PRODUCT INFORMATION PACKET



Model No: 215TTFCD16847 Catalog No: E479B-P

XRI®-SD Severe Duty Motor, 10 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 215T Frame, TEFC



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2024 Regal Rexnord Corporation, All Rights Reserved. MC017097E



Product Information Packet: Model No: 215TTFCD16847, Catalog No:E479B-P XRI®-SD Severe Duty Motor, 10 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 215T Frame, TEFC



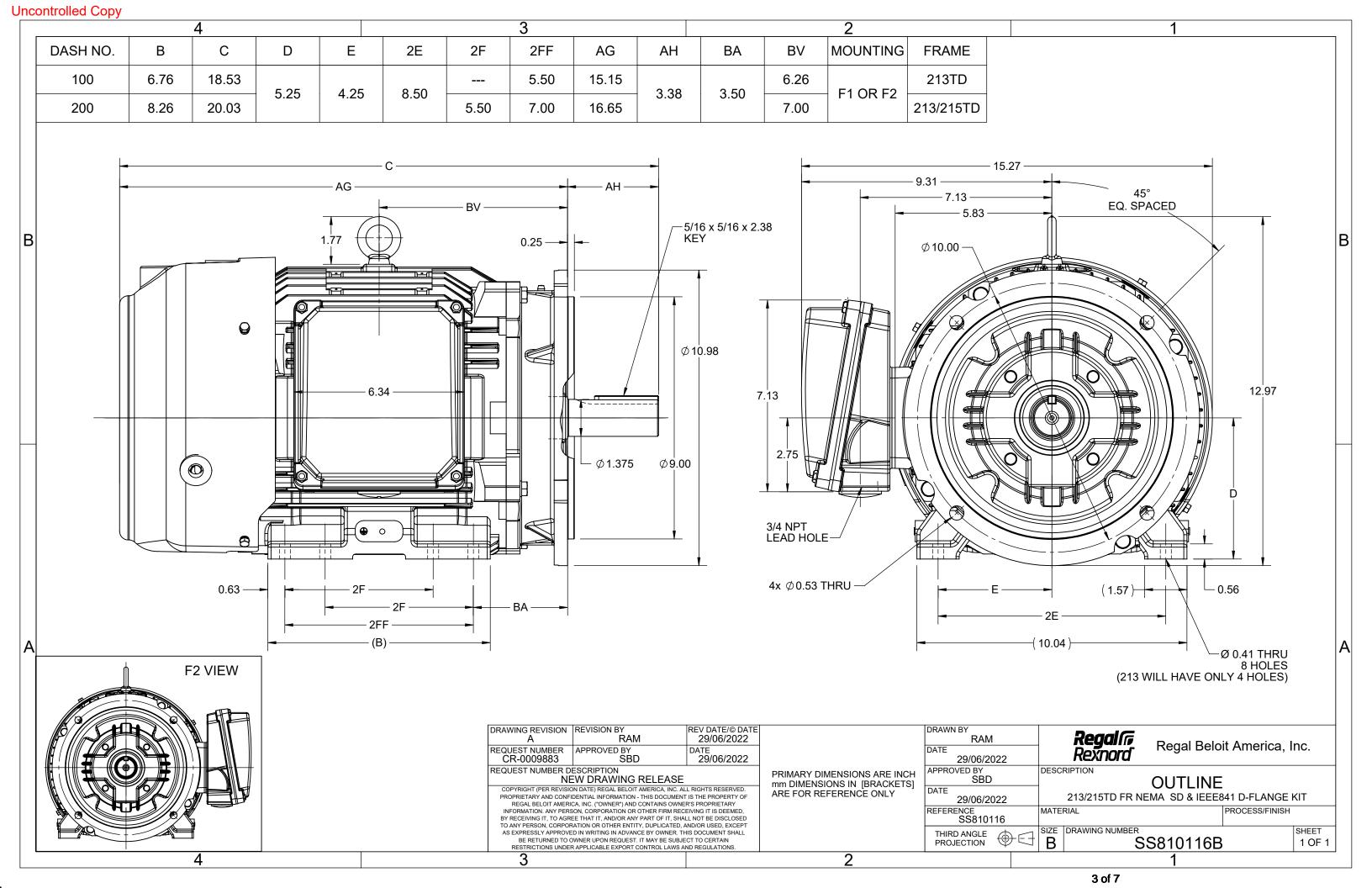
Nameplate Specifications

Phase	3	Output HP	10 Hp			
Output KW	7.5 kW	Voltage	230/460 V			
Speed	1762 rpm	Service Factor	1.15			
Frame	215T	Enclosure	Totally Enclosed Fan Cooled			
Thermal Protection	No Protection	Efficiency	91.7 %			
Ambient Temperature	40 °C	Frequency	60 Hz			
Current	25.0/12.5 A	Power Factor	81.3			
Duty	Continuous	Insulation Class	Н			
Design Code	В	KVA Code	Н			
Drive End Bearing Size	6308	Opp Drive End Bearing Size	6208			
UL	Recognized	CSA	Υ			
CE	Υ	IP Code	55			
Number of Speeds	1					

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter		
Poles	4	Rotation	Reversible		
Resistance Main	1.155 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	1.375 in		
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1/VARIABLE 10:1		
Outline Drawing	SS810116-200	Connection Drawing	EE7308		

