PRODUCT INFORMATION PACKET

Model No: 256THFCD19056 Catalog No: W553A-P XRI®-841 Severe Duty Motor, 20 HP, 3 Ph, 60 Hz, 460 V, 1800 RPM, 256T Frame, TEFC



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Nameplate Specifications

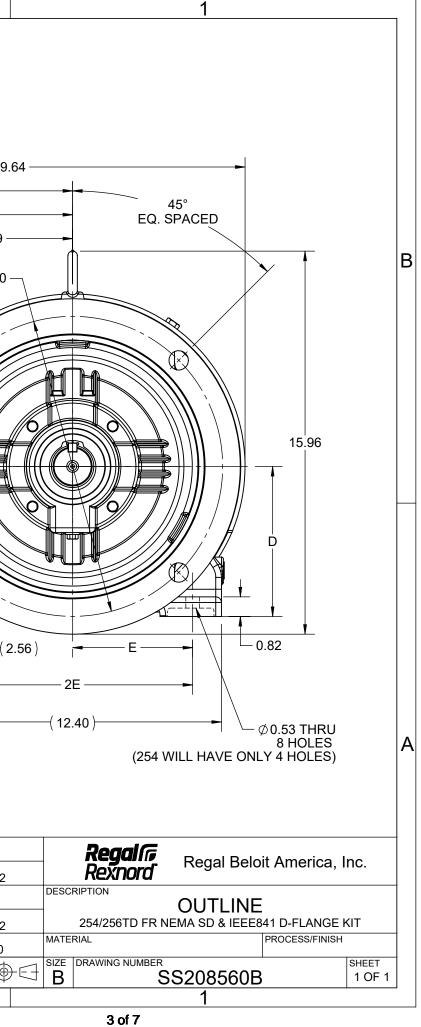
3	Output HP	20 Hp
14.9 kW	Voltage	460 V
1768 rpm	Service Factor	1.15
256T	Enclosure	Totally Enclosed Fan Cooled
No Protection	Efficiency	93 %
40 °C	Frequency	60 Hz
24.2 A	Power Factor	83.5
Continuous	Insulation Class	н
В	KVA Code	G
6309	Opp Drive End Bearing Size	6209
Recognized	CSA	Y
Υ	IP Code	56
1		
	14.9 kW 1768 rpm 256T No Protection 40 °C 24.2 A Continuous B 6309 Recognized	14.9 kWVoltage1768 rpmService Factor256TEnclosureNo ProtectionEfficiency40 °CFrequency24.2 APower FactorContinuousInsulation ClassBKVA Code6309Opp Drive End Bearing SizeRecognizedCSA

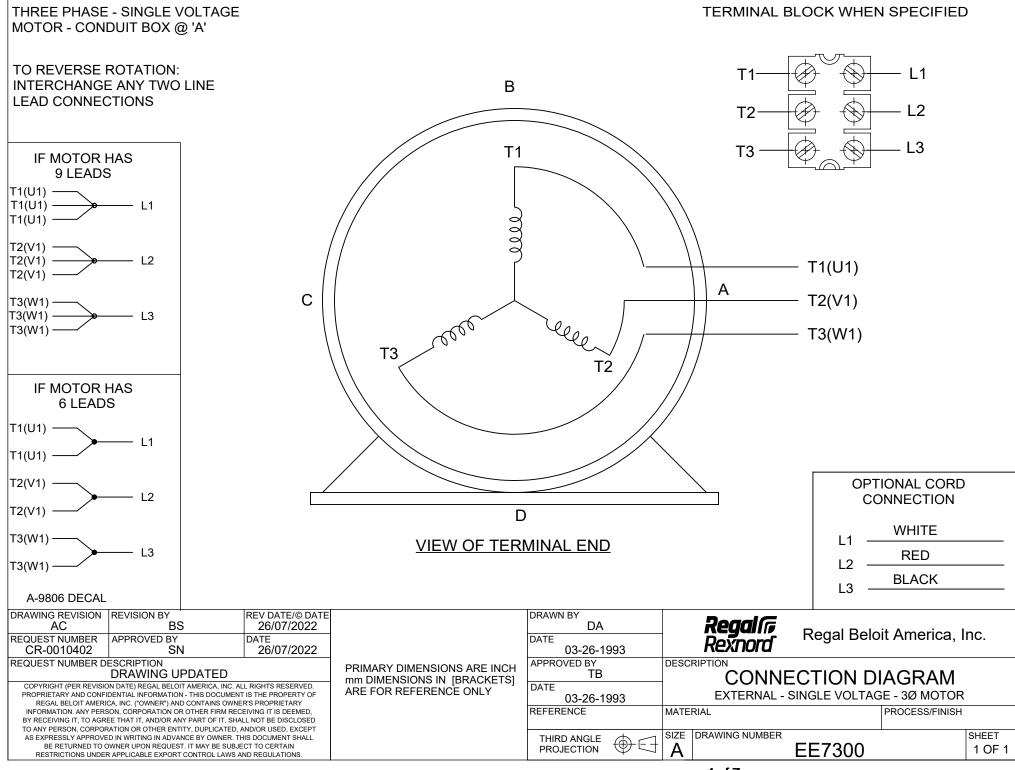
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.513 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	1.625 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1/VARIABLE 10:1
Connection Drawing	EE7300	Outline Drawing	SS208560-200

