PRODUCT INFORMATION PACKET

Model No: 445TSTDCD4028 Catalog No: U1437 Fire Pump 200 HP, 3 Phase DP Motors, 1500 RPM, 50HZ 415 V, 445TS Frame, Rigid Base, For use on pumps designed for fire pump duty and installed per NFPA-20 Fire Pump Motors



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marathon®

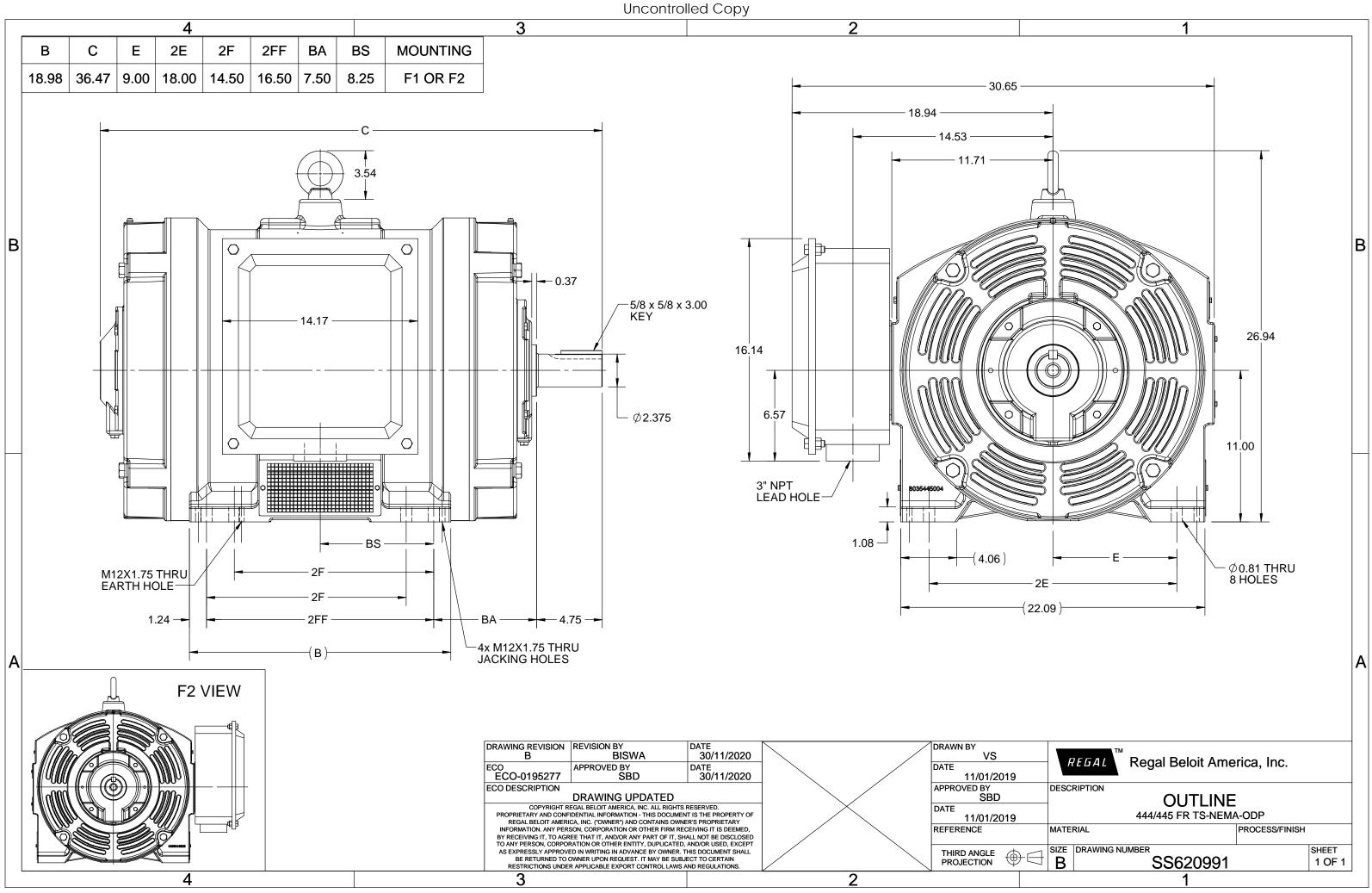
Nameplate Specifications

Output HP	200 Hp	Output KW	149.0 kW
Frequency	50 Hz	Voltage	415 V
Current	249.0 A	Speed	1488 rpm
Service Factor	1.15	Phase	3
Efficiency	94.5 %	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	445TS	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	50 °C
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6317
UL	Listed	CSA	Y
CE	Y	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	4	Rotation	Reversible
Resistance Main	.0325 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		
Outline Drawing	SS620991	Connection Drawing	EE7300BH

