PRODUCT INFORMATION PACKET

Model No: 254TTFCD6528 Catalog No: E673A XRI®-SD Severe Duty Motor, 15 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 254T Frame, TEFC



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies. ©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E







Product Information Packet: Model No: 254TTFCD6528, Catalog No:E673A XRI®-SD Severe Duty Motor, 15 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 254T Frame, TEFC

marathon[®]

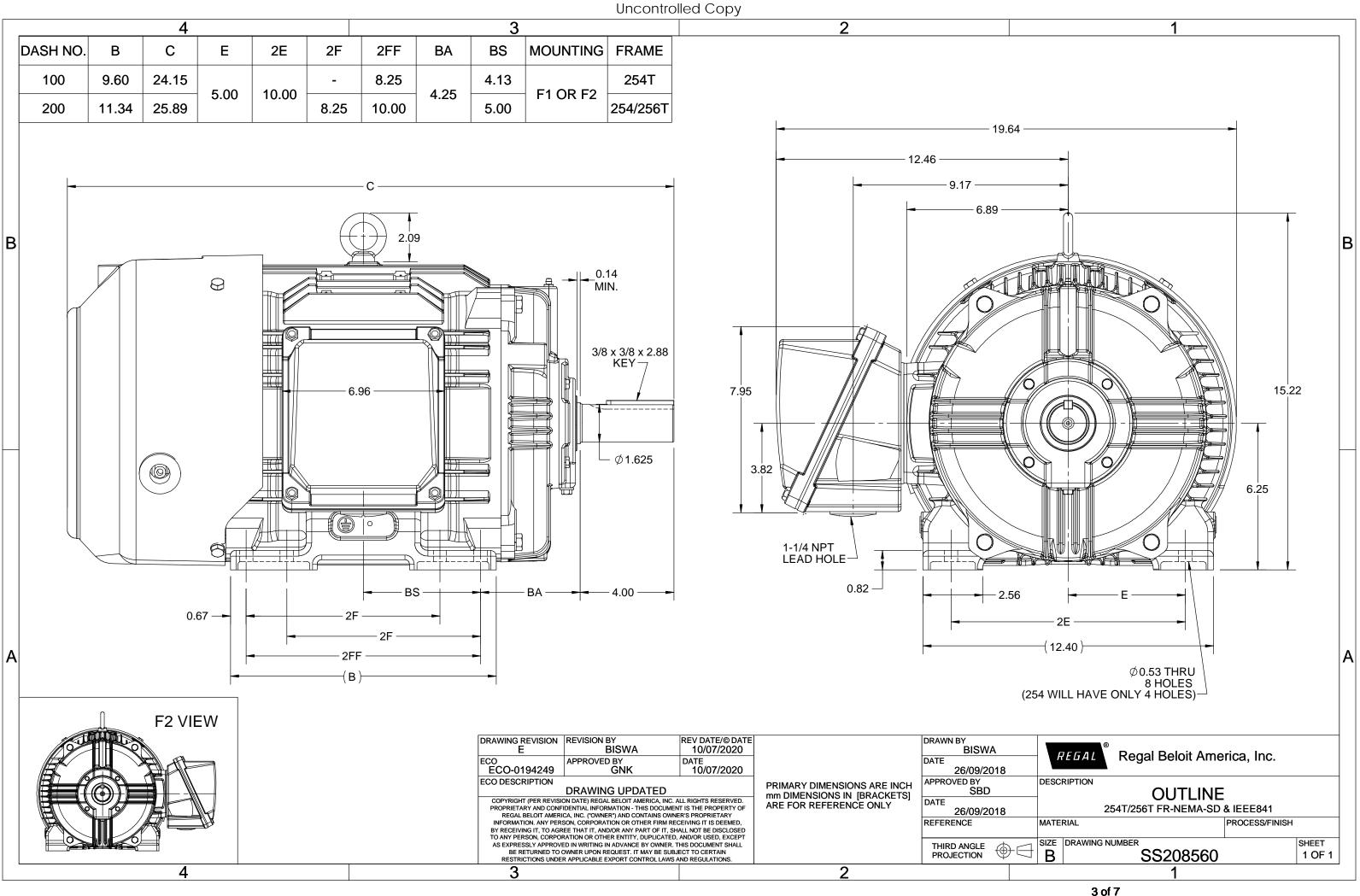
Nameplate Specifications

Output HP	15 Hp	Output KW	11.2 kW			
Frequency	60 Hz	Voltage	575 V			
Current	15.1 A	Speed	1772 rpm			
Service Factor	1.15	Phase	3			
Efficiency	92.4 %	Power Factor	82			
Duty	Continuous	Insulation Class	н			
Design Code	В	KVA Code	G			
Frame	254T	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	Listed	CSA	Y			
CE	Y	IP Code	55			
Hazardous Location	DIVISION 2 T2B	Number of Speeds	1			

