PRODUCT INFORMATION PACKET

Model No: 286TTFCD6580
Catalog No: E695A
Severe Duty Motors, TEFC, 20 HP, 3 Ph, 60 Hz, 575 V, 1180 RPM, 286T Frame



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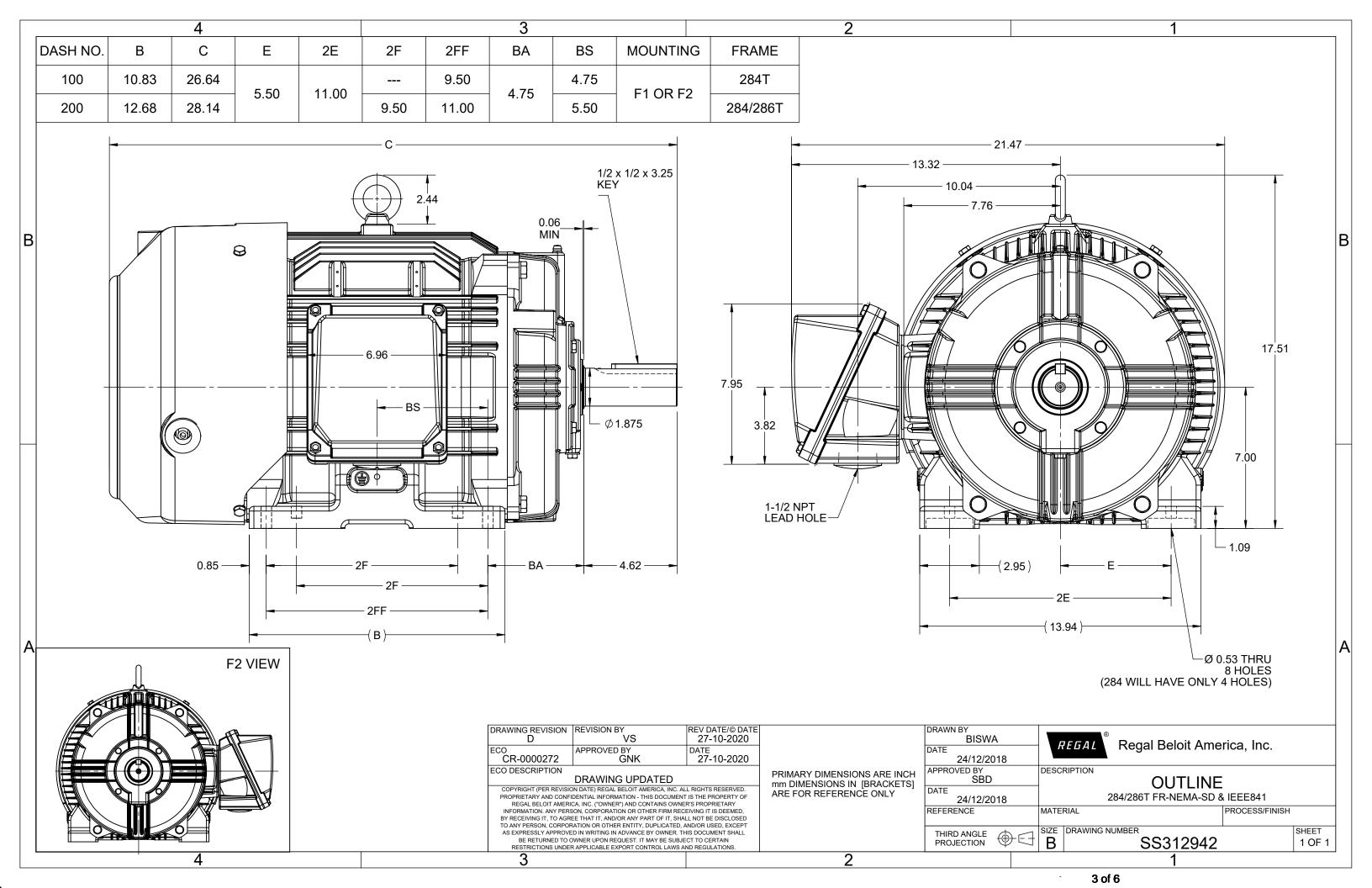
Nameplate Specifications

