

# PRODUCT INFORMATION PACKET



Model No: 444THFN18036  
Catalog No: 444THFN18036  
125,1800,TEFC,444T,3/60/460

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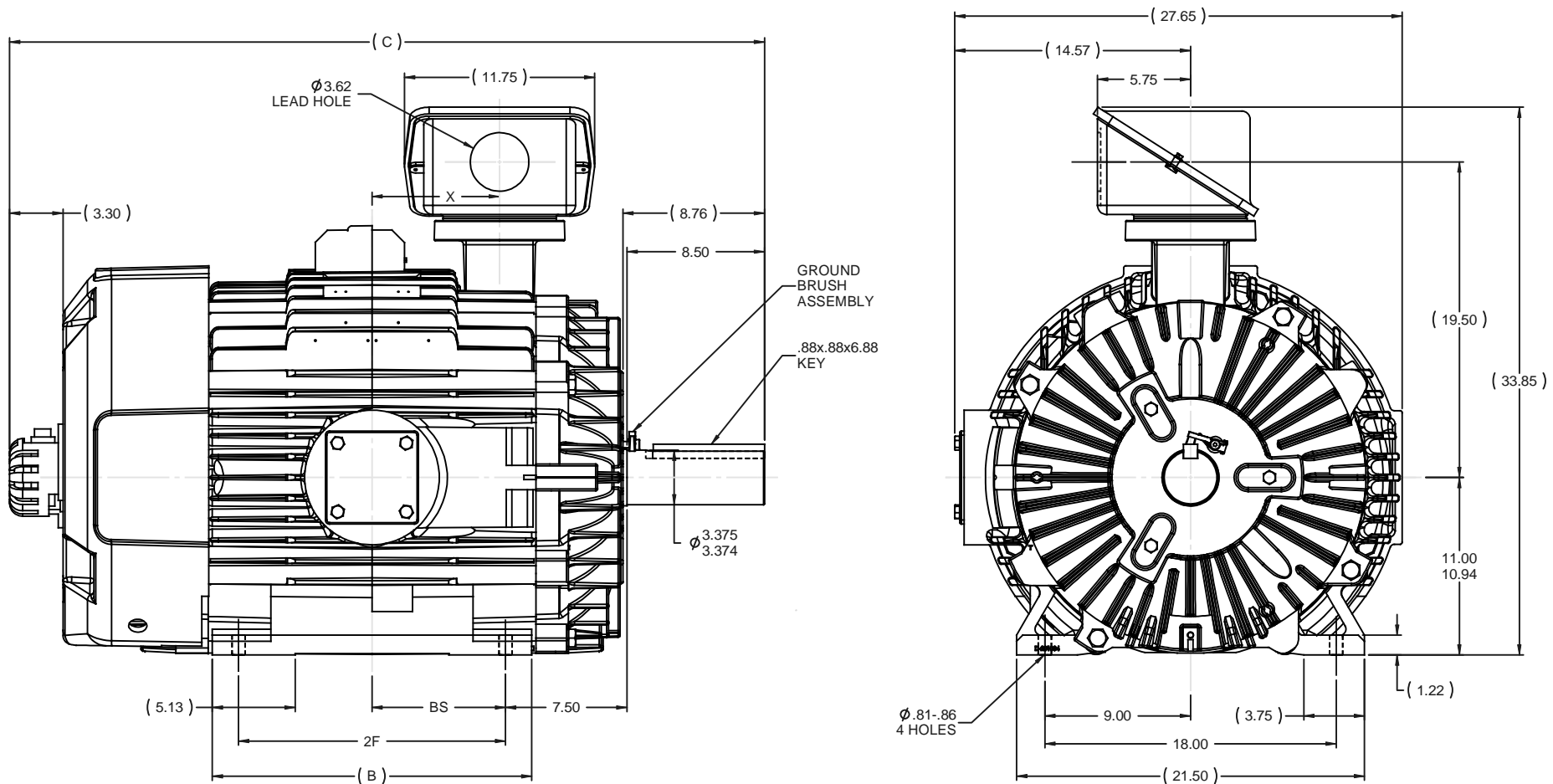
**Nameplate Specifications**

Phase	3	Output HP	125 Hp
Output KW	93.0 kW	Voltage	460 V
Speed	1788 rpm	Service Factor	1
Frame	444T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	94.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	143.0 A	Power Factor	87
Duty	Continuous	Insulation Class	H
Design Code	A	KVA Code	J
Drive End Bearing Size	6318	Opp Drive End Bearing Size	6316
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

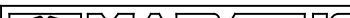

**Technical Specifications**

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.033 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F3
Inverter Load	CONSTANT 2000:1		
Outline Drawing	B-SS552741-1825	Connection Drawing	A-EE7300T

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NOTES:  
1. NAMEPLATES TO BE READ FROM COVER PLATE SIDE OF MOTOR.