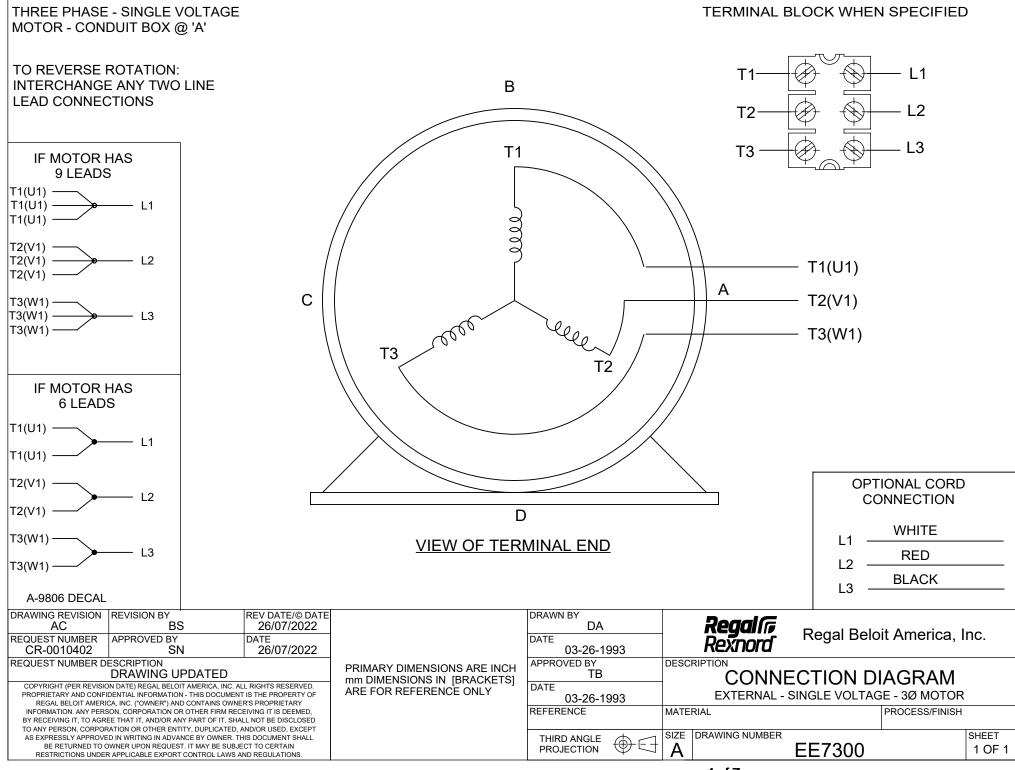
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter		
Poles	4	Rotation	Reversible		
Resistance Main	.61 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	1.626 in		
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1/VARIABLE 20:1		
Connection Drawing	ection Drawing EE7300		SS208560-100		

