

# PRODUCT INFORMATION PACKET

Model No: 449THFS18614  
Catalog No: 449THFS18614  
208,900,TEBC, 449TDV,3/60/460

Regal and are trademarks of Regal Rexnord Corporation or one of its affiliated companies.  
©2022 Regal Rexnord Corporation, All Rights Reserved. MC017097E



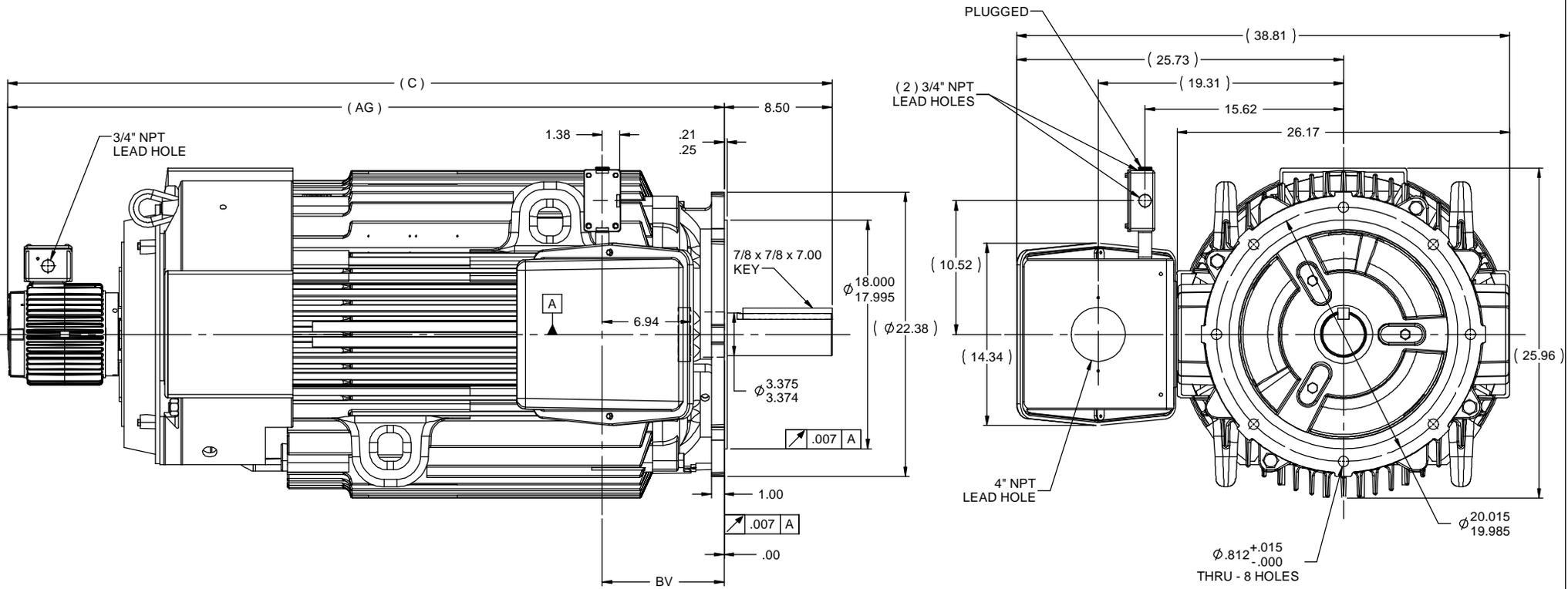
### Nameplate Specifications

Output HP	208 Hp	Output KW	155.0 kW
Frequency	60 Hz	Voltage	460 V
Current	280.0 A	Speed	890 rpm
Service Factor	1	Phase	3
Efficiency	95.4 %	Power Factor	73
Duty	Continuous	Insulation Class	H
Design Code	A	KVA Code	H
Frame	447/449TDV	Enclosure	Totally Enclosed Blower cooled - Axial
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6318
UL	No	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

### Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	8	Rotation	Reversible
Resistance Main	.016 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 2000:1		
Connection Drawing	A-EE7300FC	Outline Drawing	B-SS554713-2875

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:09/02/2022



**NOTE:**  
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.  
 2. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF THE MOTOR.

