTANT 2:1/VARIABLE 10:1						
0		INV. HP SPEED RANGE	: NONE					
Т								
E		ENCODER: NONE						
s		NONE						
*		NONE			NONE PPR			
		BRAKE: NONE						
PREF	ARED BY: ANUSHA M	NONE		NONE				
	DATE: 3/31/2020	FT-LB:	NA					
		VOLTAGE:	NONE			HZ:		
		•						

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: 324THFCD9076

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

Catalog No: W562A

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:

Authorized Representative in the Community:

J. cers

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Julian Clark Marketing Engineer

(€ 22