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												DEC		INCHES				CHK ML 10/19/2007													
												X		±.1				APPR JES 10/19/2007													
												XX		±.03				SCALE 5:32													
												XXX		±.005				REF SS550756													
												XXXX		±.0005				FMF MU82399													
DASH		FRAME		B		C		BS		2F		X				NO		REVISION		BY & DATE		CHK ANG ±1/2°		FINISH		PAGE OF					
1825		444T		17.75		44.65		7.25		14.50		6.88						THIRD ANGLE PROJECTION				RFP		PREV		SIZE B		DRAWING NO SS552741		REV	
2025		445T		19.75		46.65		8.25		16.50		7.88										NETWORK FILE NAME SS552741									

DASH	FRAME	B	C	BS	2F	X	
1825	444T	17.75	44.65	7.25	14.50	6.88	
2025	445T	19.75	46.65	8.25	16.50	7.88	

THREE PHASE - SINGLE VOLTAGE  
MOTOR - CONDUIT BOX @ 'A'

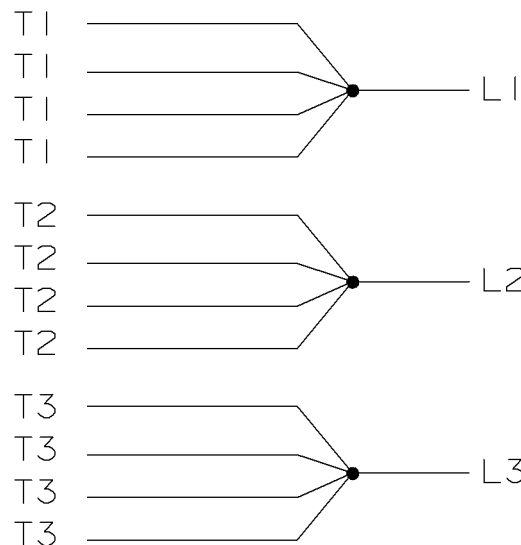
A- EE7300T

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO LINE  
LEAD CONNECTIONS

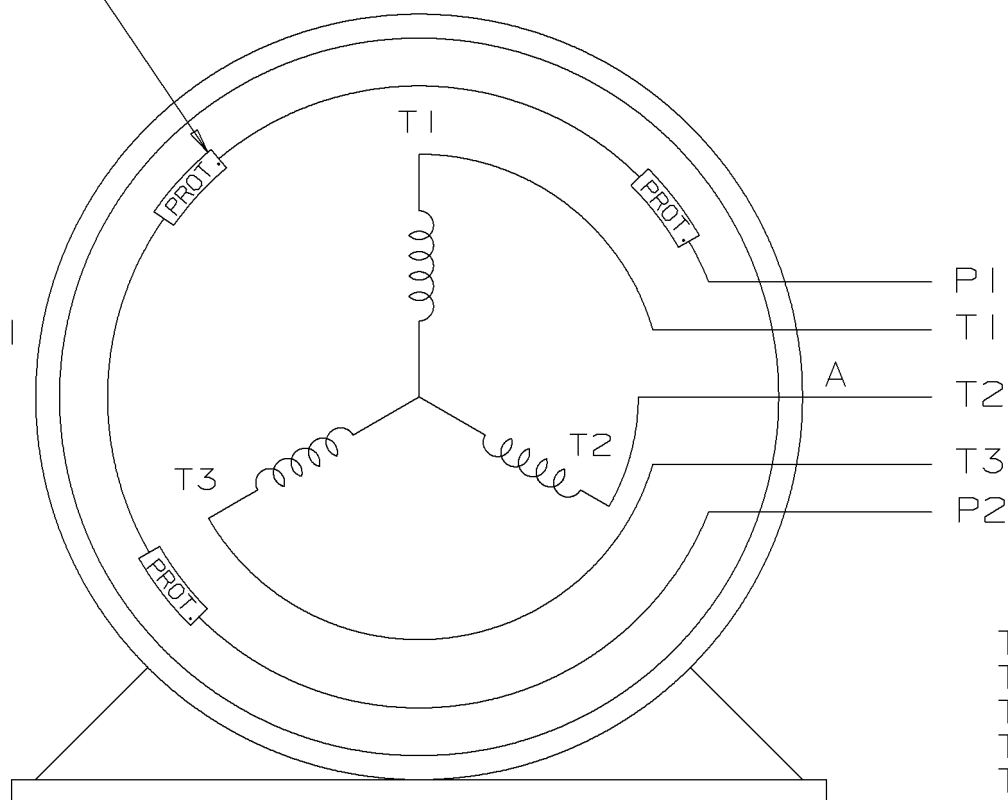
NOTE FOR FACTORY USE ONLY:  
TO SURGE TEST:

FOR 3 LEAD COMMON CONNECT:  
CONNECT P1 TO T1 THEN P2 TO L1  
FOR 6 LEAD COMMON CONNECT:  
CONNECT P1 TO BOTH T1  
THEN P2 TO L1

IF MOTOR HAS 12 LEADS



3 THERMO - PROTECTORS  
CONNECTED IN SERIES.



VIEW OF TERMINAL END

T2BM  
T6AW  
T6AL  
T6Z  
T4EG  
T4BF  
T8A  
T6H  
T6A  
T4AX  
T4A  
T2A  
T2F

				<div>✓</div> <div>MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE</div>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±                   XXX±.005           XXXX±.0005           ANGLES±			
1 4	06-03-97	ADDED SURGE TESTER NOTE - FOR FACTORY USE ONLY						