## PRODUCT INFORMATION PACKET



Model No: 445TSTDCD4008
Catalog No: U1130
250 HP Fire Pump Motor, 3 phase, 3600 RPM, 575 V, 445TS Frame, ODP

Fire Pump Motors



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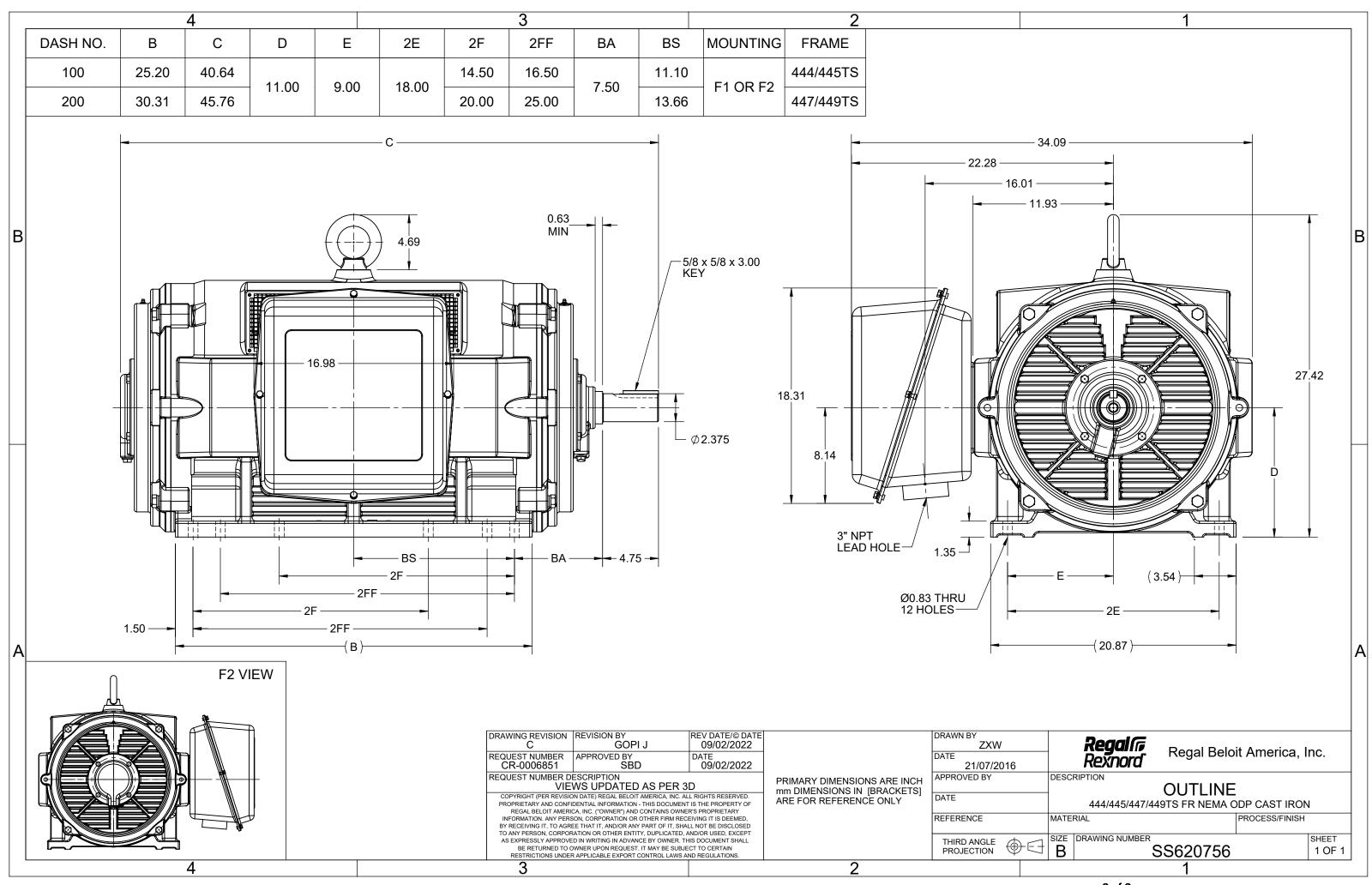
## Nameplate Specifications

