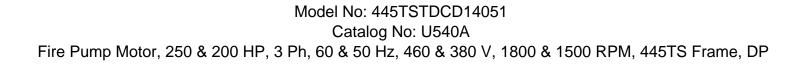
PRODUCT INFORMATION PACKET





Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies. ©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E





Fregal Rexnord

Product Information Packet: Model No: 445TSTDCD14051, Catalog No:U540A Fire Pump Motor, 250 & 200 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 & 1500 RPM, 445TS Frame, DP

marathon®

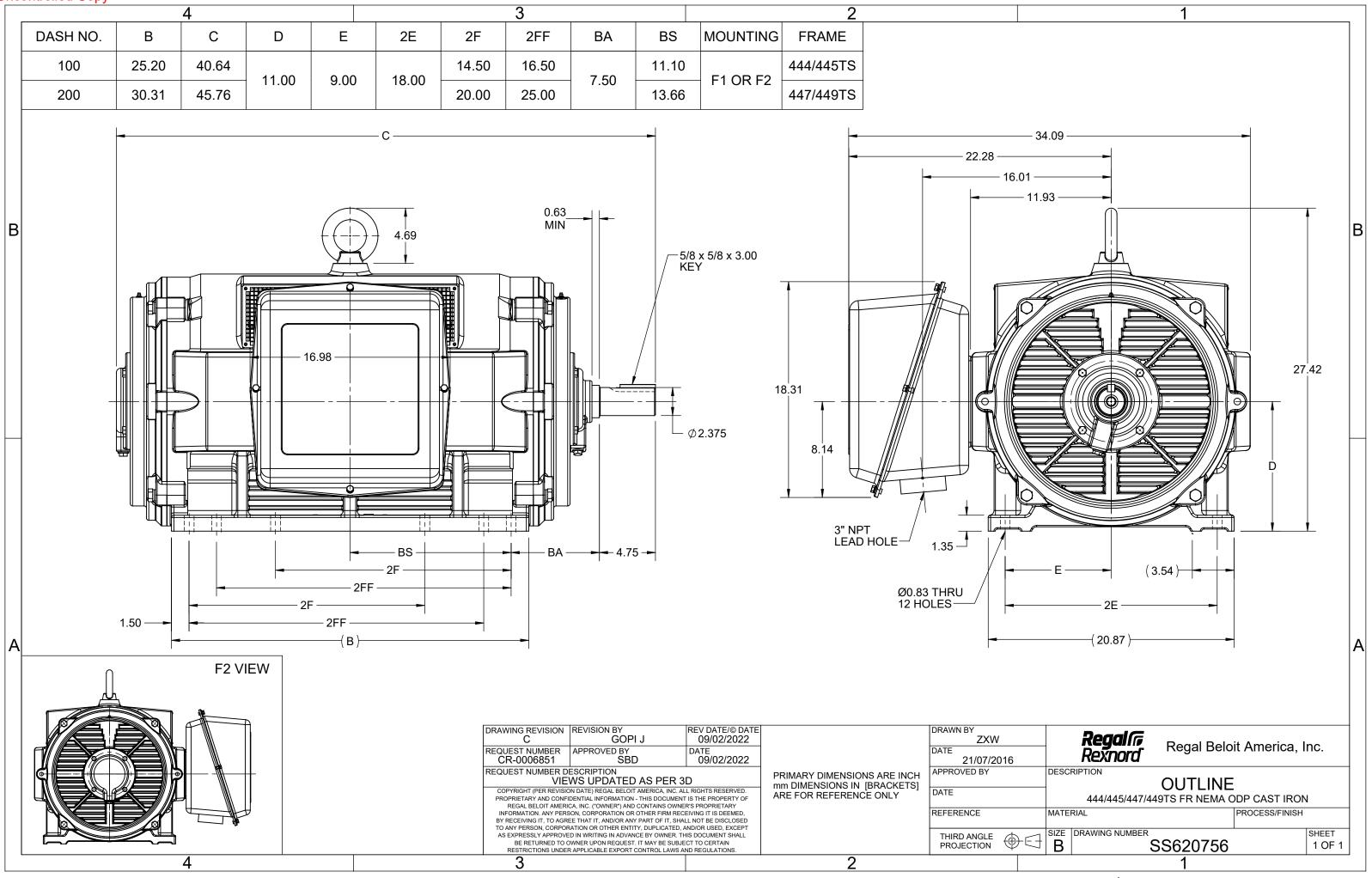
Nameplate Specifications

Phase	3	Output HP	250 & 200 Hp
Output KW	187.0 & 149.0 kW	Voltage	460 & 380 V
Speed	1788 & 1488 rpm	Service Factor	1.15 & 1.15
Frame	445TS	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95.5 & 95.5 %
Ambient Temperature	50 °C	Frequency	60 & 50 Hz
Current	278 & 275 A	Power Factor	87
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	F
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6317
UL	Listed	CSA	Y
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	4	Rotation	Reversible
Resistance Main	.022 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	45.95 in
Frame Length	31.10 in	Shaft Diameter	2.375 in
Shaft Extension	4.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS620756-445TS	Connection Drawing	EE7300BH