DASH	FRAME	AG	C	BV	NO	REVISION	BY & DATE	CHK	LANG	±1/2"	FINISH	SIZE	DRAWING NO	REV
2875	447/449TDVZ	56.40	65.40	9.59								B	SS554713	

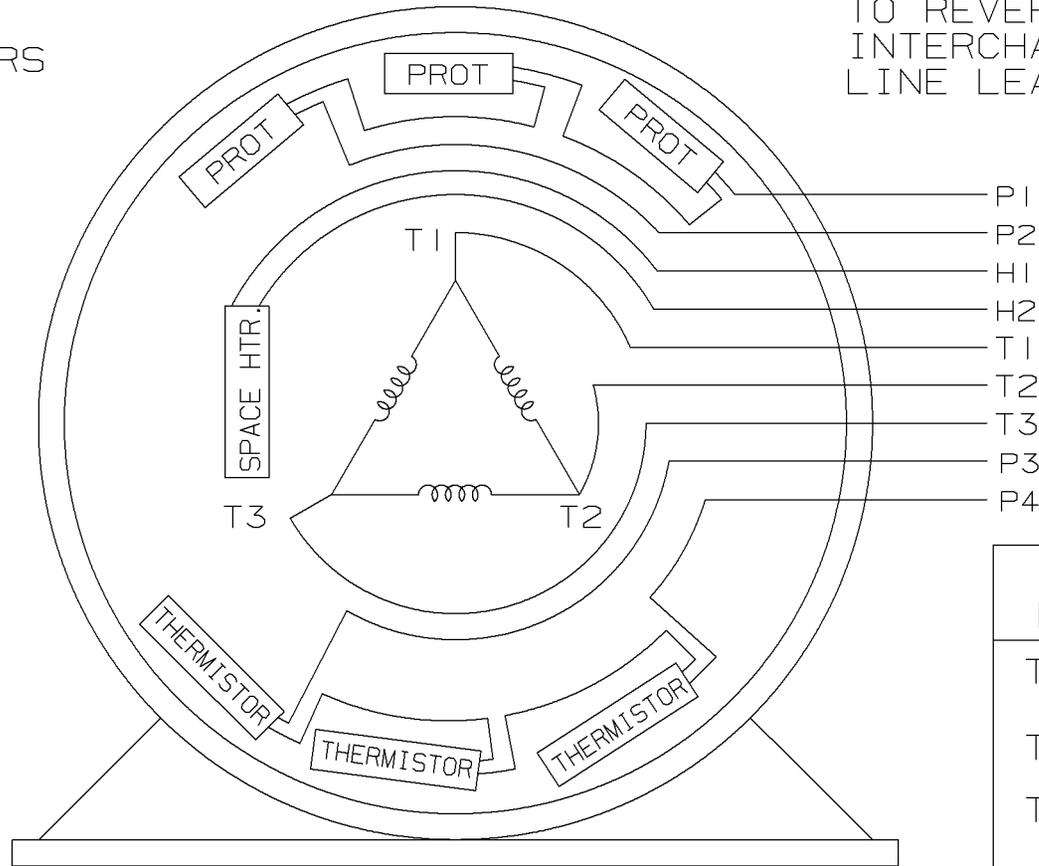
TOLERANCES UNLESS SPECIFIED	DEC	INCHES	TITLE	DRAWN
X	±.1		OUTLINE - AXIAL BLOWER - SHAFT DOWN <td>NS 11-9-2011</td>	NS 11-9-2011
XX	±.03		447/9TDV FR. - TEBC <td>CHK NS 11-11-2011</td>	CHK NS 11-11-2011
XXX	±.005			APPR ML 11-11-2011
XXXX	±.0005			SCALE 1:7.5
				REF
				FMF MU105265
				PAGE OF



P1 AND P2 PROTECTORS  
TO VOLTAGE CONTROL

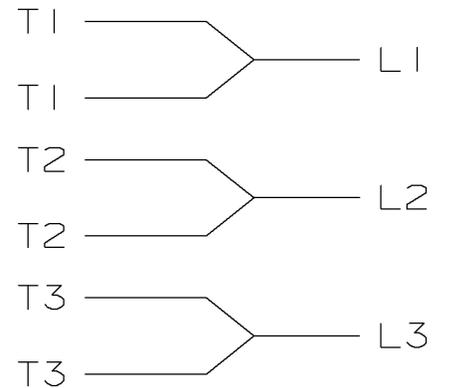
P3 AND P4 ARE  
THERMISTOR LEADS

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO  
LINE LEAD CONNECTIONS.



VIEW OF TERMINAL END

IF MOTOR OR GEN.  
HAS 6 LEADS



A-9806 DECAL

				125 $\sqrt{\quad}$ SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL ON XX±    XXX±.005    XXXX±.0005    ANGLES±		
				MATL SPEC			DRAWN BY DJK 06-21-96
				FINISH			CHKD BY
					WAUSAU, WISCONSIN 54401		APPD BY
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM SINGLE VOLT - 3Ø MOTOR			DRWG NO A- EE7300FC
		SHOP BOOK	PURCHASED	DISTRIBUTION - WA - LB - WP - LM		CADD FILE NO.	EE7300FC