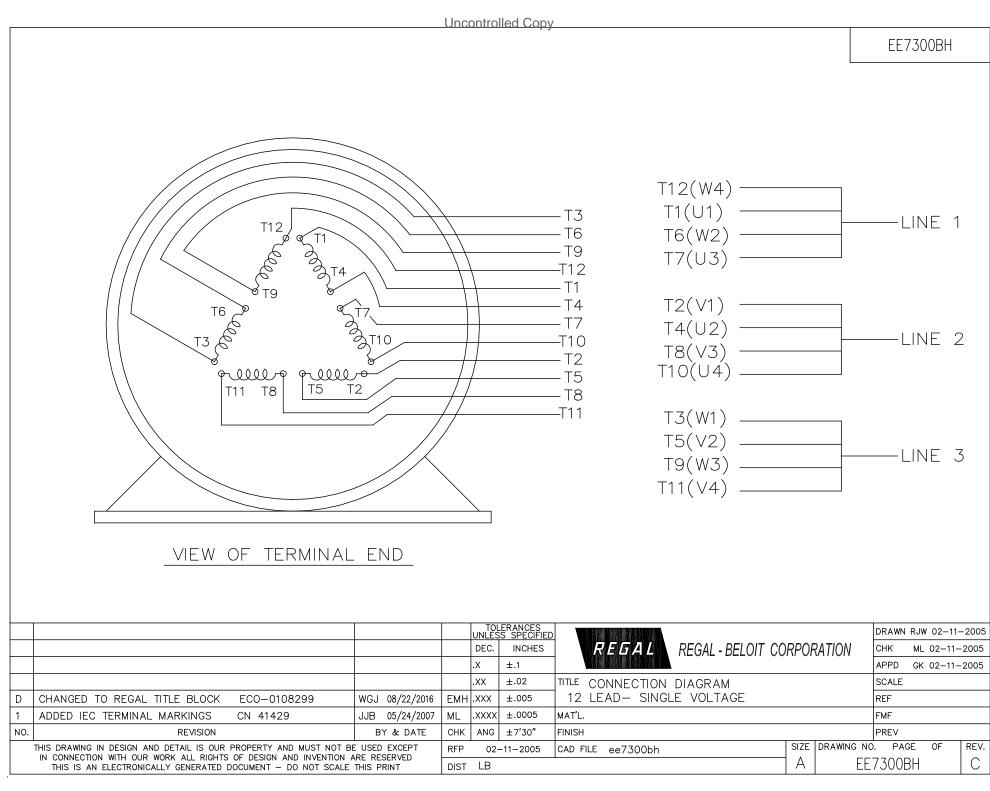
Output HP	250 Hp	Output KW	187.0 kW 575 V 3575 rpm		
Frequency	60 Hz	Voltage			
Current	218.0 A	Speed			
Service Factor	1.15	Phase	3		
Efficiency	94.5 %	Power Factor	89		
Duty	Continuous	Insulation Class	F		
Design Code	В	KVA Code	F		
Frame	445TS	Enclosure	Drip Proof		
Thermal Protection	No	Ambient Temperature	50 °C		
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6314		
UL	Listed	CSA	Υ		
CE	Υ	IP Code	23		
Number of Speeds	1				

## **Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start & Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.032 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	40.83 in
Frame Length	25.98 in	Shaft Diameter	2.375 in
Shaft Extension	4.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS620756-445TS	Connection Drawing	EE7300BH

