

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 284TTFNA14539  
Catalog No: 284TTFNA14539  
25,1800,TEFC,284TD,3/60/460

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The logo for Regal Rexnord, featuring a stylized green and blue icon followed by the text "RegalRexnord" in a bold, sans-serif font.

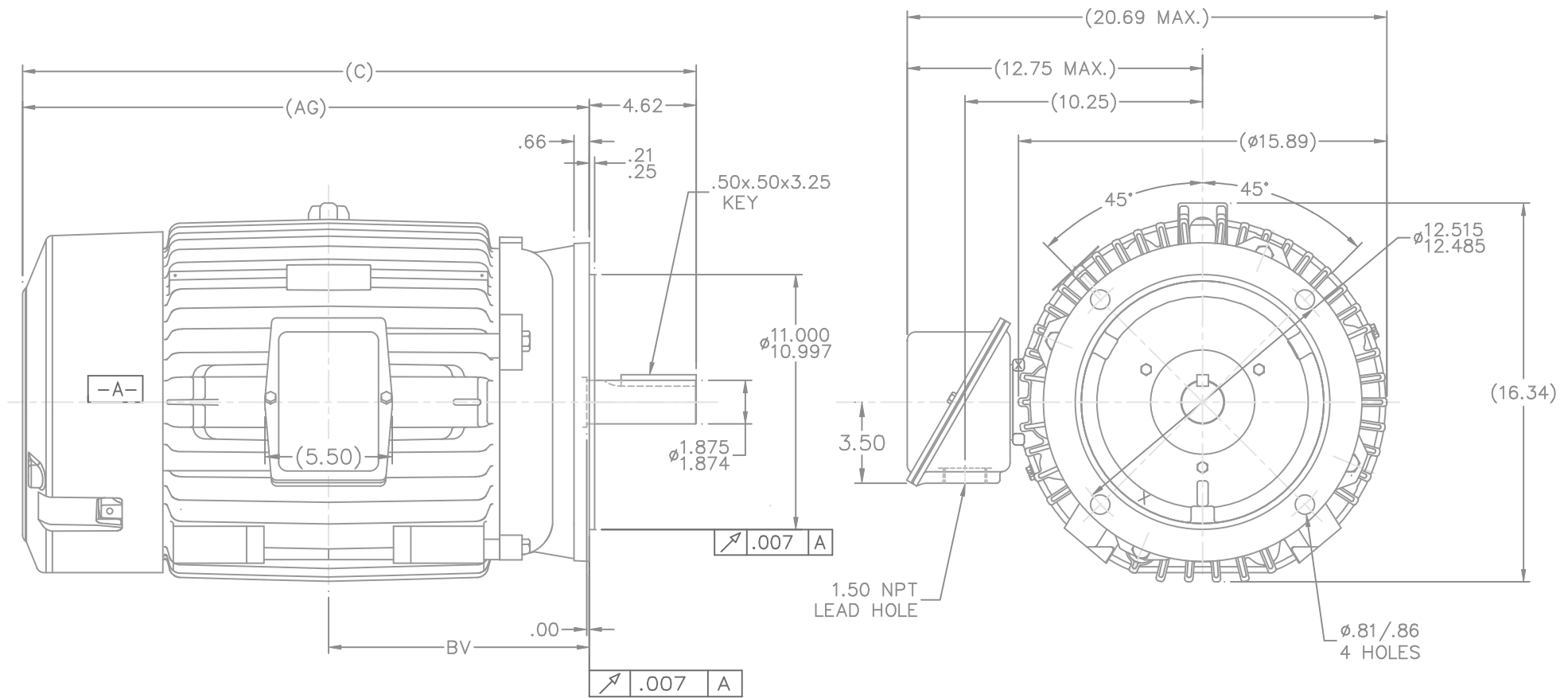
**Nameplate Specifications**

Phase	3	Output HP	25 Hp
Output KW	18.7 kW	Voltage	460 V
Speed	1772 rpm	Service Factor	1.15
Frame	284TD	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Efficiency	92.4 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	31.5 A	Power Factor	81.6
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	311	Opp Drive End Bearing Size	210
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

**Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.26 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS311825-1425	Connection Drawing	A-EE7300T

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## NOTES:

- BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
- NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	AG	C	BV
1425	284/286TD	24.46	29.08	11.25

TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN R/W 01-19-2006	
DEC.	INCHES	CHK	APPD	TS	12-01-2006
.X	±.1				
.XX	±.03				
.XXX	±.005				
.XXXX	±.0005				
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"
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RFP	12-01-2006		CAD FILE	SS311825	
DIST	LB		SIZE	B	
		DRAWING NO.		PAGE	OF
		SS311825			
		REV.			