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/18/2024



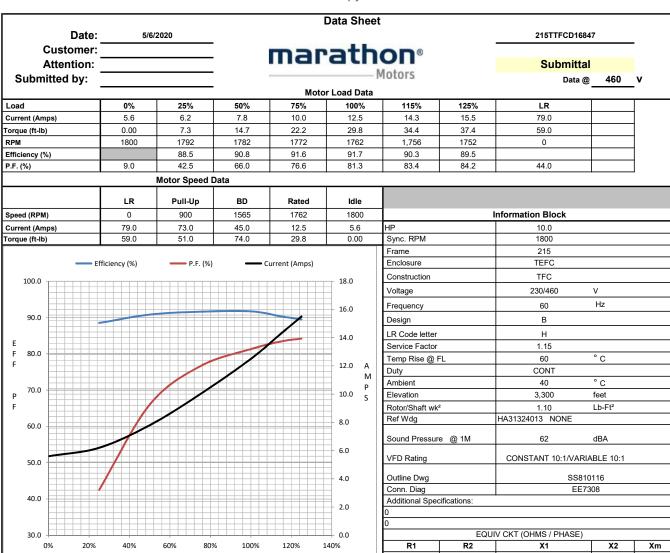


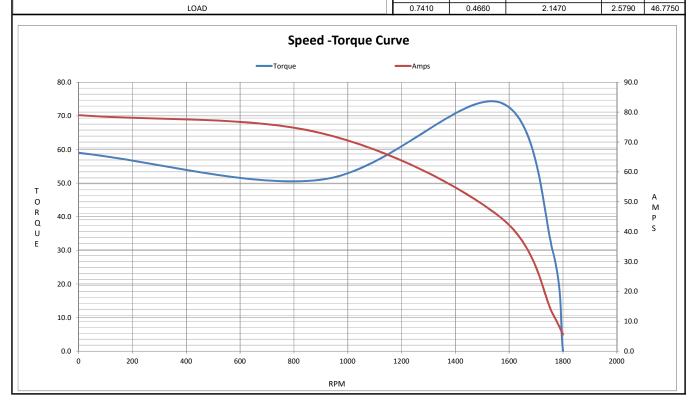


DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIA OUTLINE: WINDING:		EE7308 SS810116 HA313240	13 NONE	2		R		CAT #:	215TTFCD168 E47 F1/F2 CAPABL	79B-P		-
				TY	PICAL I	MOTOR PERFORMA	NCE D	ATA				
HP	ĸw	SYNC RPM	FL R	FL RPM		FRAME	ENCLOSURE		TYPE	KVA CODE		DESIGN
10	7.5	1800	176	1762 215T		215T	TEFC		TFC	н		В
PH 3	HZ 60	230/460		AMPS START TYPE 25/12.5 LINE OR INVERTER		DUTY CONT		INSL H	S.F. 1.15	40 40	3300	
	F.L. EFF	91.7	3/4 LD EFF	91.6		1/2 LD EFF	90.8	GTD EFF	1	ELECT. T	/PE	
	F.L. PF	81.3	3/4 LD PF	76.6		1/2 LD PF	66.0	91.0		SQ CAGE INV	RATED	
F.L. T	ORQUE	LR AMF	PS	L.R. TORQUE			B.D. TORQ	B.D. TORQUE		F.L. RISE (° C)		
29.8	LB-FT	79.0)	59.0	LB-FT	198%	74.0	LB-FT	248%	60		
SOUND P	RESSURE	SOUND 71 dBA	1.10	R WK ² LB-FT ²	85	MAX. LOAD WK ² LB-FT ²	SAFE S	STALL TIME SEC.		S/HOUR 2		ROX.
	'		' ,		*** CUD	DI EMENTAL INCORMA	TION ***					
DE BRACKET TYPE		ODE BRACKET			*** SUPPLEMENTAL INFORMA OTOR ITATION SEVERE DUTY		HAZARDOUS LOCATION		DRIP COVER	SCREENS	EENS PAINT	
STANDARD					IORIZONTAL PREMIUM SEVERE DUTY		NONE		NO NONE		BLUE (EPOXY)	
BEAI DE	RINGS	GREASE	SHAFT	TYPE		SPECIAL DE	SPEC	CIAL ODE	SHAFT	MATERIAL	FRAME N	MATERIAL
BALL 6308	BALL 6208	POLYREX EM	Т	T NO		NONE	NONE		1045 HOT ROLLED (C-204)		CAST IRON	
THERM	OSTATS	PROTECTORS	WDG F	RTD's		BRG RTD's	THER	MISTORS	CON	ITROL		ACE TERS
NC	ONE	NOT	NON	NE		NONE	NONE		FALSE		NA	
R1 (ohms/ph) R2 (ohms/ph) 0.741 0.466		X1 (ohn			Xm (ohms/ph) VIBRA 46.775			_ ' '		OAT		
0.741						'	If Inverter equals NONE, contact factory for further information INVERTER TORQUE: CONSTANT 10:1/VARIABLE 10:1 INV. HP SPEED RANGE: NONE					
E S *							ENCODER: NONE NONE			NONE	PPR	
FORM: 35	DATE: 531 REV_4 to change wi							BRAKE: N FT-LB: VOLTAGE:	ANC 1	NON NA ANC	E	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: 215TTFCD16847

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

Catalog No : E479B-P

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:

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Authorized Representative in the Community:

J. cerse

Julian Clark Marketing Engineer