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:06/22/2023



3 of 6

									EE7300BH
								L	
	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

								P.O. BOX 8003 WAUSAU, WI 54401-8003						
(•) marathe							atho			PH. 715-675				
							electi	10						
											DATA VOLTS:	460		
					CEI	RTIFICA	TION DAT	A SHE	ET					
CUSTOM	ER:							CUSTO	OMER P.O. #:					
ORDER #:	:						R	EFERENC	CE MODEL #:	445TSTDCD14051				
CONN. DI		EE7300BI							CAT #:	U	540A			
WINDING:	OUTLINE: SS620756 WINDING: IE3L2804112 NONE 1							CUSTOMER PART #: MOUNTING: F1/F2 CAPABLE					_	
SPEED:					•									
				<u> </u>	YPICAL	MOTO	R PERFO	RMANC	E DATA	-				
HP	кw	SYN	C RPM	FL R	РМ	FR	AME	ENCLOSURE		TYPE	KVA CO	DE DESIGN		
250	187	1	800	178	8	44	45TS		DP	TDC	F		В	
PH	HZ	vc	DLTS	AMF	PS	STAR	RT TYPE		DUTY	INSL	S.F.	AMB	ELEV.	
3	60/50	460)#380	278&	275	PWS 8	& YDRUN	(CONT	F	1.15	50	3300	
	F.L. EFF	95.4		3/4 LD EFF	95.8		1/2 LD EFF	95.4 GTD EFF			ELECT. TY	DE		
	F.L. PF	87.0		3/4 LD EFT	86.0	1/2 LD EFF 1/2 LD PF		82.0	94.5		SQ CAGE IND			
									1					
	ORQUE	L	R AMPS @			L.R. TORQ	-		B.D. TORQ		F.L. RISE (°C)			
736	LB-FT		1,675		1,400	LB-FT	190%	1,600	LB-FT	217%	60			
@ 3 FT.		PO	WER	ROTOR	WK ²	MAX. L	OAD WK ²	SAFE STALL TIME		STARTS/HOUR		мото	RWGT	
85 dBA		94	dBA	95.0	LB-FT ²	0	LB-FT ²	15 SEC.			0		LB.	
				•	*** 01				NI +++					
		ODE B	RACKET	MOUNT		TOR	NTAL INFO		ARDOUS	DRIP				
	КЕТ ТҮРЕ	T	YPE	TYPE	ORIEN	TATION DUTY		LOCATION		COVER	SCREENS	PAINT		
STAN	IDARD	STAN	NDARD	RIGID	HORIZ	ZONTAL	NO	Ν	IONE	NO	NONE	RED (E	NAMEL)	
BEA	RINGS													
DE	ODE	GR	EASE	SHAFT	TYPE	SPEC	CIAL DE	SPECIAL ODE		SHAFT	MATERIAL	FRAME N	MATERIAL	
BALL	BALL	POLY	REX EM	TS	5	N	NONE		NONE		1045 HOT ROLLED (C-204)		CAST IRON	
6319	6317	_					-		-		- ()		-	
												SP	ACE	
THERM	IOSTATS	PROT	PROTECTORS WDG RTD's		BRG RTD's		THERMISTORS		CONTROL		HEATERS			
NONE		N	NOT NONE		NONE		NONE		FALSE		NA			
B1 (oł	nms/ph)	B2 (o	(ohms/ph) X1 (ohms/ph)		X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT			
	014		.007	0.06		0.173		3.804		0.150		ODE		
* N										ER TORQUE:	NONE			
0									EED RANGE:					
т														
E								ENCODER: NONE						
\$ *								NONE NONE				PPR		
							NONE NONE PPR BRAKE: NONE							
PREP	ARED BY:	FAREEDA	A DUDEKUL	A				NONE NONE						
	DATE:	8/30	0/2018					FT-LB: NA						
FORM: 3F	ORM: 3531 REV_4 2/27/06							VOLTAGE: NONE HZ: UL: NONE						
- 01101.00	//////////////////////////////////////	2/21/00						UL.						