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									EE7300BH
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	T12 0 T1 0 T1 0 T9				— T3 — T6 — T9 —T12 — T1	T T	2(W4) — 1(U1) — 6(W2) — 7(U3) —		LINE 1
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	T7 T10 2			— T4 — T7 —T10 — T2 — T5 — T8	Т Т Т1	2(V1) — 4(U2) — 8(V3) — 0(U4) —		——LINE 2
					——T11	Т Т	3(W1) — 5(V2) — 9(W3) — 1(V4) —		——LINE 3
	VIEW OF TERMINAL	END_							
				TOLERANCE UNLESS SPECI DEC. INCHE	S FIED IS	REGAL	REGAL - BELOIT	CORPORATION	DRAWN RJW 02-11-2005 CHK ML 02-11-2005
				.X ±.1 .XX ±.02					APPD GK 02-11-2005 SCALE
D	CHANGED TO REGAL TITLE BLOCK ECO-0108299	WGJ 08/22/2016	ЕМН	.XXX ±.005			E VOLTAGE		REF
1	ADDED IEC TERMINAL MARKINGS CN 41429	JJB 05/24/2007	ML	.XXXX ±.0005	MAT'L.				FMF
NO.	REVISION	BY & DATE	СНК	ANG ±7'30"	FINISH				PREV
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BI IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION / THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE	ARE RESERVED	RFP DIST	02-11-200 LB	5 CAD FILE	ee7300bh			EE7300BH C

				ma	ara	athon® Motors		DAT	P.O. BOX WAUSAU, PH. 715-6 A VOLTS:	WI 54401-8003			
					CE	RTIFICATION DATA S	HEET						
CUSTON								MER P.O. #: E MODEL #:		-D4028			
ORDER #: CONN. DIAGRAM: OUTLINE:		EE7300BH SS620991						CAT #: ER PART #:	44515100	U1437			
WINDING: HA22804108 NONE 1 SPEED:									F1/F2 CAP	ABLE			
HP	кw	SYNC RPM	FL	RPM	YPICAL	MOTOR PERFORMA	ANCE DATA ENCLOSURE		ТҮРЕ	KVA CODE		DESIGN	
200	149	1500	1	488		445TS	DP		TDC	G		В	
PH	HZ	VOLTS		MPS				UTY	INSL	S.F.	AMB	ELEV.	
3	50 F.L. EFF	95.0	3/4 LD EFF	95.4		PWS & YDRUN 1/2 LD EFF	95.4	ONT GTD EFF	F	F 1.15 50		3300	
	F.L. PF	87.5	3/4 LD PF	86.0		1/2 LD PF	80.5	93.0	SQ CAGE IND RUN				
F. 706	L. TORQUE LB-FT			1,475	L.R. TORQUE LB-FT 209%				F.L. RISE (° C) 70				
SOUND PRESSURE @ 3 FT.		SOUND POWER		OR WK ²		MAX. LOAD WK ²	SAFE STALL TIME		STARTS/HOUR		APROX.	MOTOR WGT	
84	dBA	93 dBA	66.26 `	LB-FT ²				29 SEC.		2 1		1430 LB.	
DE B	RACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIE		SEVERE DUTY	HAZA	RDOUS ATION	DRIP COVER	SCREENS		PAINT	
	STANDARD	STANDARD	RIGID	HORIZONTAL		NO	NONE		YES RODENT		RED (ENAMEL)		
BEARINGS DE ODE		GREASE	SHAF	T TYPE		SPECIAL DE	SPECIAL ODE		SHAFT MATERIAL		FRAME MATERIAL		
BALL 6319	6317	POLYREX EM		TS		NONE	NONE		1045 HOT ROLLED (C-204)		CAST IRON		
THERMOSTATS		PROTECTORS		RTD's		BRG RTD's	THERMISTORS		CONTROL		SPACE HEATERS		
NONE R1 (ohms/ph)		NOT R2 (ohms/ph)		ONE	NONE X2 (ohms/ph)		NONE Xm (ohms/ph)		FALSE VIBRATION (in/sec)		FLOAT		
	0.02				0.172		3.579 0.150						
× N O T	N O						INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE						
E S							ENCODER: NONE NONE NONE NONE PPF				PPR		
PREPARED BY:							BRAKE: NONE NONE NONE FT-LB: NA						
FORM: 3	ORM: 3531 REV_4 2/27/06							VOLTAGE: NONE HZ: UL: NO LETTER - ALL BRANDS-UL LISTED FIRE PUMP MOTORS HZ:					

