PRODUCT INFORMATION PACKET



Model No: 256TTFCD6528 Catalog No: E674A

XRI®-SD Severe Duty Motor, 20 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 256T Frame, TEFC



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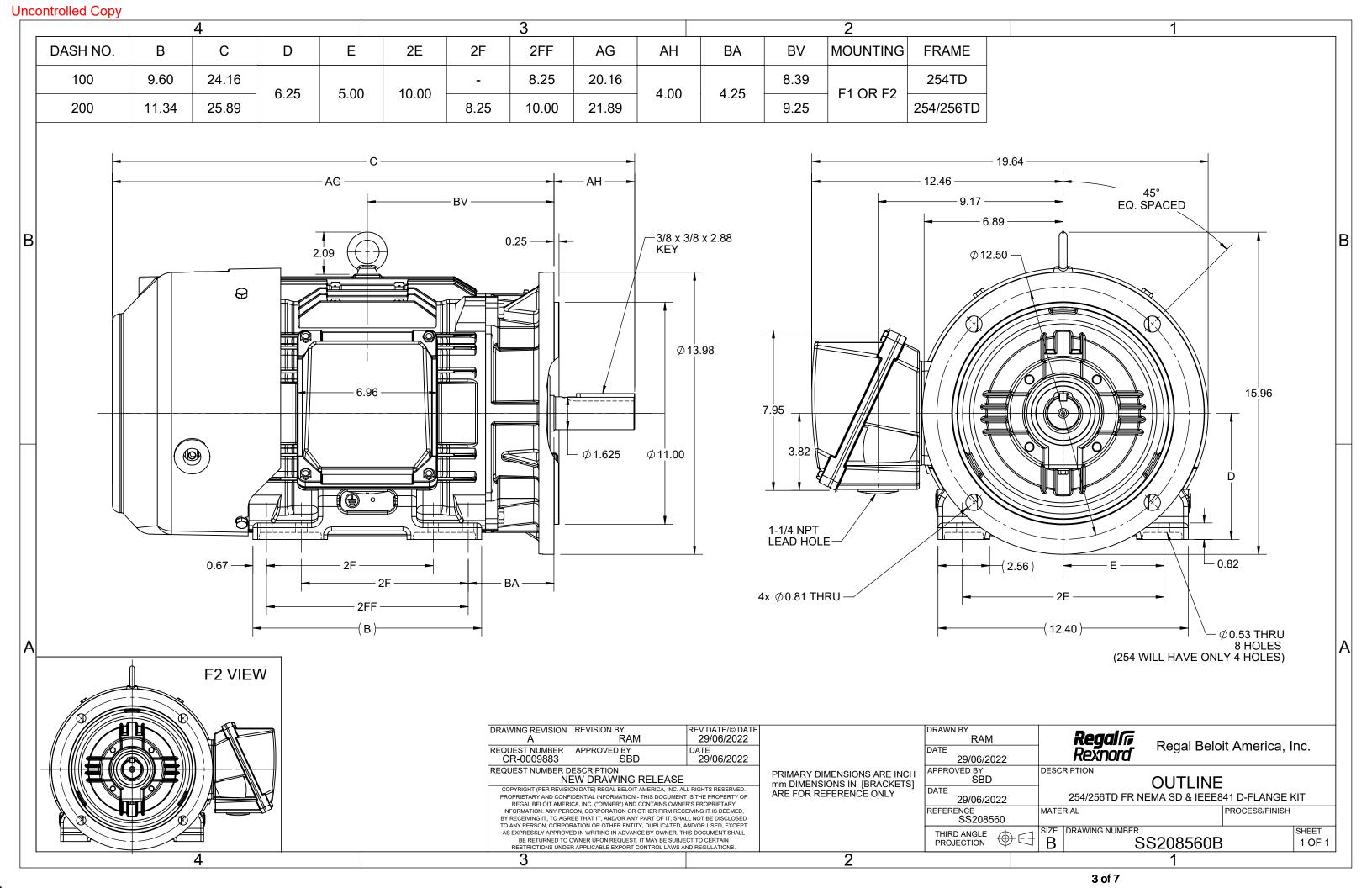
Nameplate Specifications

