PRODUCT INFORMATION PACKET

Model No: 215THFCD9040
Catalog No: W039-P
Severe Duty Motors, TEFC, 10 HP, 3 Ph, 60 Hz, 460 V, 1762 RPM, 215TCV Frame



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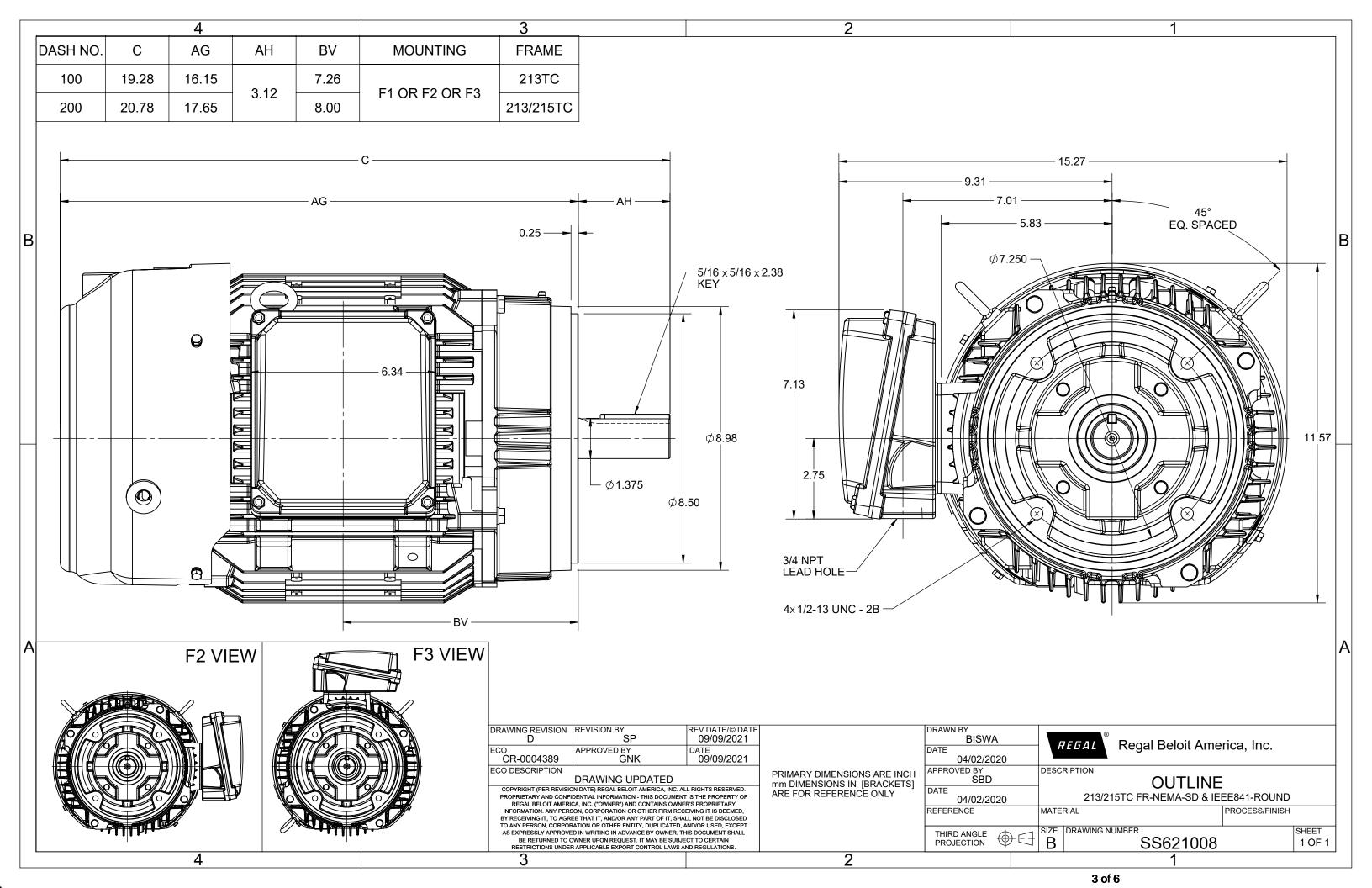
Nameplate Specifications