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:12/14/2022



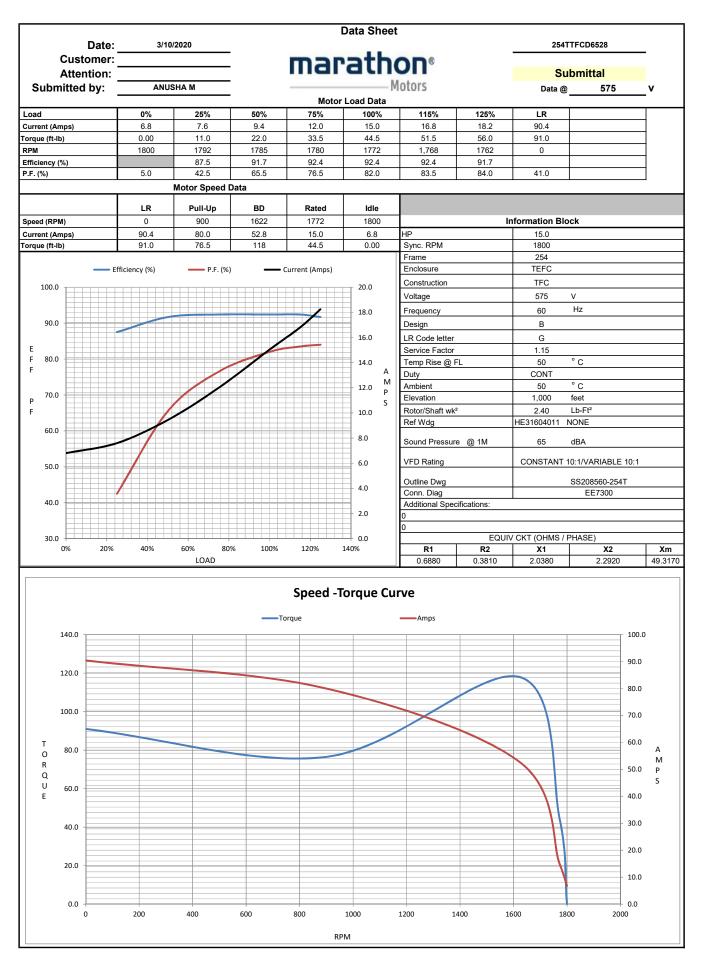
Uncontrolled Copy



Uncontrolled Copy

Motors Data volts: 460												
					CE	RTIFICATION DATA S	HEET					
CONN. DI OUTLINE: WINDING:		EE7300 SS208560-254T HE31604011	NONE	4				MODEL #: CAT #: MOUNTING:		E673A		-
						<u>. MOTOR PERFORM</u>						
HP	ĸw	SYNC RPM	FLR			FRAME	ENCLOSURE		TYPE	KVA CO		
15	11.2	1800	177	2		254T	1	TEFC	TFC	G		В
РН 3	HZ 60	VOLTS 575	AM			START TYPE		DUTY CONT	INSL H	S.F. 1.15	AMB (° C) 40	ELEV.(Ft) 3300
	F.L. EFF F.L. PF	92.4 82.0	3/4 LD EFF 3/4 LD PF	92.4 76.5		1/2 LD EFF 1/2 LD PF	91.7 65.5	GTD EFF 91.7		ELECT. SQ CAGE IN		
	ORQUE LB-FT	LR AMPS (90.4		91.0	L.F LB-FT	R. TORQUE 204%	118	B.D. TORQUE LB-FT	265%	F.L. RISE 50	(° C)	
SOUND P	JND PRESSURE @ SOUND ROTOR WK ² 65 dBA 74 dBA 2.40 LB-FT ²				SAFE STALL TIME		ST	ARTS/HOUR	APROX. 327	MOTOR		
	UDA		,	20-11					1	2	021	
	CKET TYPE	ODE BRACKET TYPE STANDARD	MOUNT TYPE RIGID	ORIEN	TOR TATION CONTAL	SEVERE DUTY	HAZ/ LOC	ARDOUS CATION ION 2 T2B	DRIP COVER NO	SCREENS NONE		INT EPOXY)
BEA	RINGS	GREASE	SHAFT			SPECIAL DE			SHAFT	MATERIAL	1	MATERIAL
DE BALL 6309	ODE BALL 6209	POLYREX EM	т			NONE	Ν	IONE	1045 HOT ROLLED (C-204)		CAST IRON	
THER	NOSTATS	PROTECTORS	WDG F	RTD's		BRG RTD's	THER	MISTORS		CONTROL	OL SPACE HEATERS	
N	ONE	NOT	NOI	NE	NONE		Ν	IONE	FALSE			NA
	hms/ph) .688	R2 (ohms/ph) 0.381	X1 (ohr 2.0			X2 (ohms/ph) 2.292		ohms/ph) 9.317		ATION (in/sec) 0.080		
× N O T	If Inverter equals NONE, contact factory for further informatic INVERTER TORQUE: CONSTANT 10:1/VARIABLE 10:1 INV. HP SPEED RANGE: NONE											
E S *								ENCODER: NONE NONE			NONE	PPR
PRE	PREPARED BY: ANUSHA M DATE: 3/10/2020						BRAKE: NOI FT-LB:		NONE	Ξ		
	31 REV_4 to change with	2/27/06 out notice.						VOLTAGE:		NONE		HZ:

Uncontrolled Copy





www.regalbeloit.com

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: 254TTFCD6528

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

Catalog No : E673A

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

(€ 22

Authorized Representative in the Community:

Julian Clark Marketing Engineer