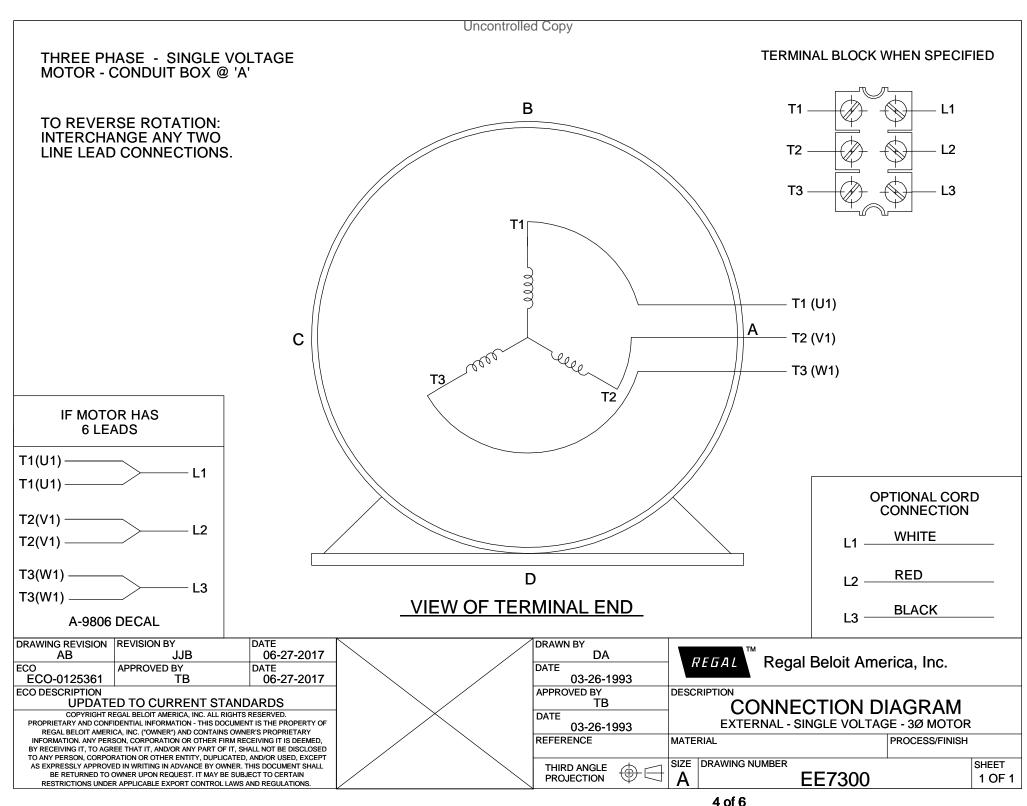
20 Hp	Output KW	14.9 kW		
60 Hz	Voltage	575 V		
20.8 A	Speed	1180 rpm		
1.15	Phase	3		
91.7 %	Power Factor	79 H		
Continuous	Insulation Class			
В	KVA Code	G		
286T	Enclosure	Totally Enclosed Fan Cooled		
No Protection	Ambient Temperature	40 °C		
6311	Opp Drive End Bearing Size	6211		
Listed	CSA	Υ		
Υ	IP Code	55		
DIVISION 2 T2B	Number of Speeds	1		
	60 Hz 20.8 A 1.15 91.7 % Continuous B 286T No Protection 6311 Listed Y	60 Hz 20.8 A Speed 1.15 Phase 91.7 % Power Factor Continuous Insulation Class B KVA Code 286T Enclosure No Protection Ambient Temperature 6311 Opp Drive End Bearing Size Listed CSA Y IP Code		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter			
Poles	6	Rotation	Selective Clockwise			
Resistance Main	.5617 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 10:1			
Connection Drawing	EE7300	Outline Drawing	SS312942-200			

