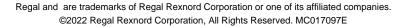
## **PRODUCT INFORMATION PACKET**

Model No: 445TSHFCD9028 Catalog No: W617A Severe Duty Motors, TEFC, 200 HP, 3 Ph, 60 Hz, 460 V, 1790 RPM, 445TS Frame





Product Information Packet: Model No: 445TSHFCD9028, Catalog No:W617A Severe Duty Motors, TEFC, 200 HP, 3 Ph, 60 Hz, 460 V, 1790 RPM, 445TS Frame

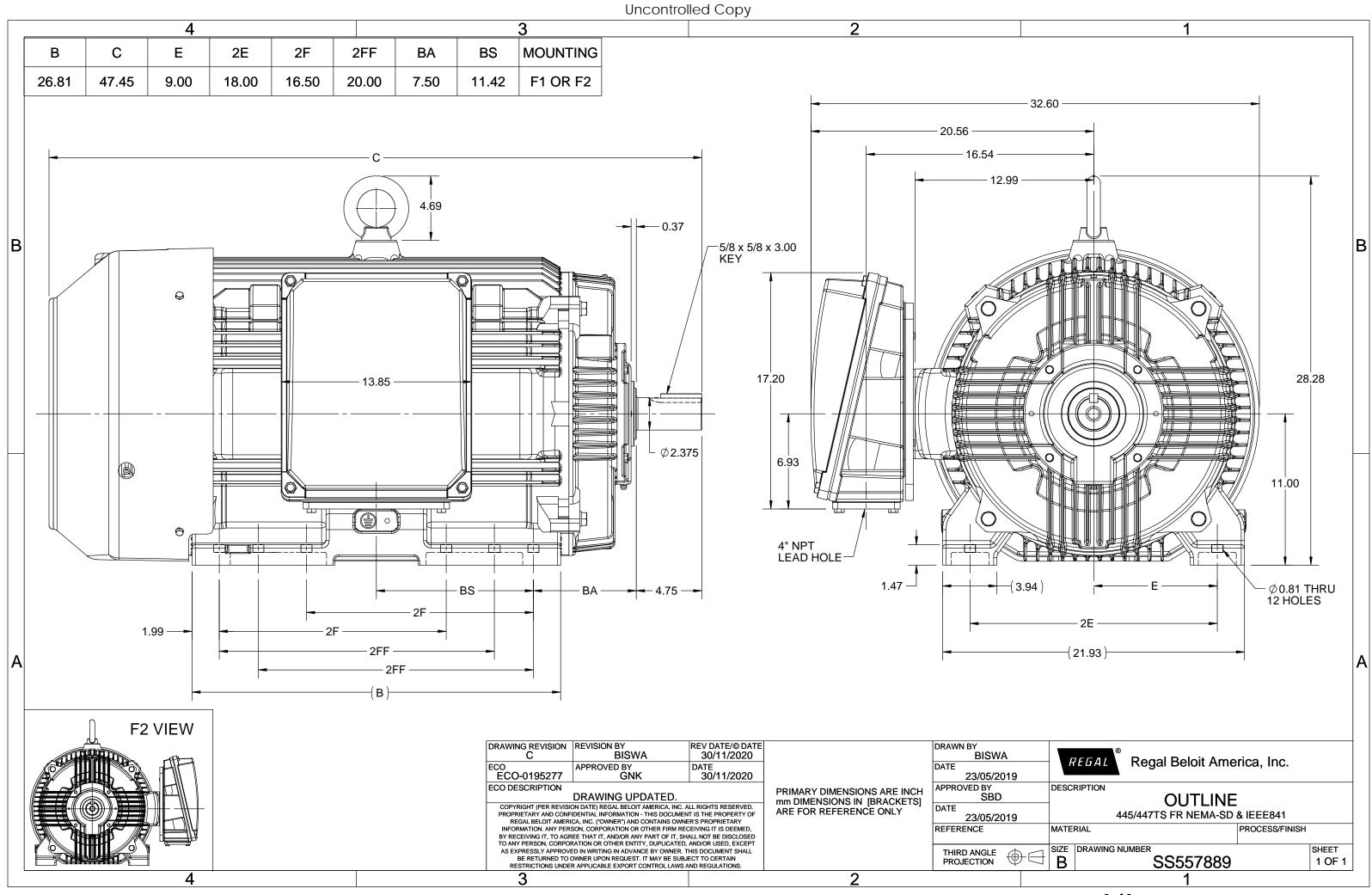
## Nameplate Specifications

Output HP	200 Нр	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	445TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6317
UL	Listed	CSA	Y
CE	Υ	IP Code	56
Hazardous Location	DIVISION 2 T2B	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	Ball		
Opp Drive End Bearing	Ball	Frame Material	Cast Iron		
Shaft Type	TS	Shaft Diameter	2.375 in		
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1/VARIABLE 10:1		
Connection Drawing	EE7300	Outline Drawing	SS557889		

