PRODUCT INFORMATION PACKET

Model No: 445THFCD19070
Catalog No: W618A-P
Severe Duty Motors, TEFC, 200 HP, 3 Ph, 60 Hz, 460 V, 1790 RPM, 445T Frame



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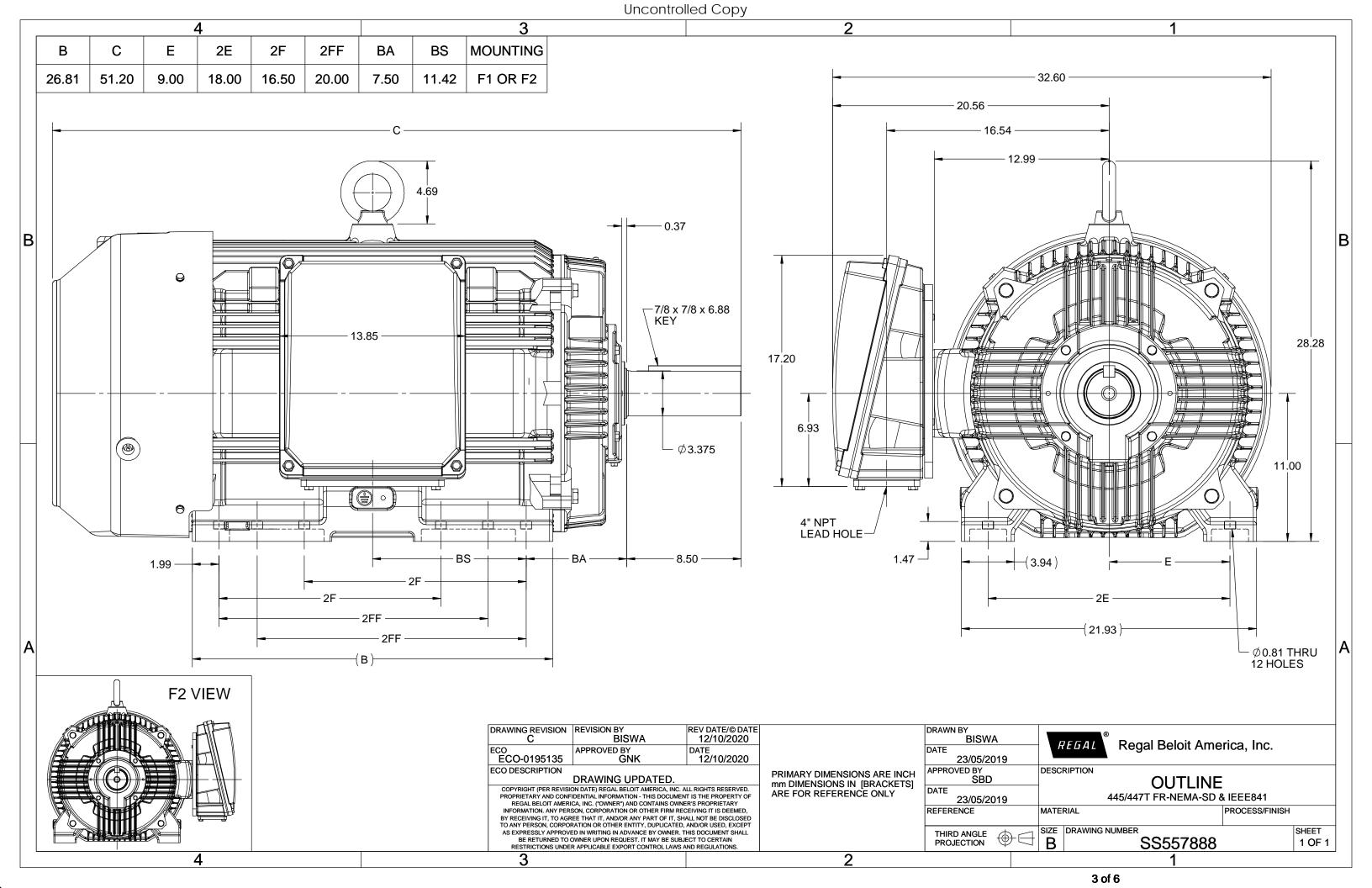
Nameplate Specifications