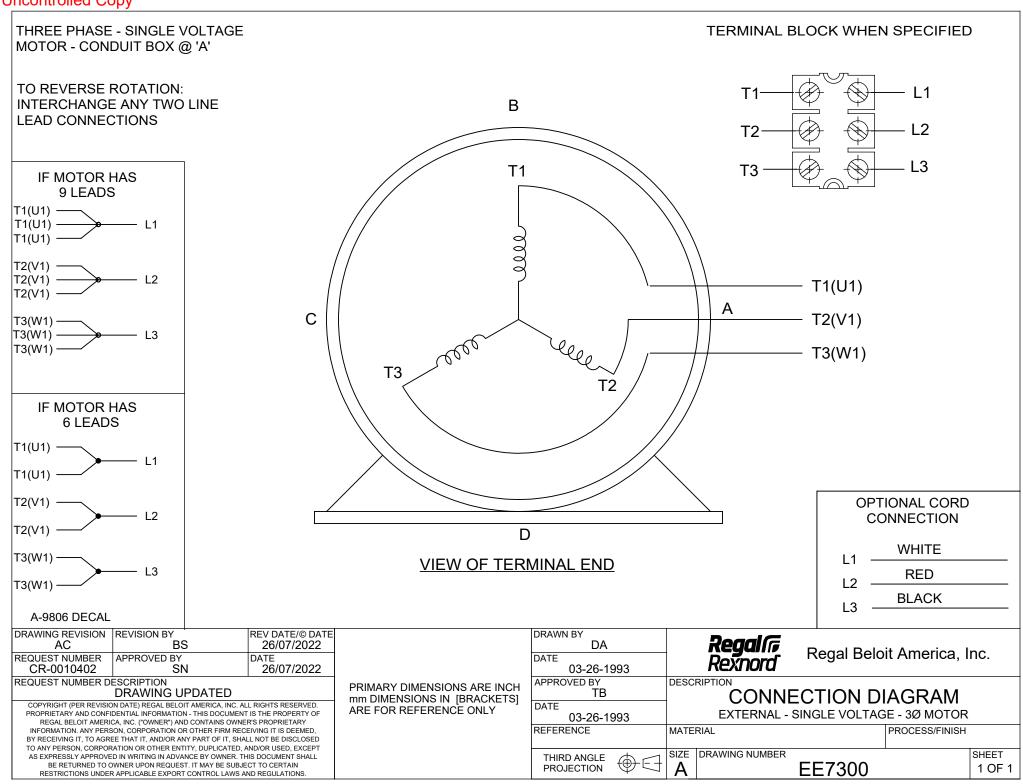
Phase	3	Output HP	20 Hp
Output KW	14.9 kW	Voltage	575 V
Speed	1768 rpm	Service Factor	1.15
Frame	256T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	19.4 A	Power Factor	83.5
Duty	Continuous	Insulation Class	Н
Design Code	В	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209
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	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 20:1
Outline Drawing	SS208560-200	Connection Drawing	EE7300