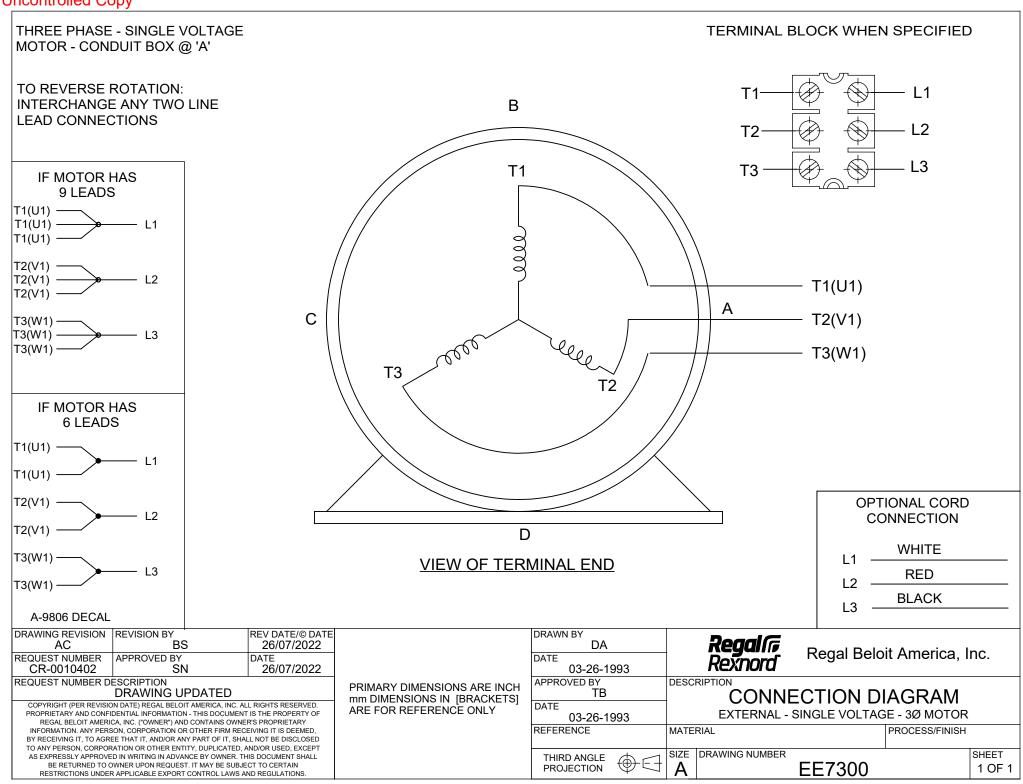
Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	460 V
Current	12.5 A	Speed	1762 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Power Factor	81.3
Duty	Continuous	Insulation Class	Н
Design Code	В	KVA Code	Н
Frame	215TCV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Υ
CE	Υ	IP Code	56
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	Round		
Motor Orientation	Horizontal Or Shaft Down	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	e Drawing \$\$621008-200		EE7300		

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ALC:					P.O. BOX 8003							
marathon [®]						WAUSAU, WI 54401-8003 PH. 715-675-3311						
						Motors		DAT	A VOLTS:	460		
CERTIFICATION DATA SHEET												
сиѕтом	CUSTOMER:					CUSTO	MER P.O. #:					
ORDER #:		E57000						EFERENCE MODEL #: 215THFCD9040				
CONN. DIAGRAM: OUTLINE:		EE7300 SS621008-215TC				CAT #: CUSTOMER PART #:						
WINDING SPEED:	i:	HA31324013	R1	1				MOUNTING:	F1/F2 CAF	PABLE		
		-		Т	YPICAL	MOTOR PERFORMA	NCE D	ATA				
НР	кw	SYNC RPM	FL	RPM		FRAME	ENCLOSURE		TYPE	KVA CODE		DESIGN
10	7.5	1800	1	762		215TCV	TEFC		TFC	Н		В
		VOLTS		MPS		START TYPE	DUTY		INSL	0.5	AMB	ELEV.
PH 3	HZ 60	460		2.5		LINE OR INVERTER		CONT	H	S.F. 1.15	40	3300
	F.L. EFF	917	3/4 LD EFF	91.8		1/2 LD EFF	90.8	GTD EFF		ELECT. TYPE		
	F.L. PF		3/4 LD PF	76.6		1/2 LD PF	66.0	91.0		SQ CAGE I		
F.L. TORQUE		LR AMPS @	460 V	L.R. TORQUE		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	PRESSURE @ 3										1	
FT. 62 dBA		SOUND POWER 71 dBA		LB-FT ²	85	MAX. LOAD WK ² LB-FT ²	SAFE S	SEC.		STARTS/HOUR APROX. 2 210		MOTOR WGT
									210	LD.		
		I	MOUNT		*** SL	PPLEMENTAL INFORMA		ARDOUS	DRIP		1	
	C-FACE	ODE BRACKET TYPE STANDARD	TYPE ROUND	MOTOR ORIE				ONE	COVER SCREENS		PAINT BLUE - RAL 5003 (EPOXY)	
		STANDARD	ROUND	SHAFIL	OWN	PREMIUM SEVERE DUTY	P	IONE	YES	NONE	BLUE	- RAL 5003 (EPOXY)
DE	BEARINGS ODE	GREASE SF		FT TYPE SPECIAL DE		SPEC	CIAL ODE	SHA	AFT MATERIAL	FRAME MATERIAL		
BALL 6309	BALL 6208	POLYREX EM		Т	NONE		١	IONE	1045 HOT ROLLED (C-204)		CASTIRON	
											004	
THE	RMOSTATS	PROTECTORS		RTD's				MISTORS	CONTROL		SPAC	NA NA
	NONE	NOT	l N	ONE NONE		P	IONE	FALSE				
R1	0.741	R2 (ohms/ph) 0.466		hms/ph) .147				ohms/ph) 6.775	VIBRATION (in/sec) 0.080		FLOAT ODE	
		1	_		-							
N N	· N						INVERTER TORQUE: CONSTANT 10:1/VARIABLE 10:1					
0 T						INV. HP SPEED RANGE: NONE						
E							ENCODER: NONE					
S .					NONE NONE PPR					PPR		
								BRAKE:				
	PREPARED BY:					NONE NONE FT-LB: NA						
					VOLTAGE: NONE HZ:							
FORM: 3531 REV_4 2/27/06					UL: V - LI,ME-INS,CONST UL REC							