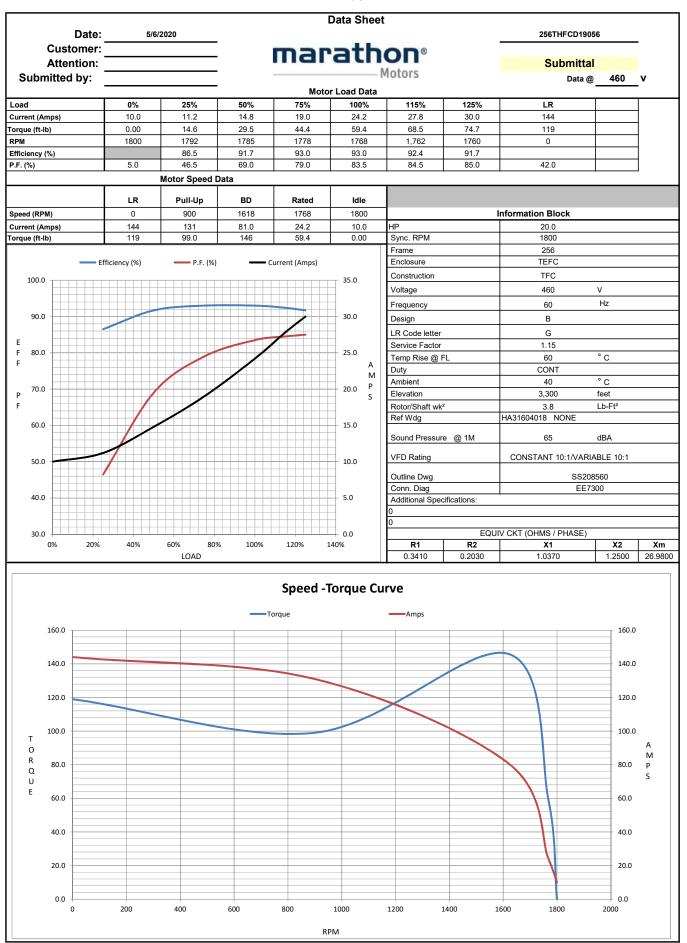
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	4						3							
	DASH NO.	В	С	D	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING	FRAME
	100	9.60	24.16	0.05	5.00	40.00	-	8.25	20.16	4.00	4.05	8.39		254TD
	200	11.34	25.89	6.25	5.00	10.00	8.25	10.00	21.89	4.00	4.25	9.25	- F1 OR F2	254/256TD
B			0.67		C				- AH	M	3.98	7.95 3.82 1-1/4 NPT LEAD HOL 4x Ø 0.81 TH		
								CR-0009883	SB	D	29/06/2022	PRIMARY D	IMENSIONS ARE INC	APPROVED BY
							Ci PF	OPYRIGHT (PER REVISIO ROPRIETARY AND CONFI REGAL BELOIT AMERI	ON DATE) REGAL BELOI IDENTIAL INFORMATION CA, INC. ("OWNER") ANI	IT AMERICA, INC. ALL F N - THIS DOCUMENT IS D CONTAINS OWNER'S	THE PROPERTY OF PROPRIETARY	ARE FOR R	BIONS IN [BRACKETS EFERENCE ONLY	DATE 29/06/2022
							BY	NFORMATION. ANY PERS Y RECEIVING IT, TO AGRI) ANY PERSON, CORPOF S EXPRESSLY APPROVE	SON, CORPORATION OF EE THAT IT, AND/OR AN RATION OR OTHER ENT	R OTHER FIRM RECEIV IV PART OF IT, SHALL I ITY, DUPLICATED, AND	ING IT IS DEEMED, NOT BE DISCLOSED)/OR USED, EXCEPT			REFERENCE SS208560 THIRD ANGLE
									OWNER UPON REQUES	T. IT MAY BE SUBJECT	TO CERTAIN		<u>)</u>	THIRD ANGLE PROJECTION
			4					J					2	