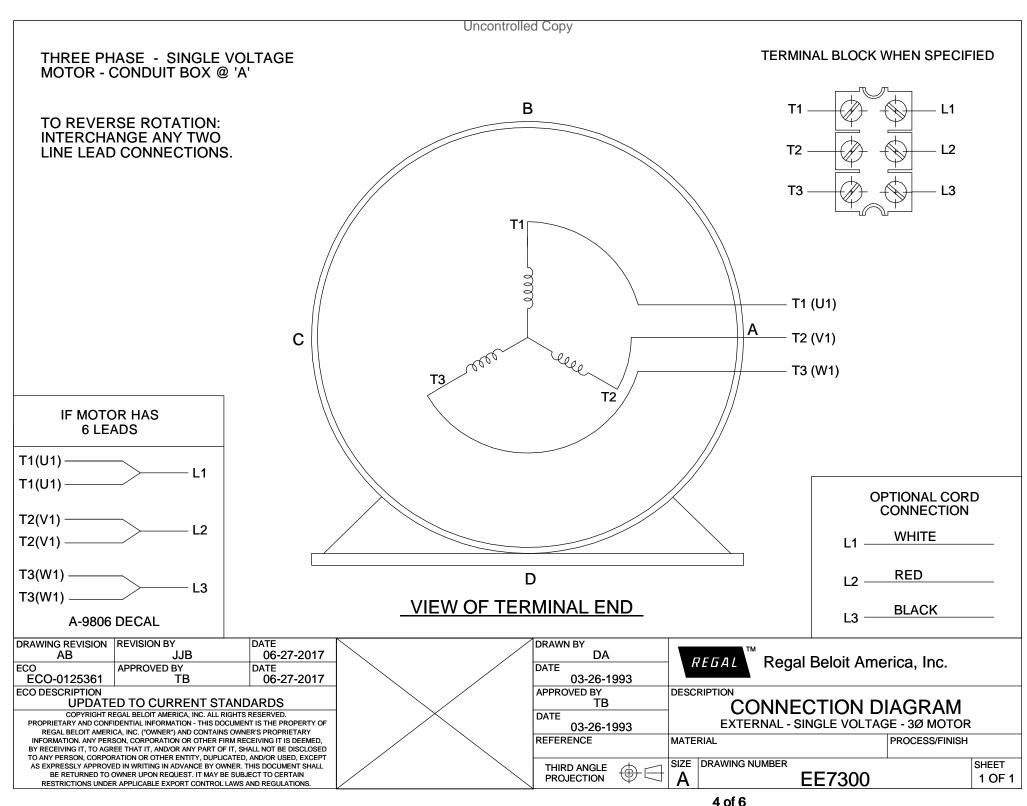
Output HP	200 Hp	Output KW	149.0 kW
Frequency	60 Hz	Voltage	460 V
Current	219.0 A	Speed	1790 rpm
Service Factor	1.15	Phase	3
Efficiency	96.5 %	Power Factor	89
Duty	Continuous	Insulation Class	Н
Design Code	В	KVA Code	G
Frame	445T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	NU319	Opp Drive End Bearing Size	6317
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	.0184 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Shaft Diameter	3.375 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1/VARIABLE 10:1
Connection Drawing	EE7300	Outline Drawing	SS557888

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											DATA VOLTS:	460		
						CER	TIFICATION DATA S	HEET						
CONN. DI. DUTLINE: WINDING:		EE7300 SS557888 HA	32804009	NONE	5	(DICAL	R MOTOR PERFORMA		CAT #:	445THFCD190 W6: F1/F2 CAPABL	18A-P		-	
						PICAL								
HP KW 200 149			SYNC RPM FL RI 1800 179				TEFC		TYPE TFC	KVA CODE G		DESIG		
PH	HZ	VOL		AMP		START TYPE		DUTY		INSL	S.F.	AMB (° C)		
3	60	46	50	219	,		LINE OR INVERTER		ONT	Н	1.15	40	3300	
F.L. EFF F.L. PF	96.2 89.0		3/4 LD EFF 3/4 LD PF		1/2 LD EFF 1/2 LD PF			GTD EFF 95.8		ELECT. T' SQ CAGE INV				
						-								
	ORQUE		LR AMPS				R. TORQUE		B.D. TORQ		F.L. RISE	(° C)		
587	LB-FT		1,450		1,256	LB-FT	214%	1,656	LB-FT	282%	60			
SOUND F	RESSURE	SOL	JND	ROTOR	WK²	1	MAX. LOAD WK ²	SAFE S	TALL TIME	START	S/HOUR	APF	ROX.	
80	dBA		dBA		LB-FT ²	1300	LB-FT ²	25	SEC.	-	2		LB.	
DE BRACKET TYPE		ODE BR	PE	MOUNT TYPE	ORIEN	TOR ITATION	SEVERE DUTY	HAZA LOC	ARDOUS SATION	DRIP COVER	SCREENS	PAINT BLUE (EPOXY)		
SIAN	NDARD	STAN	DARD	RIGID	HORIZ	ZONTAL	PREMIUM SEVERE DUTY	N	ONE	NO	NONE	BLUE (EPOXY)	
BEA!	RINGS	GREASE		SHAFT '	TYPE	SPECIAL DE		SPECIAL ODE		SHAFT	FT MATERIAL		FRAME MATERIA	
ROLLER NU319	BALL 6317	POLYR	EX EM	T NONE		NONE	NONE 1045 HOT		1045 HOT R	ROLLED (C-204) CAST IROI		IRON		
THERMOSTATS		PROTE	CTORS	WDG R	TD's	BRG RTD's		THERMISTORS CO				ACE TERS		
NONE		NO)T	NON	E	NONE		NONE		FA	FALSE		IA	
R1 (of	nms/ph)	R2 (oh	ms/ph)	X1 (ohm	ıs/ph)	T	X2 (ohms/ph)	Xm (c	hms/ph)	VIBRATIO	ON (in/sec)			
0.012		0.0		0.08		0.185		3.834			.080			
* N O T	N 0					If Inverter	INVERT		for further inform CONSTANT 2:1 NONE		10:1			
						ENCODER: NONE NONE NONE NONE NONE NONE NONE NONE NONE					PPR			
PREPARED BY: DATE: 5/13/2020 FORM: 3531 REV 4 2/27/06							BRAKE:	ANC 1	NON NA ONE		н			

