PRODUCT INFORMATION PACKET

Model No: 256THFCD9040 Catalog No: W053-P XRI®-841 Severe Duty Motor, 20 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 256TCV Frame, TEFC



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Motors



Product Information Packet: Model No: 256THFCD9040, Catalog No:W053-P XRI®-841 Severe Duty Motor, 20 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 256TCV Frame, TEFC

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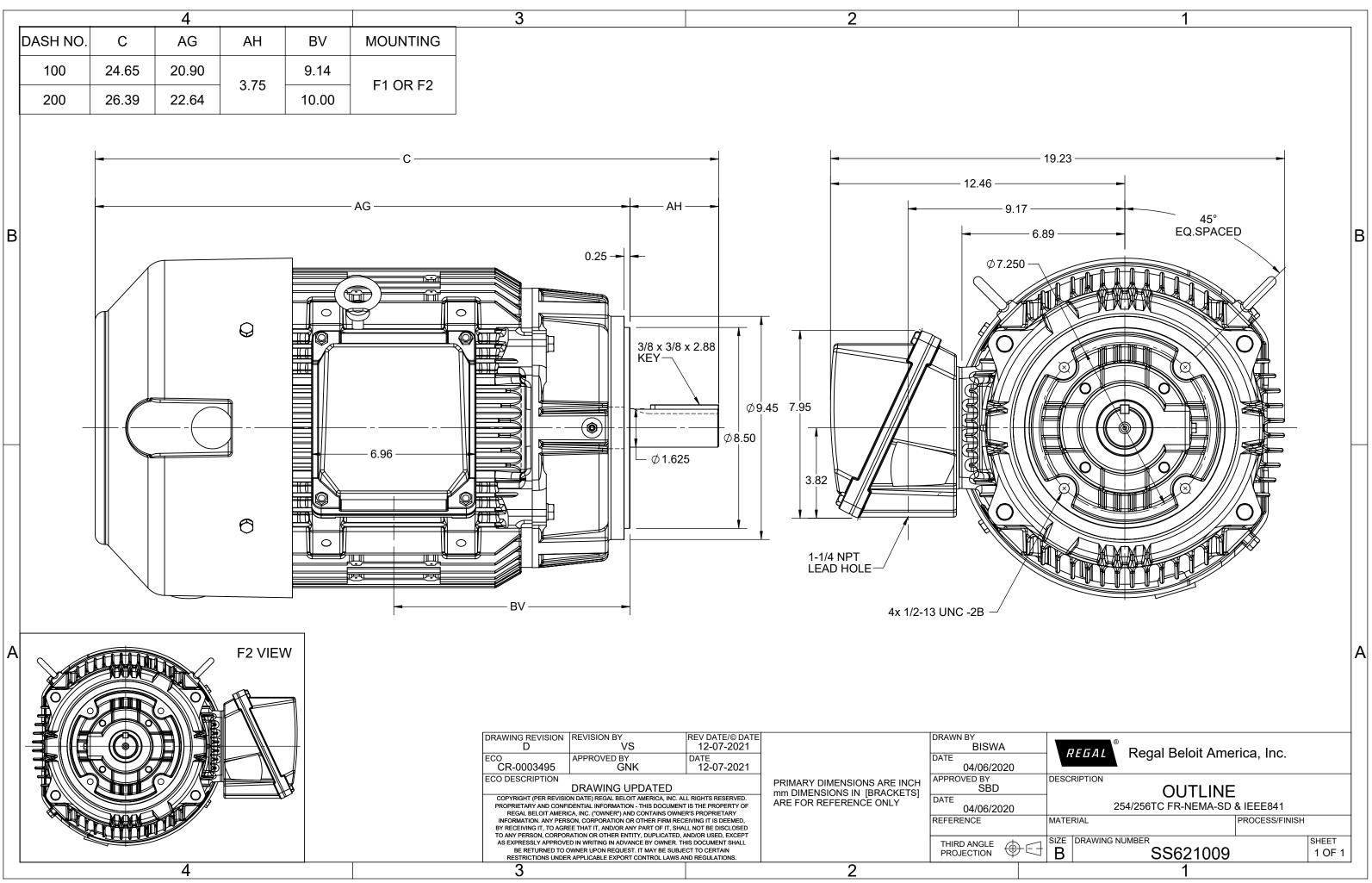
Nameplate Specifications

Output HP	20 Нр	Output KW	14.9 kW
Frequency	60 Hz	Voltage	460 V
Current	24.2 A	Speed	1768 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	83.5
Duty	Continuous	Insulation Class	н
Design Code	В	KVA Code	G
Frame	256TCV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.513 Ohms	Mounting	Round
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Shaft Diameter	1.625 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1/VARIABLE 10:1
Connection Drawing EE7300		Outline Drawing	SS621009-200