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				Π	na	rathc	otors	D		DATA VOLTS:	460		
						CERTIFICATION DA	TA SHE	ET					
CONN. DI. OUTLINE: WINDING:		EE7300 SS557889 HA32804009	NONE	5	ТУРИ	R		E MODEL #: CAT #: MOUNTING:		W617A			
HP	кw	SYNC RPM	FLR	рм		FRAME			TYPE KVA CODE		<b>-</b>	DESIGN	
											-		
200	149	1800	179	iU	I	445TS	Т Т	EFC	TFC	G		В	
PH	HZ	VOLTS	AMI	PS		START TYPE	0	UTY	INSL	S.F.	AMB(° C)	ELEV.(Ft)	
3	60	460	21		L	INE OR INVERTER	C	ONT	н	1.15	40	3300	
			0/4 L D EEE	00.0			05.4				FOT TYPE		-
	F.L. EFF F.L. PF	96.2 89.0	3/4 LD EFF 3/4 LD PF	96.2 86.5		1/2 LD EFF 1/2 LD PF	95.4 79.5	<b>GTD EFF</b> 95.8			AGE INV RA		
		00.0		00.0			10.0	00.0					
F.L. TORQUE LR AMPS @		@ 460 V		L.R. TORQUE		E	B.D. TORQUE F.L. RISE (		° C)				
587	LB-FT	1,4	50	1,256	LB-FT	214%	1,656	LB-FT	282%	60			-
	RESSURE	SOUND	ROTOR			MAX. LOAD WK <sup>2</sup>	SAFE S	TALL TIME	19	ARTS/HOUR	APROX.	. MOTOR	WGT
80	dBA	89 dBA		LB-FT <sup>2</sup>		LB-FT <sup>2</sup>	25	SEC.	31	2	2231		MGT
						* SUPPLEMENTAL INF							-
		ODE BRACKE			TOR		HAZA	ARDOUS	DRIP				
	KET TYPE	TYPE	TYPE		TATION	SEVERE DUTY		ATION	COVER	SCREENS		PAINT	
STAN	IDARD	STANDARD	RIGID	HORIZ	ZONTAL	PREMIUM SEVERE DUTY	DIVISI	ON 2 T2B	NO	NONE		BLUE (EPOXY)	
BEAI DE	RINGS	GREASE	SHAFT	SHAFT TYPE		SPECIAL DE	SPECIAL ODE		SHAFT	HAFT MATERIAL		FRAME MATERIAL	
BALL 6319	BALL 6317	POLYREX EM	TS	6	NONE		N	ONE	1045 HOT ROLLED (C-204)		CAST IRON		-
THERM	OSTATS	PROTECTOR	S WDG F	RTD's		BRG RTD's	THER	MISTORS		CONTROL	SPA	CE HEATER	3
	DNE	NOT	NON			NONE		ONE		FALSE		NA	
					1						1		
	nms/ph) 012	R2 (ohms/ph) 0.007	X1 (ohn 0.08			X2 (ohms/ph) 0.185		ohms/ph) .834		RATION (in/sec) 0.080			
0.	012	0.007	0.00		I	J. 100	. 3	1.004		0.000	I		
•							If Inverter equals NONE, contact factory for further information INVERTER TORQUE: CONSTANT 2:1/VARIABLE 10:1 INV. HP SPEED RANGE: NONE						
* O T													
N O							<u> </u>	ENCODER: NONE	NONE		NONE	DDD	
N O T E S							<u> </u>	ENCODER: NONE NONE			NONE	PPR	
N O T E S	ARED BY:						<u> </u>	ENCODER: NONE	NONE	NONE	NONE	PPR	
N O T E S	ARED BY: DATE:	6/3/2020					<u> </u>	ENCODER: NONE NONE BRAKE:	NONE	NONE NA NONE	NONE	PPR	