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DATA VOLTS: 575

CERTIFICATION DATA SHEET

REFERENCE MODEL #: 286TTFCD6580

							R	REFERENC	E MODEL #:	286TTFCD658	0		_
	N. DIAGRAM: EE7300						CAT #: E695A						
OUTLINE:		SS312942	-286T										
VINDING:	!	HE	31806005	NONE	3				MOUNTING:	F1/F2 CAPABI	.E		
					TY	PICAL I	MOTOR PERFORMA	NCE D	ATA				
HP	кw	SYNC	RPM	FL R	РМ		FRAME	ENCLOSURE		TYPE	TYPE KVA COL		DESIGN
20	14.9	12	00	118	30		286T		EFC	TFC	G		В
PH	HZ	VOI	LTS	AMPS			START TYPE	DUTY		INSL	S.F.	S.F. AMB (° C) E	
3	60			20.8		LINE OR INVERTER		CONT		Н	1.15	40	3300
	F.L. EFF	91.7		3/4 LD EFF	91.7		1/2 LD EFF	91.0	GTD EFF		ELECT. T	/PF	
	F.L. PF	79.0		3/4 LD PF	73.0		1/2 LD PF	61.0	91.0		SQ CAGE INV		
									•				
	ORQUE		LR AMPS		450		. TORQUE	100	B.D. TORQ		F.L. RISE	(° C)	
89.0	LB-FT		116		152	LB-FT	171%	199	LB-FT	224%	65		
SOUND P	RESSURE	sou	JND	ROTOR	R WK²		MAX. LOAD WK ²	SAFE S	TALL TIME	STARTS/HOUR		API	ROX.
56	dBA	65	dBA	6.5	LB-FT ²	250	LB-FT ²	20	SEC.		2	450	LB.
				`		*** SUP	PLEMENTAL INFORMA	TION ***	•				
ODE BRACKET MOUNT MOTOR					HAZARDOUS								
DE BRACKET TYPE STANDARD		TY STAN		TYPE RIGID		TATION	SEVERE DUTY		CATION	DRIP COVER	SCREENS	PAINT BLUE (EPOXY)	
STAN	NDARD	STAN	DARD	RIGID	HURIZ	ZONTAL	PREMIUM SEVERE DUTY	DIVIS	ON 2 T2B	NO	NONE	BLUE (EPOXY)
BEA	RINGS	GRE	ASE	SHAFT	TYPE		SPECIAL DE	SPEC	IAL ODE	SHAFT	MATERIAL	FRAME N	MATERIAL
DE	ODE	GREAGE				THE GLEGAL BE		0. 200.202					
6311	6211	POLYR	EX EM	Т Т			NONE	NONE		1045 HOT ROLLED (C-204)		CAST IRON	
THERMOSTATS PROTECTORS		CTORE	WDG F	TD's	BRG RTD's		THERMISTORS		CONTROL		SPACE HEATERS		
	ONE	NO		NON			NONE	THERMISTORS NONE		FALSE		NA NA	
						1	-			1			
R1 (ohms/ph)		R2 (oh		X1 (ohn			X2 (ohms/ph)	Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT	
0.90	78125	0.44	6875	2.4234	1375		3.6015625	49.8	3234375	0.	080	0	DE
*								If Inverter	eguals NONE	. contact factory	for further inforn	nation	
N											CONSTANT 10:		Ξ 10:1
0									INV. HP SF	PEED RANGE:	NONE		
T													
E									ENCODER:	NONE			
s									NONE				
*									NONE			NONE	PPR
									BRAKE:				
PREP	ARED BY:	E/40/	2020							ONE	NON	E.	
	DATE:	5/13/	2020						FT-LB:		AV		
EODM: 01	24 DEV.	0/07/00							VOLTAGE:	N	ONE		HZ
	531 REV_4		•										
Subject	to change w	iliout notic	e.										