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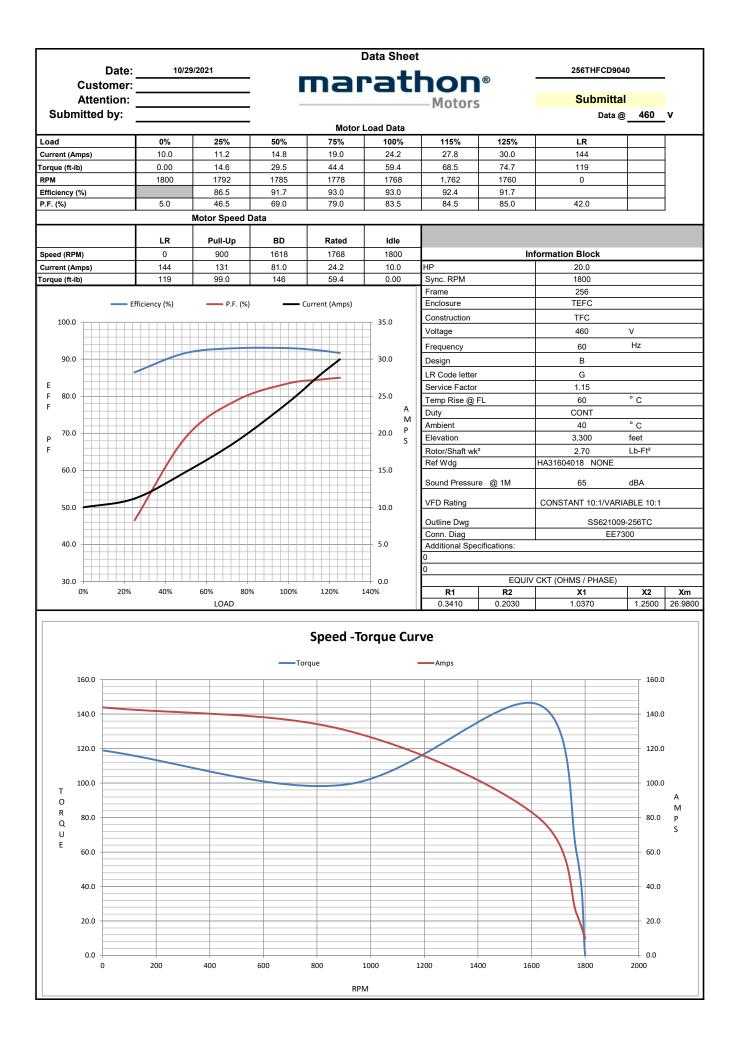


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				ma	Г	athon® Motors		DAT	P.O. BOX WAUSAU, PH. 715-6 A VOLTS:	WI 54401-8003			
					CE	RTIFICATION DATA S	HEET						
CUSTOMER:			CUSTOMER P.O. #:										
	IAGRAM:	EE7300			R	REFERENCE MODEL #: CAT #:		#: W053-P					
OUTLINE WINDING SPEED:		SS621009-256TC HA31604018	NONE	8			I	ER PART #: MOUNTING:	F1/F2 CAP	ABLE			
НР	ĸw	SYNC RPM			YPICAL			ATA	TYPE	KVA CODE		DESIGN	
20	14.9	1800		L RPM FRAME 1768 256TCV			EFC	TYPE KVA CODE			B		
PH 3	HZ 60	VOLTS 460		MPS 24.2		START TYPE LINE OR INVERTER		UTY ONT	INSL H	S.F. 1.15	AMB 40	ELEV. 3300	
	F.L. EFF F.L. PF		3/4 LD EFF 3/4 LD PF	93.0 79.0		1/2 LD EFF 1/2 LD PF	91.7 69.0	GTD EFF 92.4		ELECT. SQ CAGE IN			
F	L. TORQUE	LR AMPS @		73.0	I P			32.4 B.D. TORQUI	=	F.L. RISE (° C)			
	F.L. TORQUE LR AMPS @ 400 V 59.4 LB-FT 144 119		119	LB-FT				246% 60					
SOUND	PRESSURE @ 3 FT.	SOUND POWER	ROT	DR WK ²		MAX. LOAD WK ²	SAFE S	TALL TIME		STARTS/HOUR	APROX.	MOTOR WGT	
65	dBA	74 dBA	2.70	LB-FT ²	125	LB-FT ²	20	SEC.		2	455	LB.	
			MOUNT		*** SU	PPLEMENTAL INFORMA	IATION *** HAZARDOUS DRIP						
DE BI	C-FACE	ODE BRACKET TYPE STANDARD	TYPE ROUND	MOTOR ORIEN					COVER YES	SCREENS NONE	PAINT BLUE - RAL 5003 (EPOXY)		
E	BEARINGS	GREASE	CUA			SPECIAL DE	0050	IAL ODE		FT	-		
DE BALL	ODE BALL	POLYREX EM				NONE			SHA				
6309	6209	POLTREX EM		Т		NONE	N	UNE	1045 HOT ROLLED (C-204)			CASTIRON	
		PROTECTORS		G RTD's	BRG RTD's			MISTORS	CONTROL		SPAC	SPACE HEATERS	
NONE NOT				ONE	E NONE			ONE	FALSE			NA	
R1 (ohms/ph) 0.341		R2 (ohms/ph) 0.203		hms/ph) .037	X2 (ohms/ph) 1.25			hms/ph) 6.98	VIBRATION (in/sec) 0.080		ODE		
× N O T							IN	INVERTER V. HP SPEEI		CONSTANT 10:1/VARIABLE	E 10:1		
E S						ENCODER: NONE NONE NONE NONE PPR				PPR			
PREPARED BY:				BRAKE: NONE NONE NONE FT-LB: NA VOLTAGE: NONE									
FORM: 3531 REV_4 2/27/06 UL: V-LI.ME-INS,CONST UL REC													





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: 256THFCD9040

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

Catalog No : W053-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