

Fire Pump Motors

Model No: 447TSTD4003

Catalog No: U543

Fire Pump Motor, 350 & 300 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 3600 RPM, 447TS Frame, DP

Product Information Packet: Model No: 447TSTD4003, Catalog No: U543 Fire Pump Motor, 350 & 300 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 3600 RPM, 447TS Frame, DP

Nameplate Specifications

Phase	3	Output HP	350 & 300 Hp
Output KW	260.0 & 224.0 kW	Voltage	460 & 380 V
Speed	3575 & 2975 r/min	Synchronous RPM	3600 & 3000 r/min
Service Factor	1.15 & 1.15	Frame	447TS
Enclosure	Drip Proof	Thermal Protection	No Protection
Efficiency	95.5 & 95 %	Ambient Temperature	50 °C
Frequency	60 & 50 Hz	Current	377 & 393 A
Power Factor	91	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	F	Drive End Bearing Size	6314
Opp Drive End Bearing Size	6314	UL	Listed
CSA	Y	CE	Y
IP Code	23	Number of Speeds	1

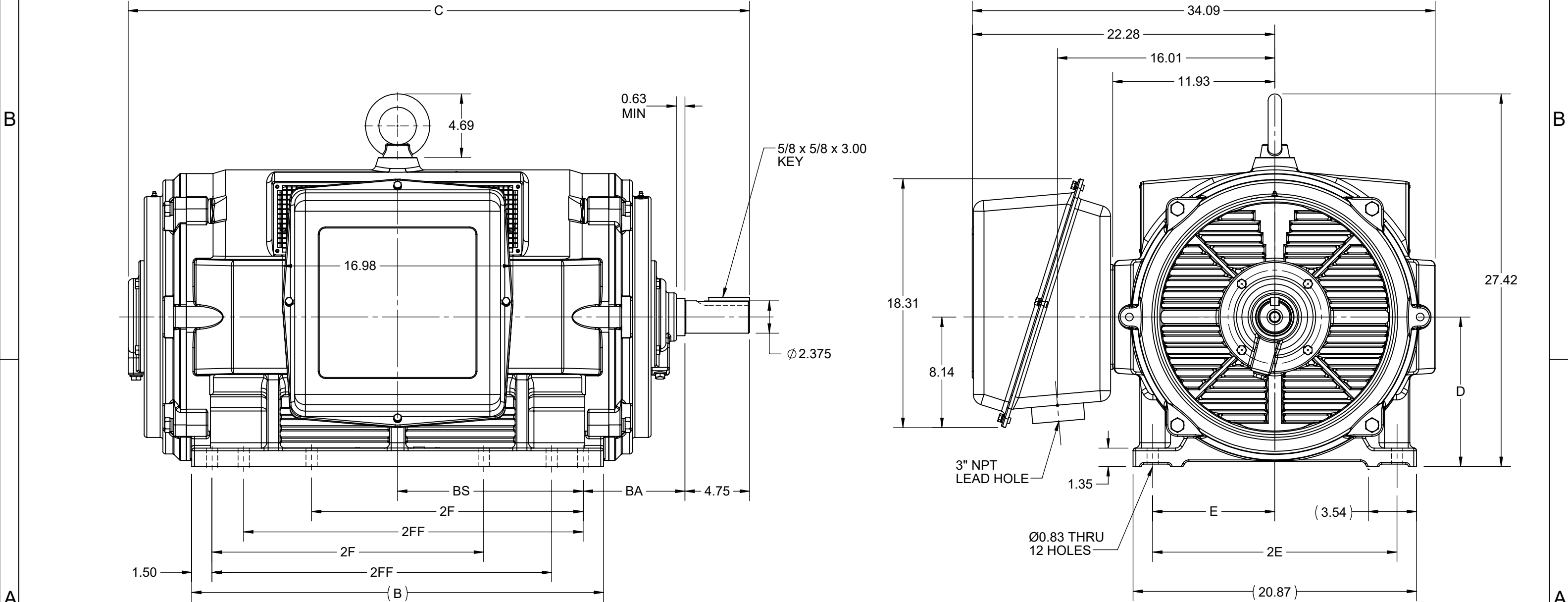
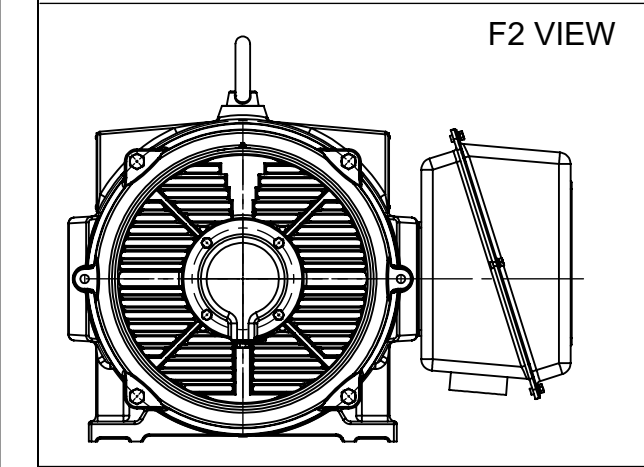
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start & Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.01363 O	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		