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(•) maratho				WAUSAU, WI 54401-8003									
									PH. 715-675	-3311			
	electric												
										DATA VOLTS:	460		
				CEI	RTIFICA	TION DA	<b>TA SHE</b>	ET					
CUSTOME	ER:						CUSTO	MER P.O. #:					
ORDER #:						F		E MODEL #:	445TSTDCD	4008			
CONN. DI		EE7300BH				-		CAT #:		J1130		-	
OUTLINE:		SS620756					CUSTON	MER PART #:					
WINDING:		IE3L2802111	NONE	3				MOUNTING:	F1/F2 CAPAI	3I F			
SPEED:		12022002111		Ü					,. 2 0, ,				
O. 222.			т	VDIC AI	MOTO	R PERFO	BMANC	FDATA					
-				ITICAL	. IVIO I O	III LIII O	IIVIAITO	LDAIA	I			1	
HP	KW	SYNC RPM	FL R	РМ	FF	RAME	ENCLOSURE		TYPE KVA COI		DF	DESIGN	
									THE RVAC				
250	187	3600	357	'5	44	45TS		DP	TDC	F		В	
		7								,			
PH	HZ	VOLTS	AMI		START TYPE			UTY	INSL	S.F.	AMB	ELEV.	
3	60	575	21	8	PWS 8	& YDRUN	C	ONT	F	1.15	50	3300	
	F.L. EFF		3/4 LD EFF	94.5		1/2 LD EFF	94.1	GTD EFF	ELECT. TYPE				
	F.L. PF	89.0	3/4 LD PF	88.0		1/2 LD PF	84.0	93.6		SQ CAGE IND	RUN		
F.L. T	ORQUE	LR AMPS @ 460 V		L.R. TORQUE			B.D. TORQUE F.L.		F.L. RISE	SE (°C)			
367	LB-FT	1,340		575	LB-FT	<b>LB-FT</b> 157%		850 <b>LB-FT</b>		50			
@:	3 FT.	POWER	ROTOF	R WK <sup>2</sup>	MAX. LOAD WK <sup>2</sup>		SAFE STALL TIME		STARTS/HOUR		MOTOR WGT		
999	dBA	1008 <b>dBA</b>	0.00	LB-FT <sup>2</sup>	250	LB-FT <sup>2</sup>	20	SEC.		2	0	LB.	
			`					•					
				*** SU	PPLEME	NTAL INFO	RMATIC	N ***					
		ODE BRACKET	MOUNT	_	TOR	SEVERE		ARDOUS	DRIP				
	KET TYPE	TYPE	TYPE		TATION	DUTY		CATION	COVER	SCREENS	PAINT		
STAN	NDARD	STANDARD	RIGID	HORIZ	ONTAL	NO	N	IONE	NO	NONE	RED (E	NAMEL)	
	RINGS	GREASE	SHAFT	TYPF	SPECIAL DE		SPECIAL ODE		SHAFT MATERIAL		FRAME MATERIAL		
DE	ODE	GILLAGE	Ona. I		0. 2.	OIAL DE	SPECIAL ODE		OTAL I MATERIAL		AME MATERIAL		
BALL	BALL BALL POLYREX EM		TS	2	NONE		NONE		1045 HOT ROLLED (C-204)		CAST IRON		
6314	6314	T OLITIEX EW	10	,	14	ONE	NONE		1045 HOT ROLLED (C-204)		CASTINON		
											_	ACE	
THERMOSTATS		PROTECTORS	WDG F	RTD's BRG		RTD's	THERMISTORS		CONTROL		HEATERS		
NONE		NOT	NON	NONE		NONE		NONE		FALSE		NA	
R1 (ohms/ph)		R2 (ohms/ph)	X1 (ohn	ns/ph)	X2 (ohms/ph) Xr		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT		
0.029		0.01	0.10	34	0.176		6.418 0.150		0.150	0	DE		
*										<u> </u>			
N						INVERTER TORQUE: NONE							
0	0						INV. HP SPI	EED RANGE:	NONE				
Т													
E								ENCODER:	NONE				
s							NONE						
*	*						NONE			NONE	PPR		

PREPARED BY: FAREEDA DUDEKULA

8/31/2018

DATE:

FORM: 3531 REV\_4 2/27/06

BRAKE: NONE

FT-LB: VOLTAGE:

UL: NONE

HZ:

NONE

NA NONE