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DATA VOLTS: 575

CERTIFICATION DATA SHEET

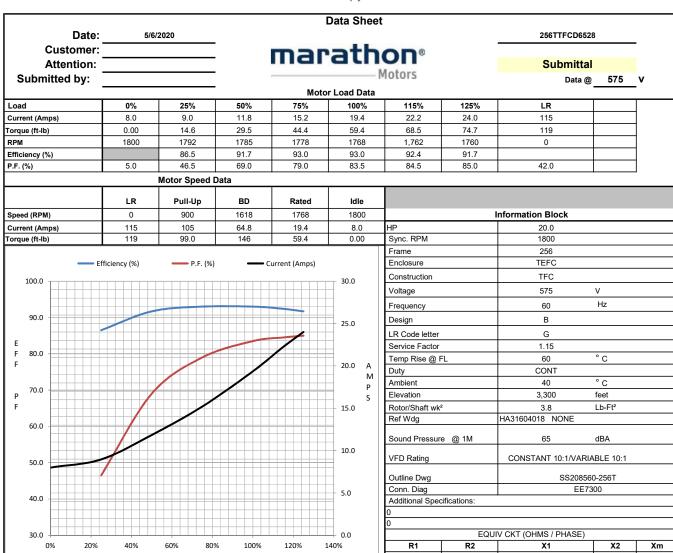
 REFERENCE MODEL #:
 256TTFCD6528

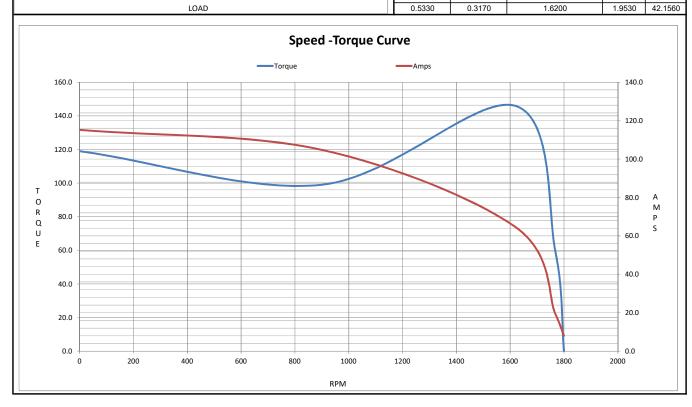
 CAT #:
 E674A

CONN. DIAGRAM: EE7300 OUTLINE: SS208560-256T

OUTLINE WINDING		SS208560 HA	-256T A31604018	NONE	3	MOUNTING: F1/F2 CAPABLE							
					TY	PICAL I	MOTOR PERFORMA	NCE D	ΔΤΔ				
HP	KW	SYNC	RPM	FL RI	PM		FRAME		LOSURE	TYPE	TYPE KVA CO		DESIGN
20	14.9	18	800	176	8	256T		TEFC		TFC	G		В
PH	HZ	VO	LTS	AMP	s	START TYPE		DUTY		INSL	S.F.	AMB (° C)	ELEV. (Ft)
3	60	5	75	19.4	4	L	LINE OR INVERTER	С	ONT	H 1.15		40	3300
	F.L. EFF	93.0		3/4 LD EFF	93.0		1/2 LD EFF	91.7	GTD EFF		ELECT. TY	'DE	
	F.L. PF	83.5		3/4 LD EFF	79.0		1/2 LD EFF	69.0	92.4		SQ CAGE INV		
	1												
F.L. T	F.L. TORQUE LR AMPS		LR AMPS	L.R. TORQUE		R. TORQUE	B.D. TORQUE		UE	F.L. RISE	(° C)		
59.4	LB-FT		115		119	LB-FT	200%	146	LB-FT	246%	60		
SOUND F	PRESSURE	SOL	IND	ROTOR	WK ²		MAX. LOAD WK ²	SAFF S	TALL TIME	START	S/HOUR	ΔΡΕ	ROX.
65	dBA	74	dBA		LB-FT ²	125	LB-FT ²	20	SEC.		2	344 LB.	
				,		*** \$110	PPLEMENTAL INFORMA	TION ***		•			•
	ODE BRACKET		MOUNT	INT MOTOR			HAZARDOUS		DRIP COVER SCREENS				
	NDARD		PE DARD	TYPE RIGID		ONTAL	PREMIUM SEVERE DUTY	LOCATION DIVISION 2 T2B		NO NO	NONE	PAINT BLUE (EPOXY)	
OTA	NDAIND	OTAN	DAILD	INIOID	HONZ	ONTAL	T INCIVITORY OF VERYE DOTT	DIVIO	ON Z 1ZB	NO	NONE	DLOL (LI OXI)
BEARINGS GREASE		SHAFT	HAFT TYPE SPECIAL		SPECIAL DE	PECIAL DE SPECIAL ODE		SHAFT MATERIAL		FRAME MATERIAL			
DE	ODE	OIL		SHALLITE			OF EGIAL DE		JIAL ODL	OHA!	MATERIAL	TTO-UNIE II	"AI LINAL
BALL 6309	BALL 6209	POLYF	YREX EM T		NONE		NONE		1045 HOT ROLLED (C-204)		CAST IRON		
0309	0209												
													ACE
THERMOSTATS		PROTECTORS WDG F				THERMISTORS		CONTROL		HEATERS			
N	ONE	N	DT	NON	IE		NONE	N	IONE	FA	LSE	NA	
R1 (ol	hms/ph)	R2 (oh	ms/ph)	X1 (ohm	ıs/ph)		X2 (ohms/ph)	Xm (d	ohms/ph)	VIBRATION	ON (in/sec)		
0.83		0.495		2.531			3.0515625		.86875		080		

*		If Inverter equals NONE, con	tact factory for furthe	r information	on		
N		INVERTER TORQUE: CONSTANT 10:1/VARIABLE 10:1					
0		INV. HP SPEED	RANGE: NONE				
Т							
E		ENCODER: NO	NE				
s		NONE					
*		NONE			NONE	PPR	
		BRAKE: NO	NE				
PREP	ARED BY:	NONE		NONE			
	DATE: 5/13/2020	FT-LB:	NA				
		VOLTAGE:	NONE			HZ:	
FORM: 35	531 REV_4 2/27/06						
** Subject	to change without notice.						







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: 256TTFCD6528

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

Catalog No : E674A

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. cers

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

Julian Clark Marketing Engineer

(€ 22