Drawings

Connection Drawing	EE7300BH	Outline Drawing	SS620756-200
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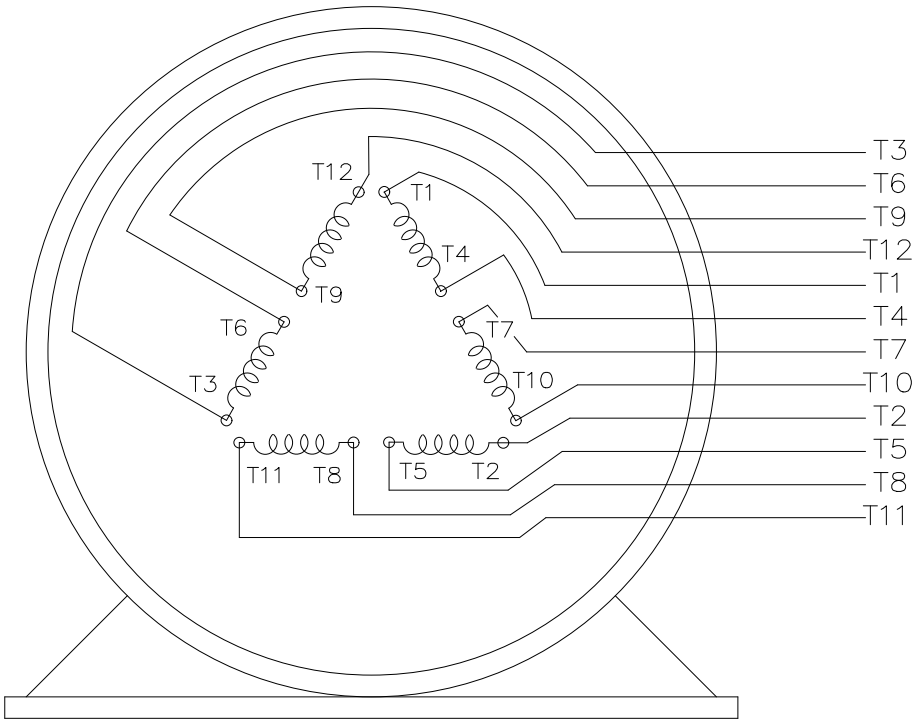
4				3						2		1	
DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME		
100	25.20	40.64	11.00	9.00	18.00	14.50	16.50	7.50	11.10	F1 OR F2	444/445TS		
200	30.31	45.76				20.00	25.00		13.66		447/449TS		



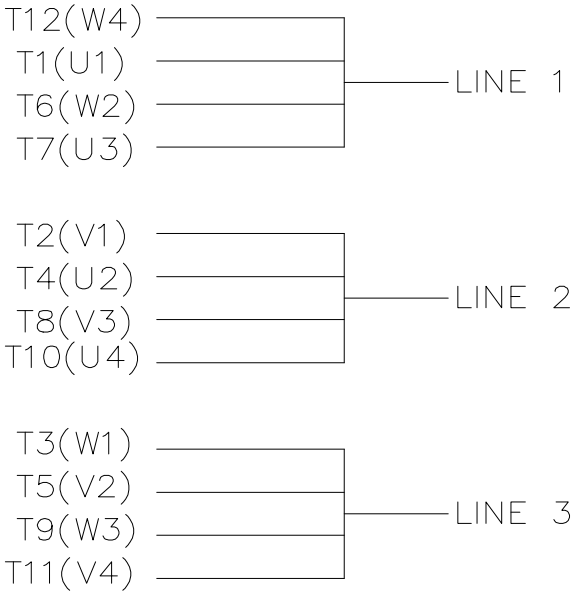
DRAWING REVISION D	REVISION BY SB	REV DATE/© DATE 07/25/2025
REQUEST NUMBER CR-0023600	APPROVED BY SBD	DATE 07/25/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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mm DIMENSIONS IN [BRACKETS]
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DRAWN BY ZXW		marathon™	
DATE 21/07/2016			
APPROVED BY		DESCRIPTION OUTLINE 444/445/447/449TS FR NEMA ODP CAST IRON	
DATE			
REFERENCE		MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 		SIZE B	DRAWING NUMBER SS620756
			SHEET 1 OF 1



VIEW OF TERMINAL END



DRAWING REVISION E		REVISION BY SB		REV DATE/ © DATE 08/04/2025		DRAWN BY RJW		<div>marathon™</div>								
REQUEST NUMBER CR-0023654		APPROVED BY SBD		DATE 08/04/2025		DATE 02/11/2025										
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED						PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY		APPROVED BY GK		DESCRIPTION CONNECTION DIAGRAM						
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								REFERENCE		MATERIAL		PROCESS/FINISH				
								THIRD ANGLE PROJECTION				SIZE A	DRAWING NUMBER EE7300BH		SHEET 1 OF 1	