PRODUCT INFORMATION PACKET



Model No: 284TTFCD6576
Catalog No: E638A

XRI®-SD Severe Duty Motor, 15 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 284T Frame, TEFC



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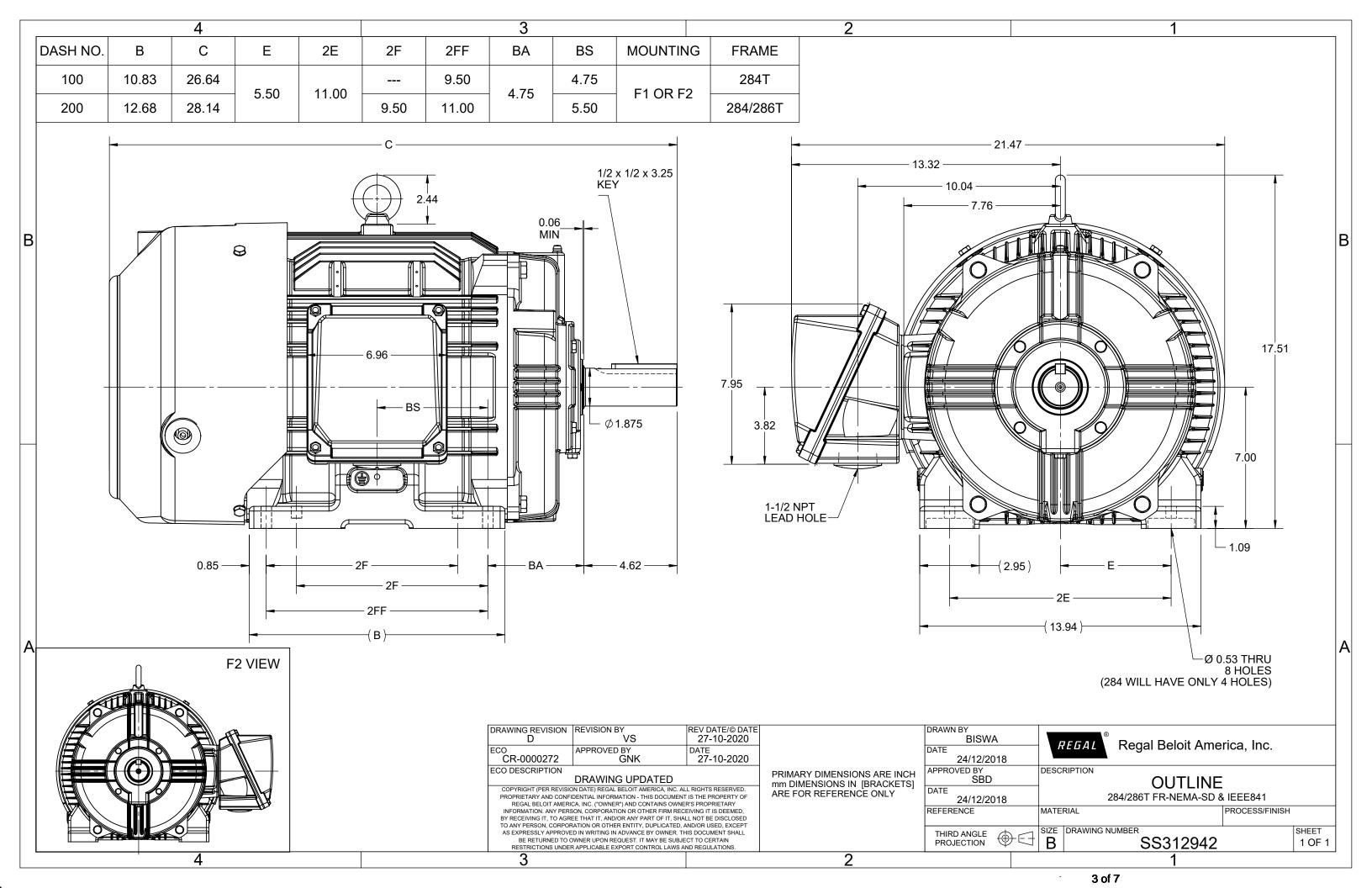
Nameplate Specifications

Phase	3	Output HP	15 Hp
Output KW	11.2 kW	Voltage	460 V
Speed	1182 rpm	Service Factor	1.15
Frame	284T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	20.0 A	Power Factor	77.5
Duty	Continuous	Insulation Class	н
Design Code	В	KVA Code	G
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6211
UL	Listed	CSA	Υ
CE	Υ	IP Code	55
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	.7445 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	1.875 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1/VARIABLE 20:1
Connection Drawing	EE7300	Outline Drawing	SS312942-100