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

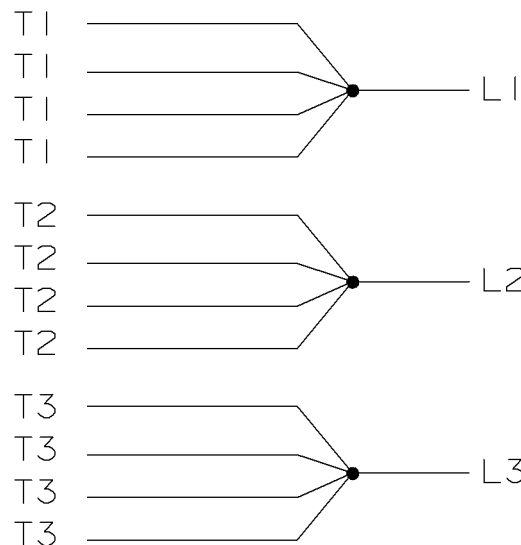
A- EE7300T

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO LINE  
LEAD CONNECTIONS

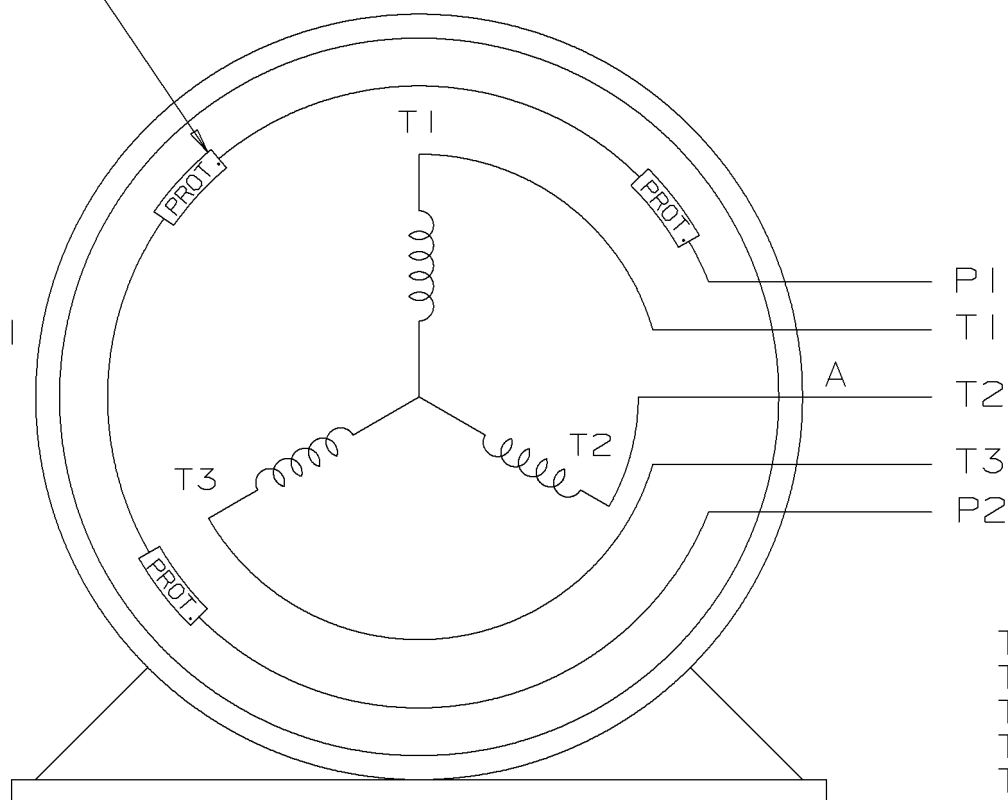
NOTE FOR FACTORY USE ONLY:  
TO SURGE TEST:

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

				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	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						

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM - YK

CADD FILE NO.

EE7300TX