			ļ	ma	ага	Motors				DATA VOLTS:	460	
					CER	TIFICATION DATA S	HEET					
CONN. DI/ OUTLINE: WINDING:		EE7300 SS208560 HA31604	1018 NONE	8		R MOTOR PERFORMA		CAT #:	256THFCD190 W55 F1/F2 CAPABL	53A-P		
НР	ĸw	SYNC RPM	FL RI		PICAL				TYPE	KV/A C		DESIGN
20	14.9	1800	176			256T		EFC	TFC	G KVA CODE		B
				-								
РН 3	HZ 60	VOLTS 460	AMF 24.:	-		START TYPE		OUTY CONT	INSL H	S.F. 1.15	AMB (° C) 40	ELEV. (Ft) 3300
	F.L. EFF 93.0 3/4 LD EFF 93.0 F.L. PF 83.5 3/4 LD PF 79.0			1/2 LD EFF 1/2 LD PF	91.7 GTD EFF 69.0 92.4			PE RATED				
F.L. T 59.4	ORQUE LB-FT	LR A	MPS 44	119	L.F LB-FT	R. TORQUE 200%	146	B.D. TORQ LB-FT	UE 246%	F.L. RISE 60	: (° C)	
-	RESSURE	SOUND			MAX. LOAD WK ²		SAFE STALL TIME		STARTS/HOUR		APROX.	
65	dBA	74 dBA	3.8	LB-FT ²	125	LB-FT ²	20 SEC.		2		344 LB.	
	KET TYPE	ODE BRACKI TYPE STANDARD	TYPE ORIEN		**** SUPPLEMENTAL INFORMATION DTOR ITATION SEVERE DUTY ZONTAL		ATION *** HAZARDOUS LOCATION NONE		DRIP COVER SCREENS NO NONE		PAINT BLUE (EPOXY)	
BEAF	RINGS	GREASE	SHAFT	SHAFT TYPE		SPECIAL DE		IAL ODE	SHAFT MATERIAL		FRAME MATERIAL	
BALL BALL PO		POLYREX E	M T			NONE	NONE		1045 HOT ROLLED (C-204)		CAST IRON	
THERMOSTATS NONE		PROTECTOR				BRG RTD's	THERMISTORS NONE		CONTROL FALSE		SPACE HEATERS	
	nms/ph)	NOT R2 (ohms/pl	NON N) X1 (ohm		1	NONE X2 (ohms/ph)	Xm (ohms/ph)		VIBRATION (in/sec)			
	341	0.203	1.03			1.25		26.98		080		
* N 0 T							If Inverter equals NONE, contact factory for further information INVERTER TORQUE: CONSTANT 10:1//ARIAB INV. HP SPEED RANGE: NONE					10:1
E S *								ENCODER: NONE NONE	NONE		NONE	PPR
PREP	PREPARED BY:							BRAKE:	ONE	NON		
	DATE: 531 REV_4 to change w							FT-LB: VOLTAGE:		NA ONE		HZ:





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: 256THFCD19056

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

Catalog No : W553A-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