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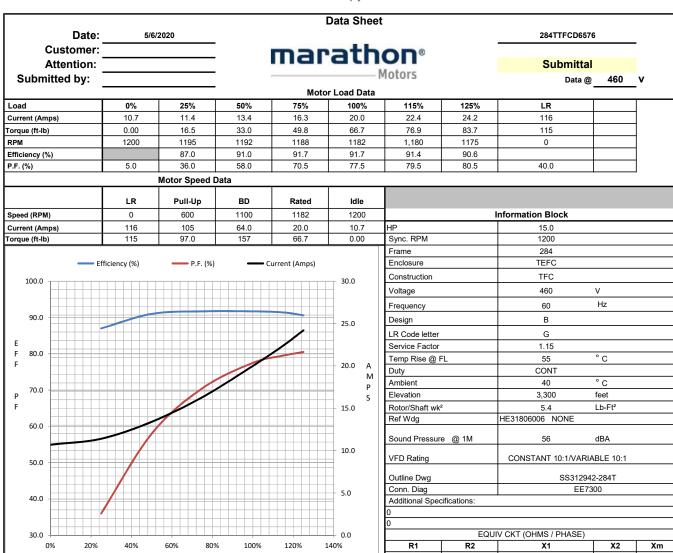


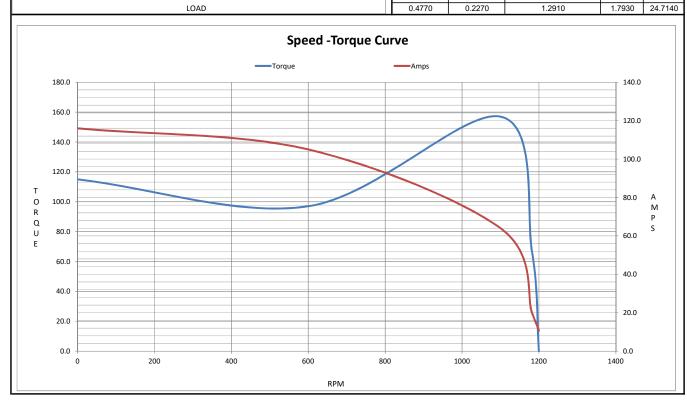


DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DI OUTLINE: WINDING:	:	EE7300 SS312942-284T HE31806006	NONE	4		R		CAT #:	284TTFCD657 E6 F1/F2 CAPABL	638A		
		1	I	TY	PICAL I	MOTOR PERFORMA	NCE D	ATA				
HP	кw	SYNC RPM	FL RPM		FRAME		ENCLOSURE		TYPE KVA CO		DE	DESIGN
15	11.2	1200	1182			284T	TEFC		TFC	G		В
PH 3	HZ	VOLTS 460	AMPS 20		START TYPE LINE OR INVERTER		DUTY		INSL H	S.F. 1.15	40 AMB (° C)	3300
3	60	460				INE OR INVERTER		JUNI	П	1.15	40	3300
	F.L. EFF	91.7	3/4 LD EFF	91.7		1/2 LD EFF	91.0	GTD EFF		ELECT. TY		
	F.L. PF	77.5	3/4 LD PF	70.5		1/2 LD PF	58.0	91.0		SQ CAGE INV	RATED	
F.L. T	ORQUE	LR AMPS			L.R	. TORQUE		B.D. TORQ	UE	F.L. RISE	(°C)	
	LB-FT	116		115	LB-FT	172%	157	LB-FT	235%	55		
SOUND F	PRESSURE	SOUND	ROTOR	WK ²		MAX. LOAD WK ²	SAFE S	TALL TIME	START	S/HOUR	AP	ROX.
56	dBA	65 dBA		LB-FT ²		LB-FT ²	20	SEC.	2		428	LB.
DE BRACKET TYPE		ODE BRACKET MOUNT TYPE TYPE		*** SUPPLEMENTAL INFORMA MOTOR ORIENTATION SEVERE DUTY		HAZARDOUS LOCATION		DRIP COVER SCREENS		PAINT		
STAN	NDARD	STANDARD	RIGID	HORIZ	ONTAL	PREMIUM SEVERE DUTY	DIVIS	ION 2 T2B	NO	NONE	BLUE	(EPOXY)
	RINGS	GREASE SHA		TYPE SPECIAL DE		SPECIAL ODE		SHAFT MATERIAL		FRAME MATERIAL		
BALL 6311	BALL 6211	POLYREX EM	Т		NONE		N	NONE 1144 STRES		SPROOF (C-223) CAS		ΓIRON
		PROTECTORS	WDG R			BRG RTD's	THERMISTORS		CONTROL FALSE		SPACE HEATERS	
NO	ONE	NOT	NON	IE.		NONE	N	IONE	FA	LSE		NA
		R2 (ohms/ph) 0.227	X1 (ohm				ohms/ph)				OAT	
0.477												
	531 REV_4 to change v	2/27/06 vithout notice.						. OLIAGE.	140	J., 12		112







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: 284TTFCD6576

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

Catalog No : E638A

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. cerse

Michael A. Logsdon Vice President, Technology

Julian Clark Marketing Engineer

Created on 09/01/2022

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