

PRODUCT INFORMATION PACKET

Model No: 445TSHFN9005
Catalog No: W616
200,3600,TEFC,445TS,3/60/460
Severe Duty



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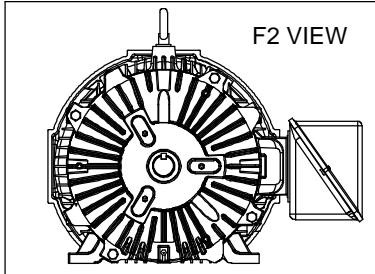
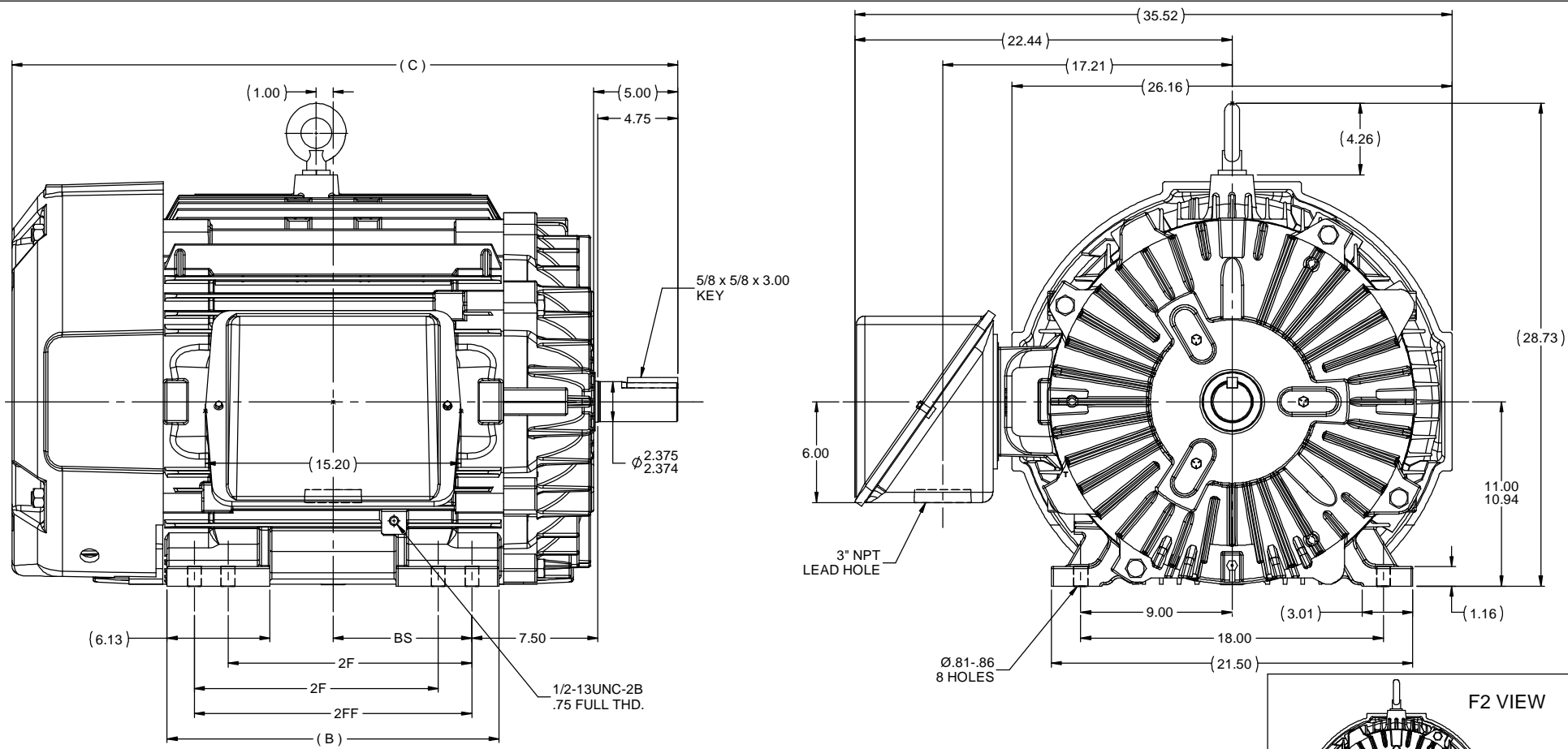
Nameplate Specifications

Output HP	200 Hp	Output KW	149 kW
Frequency	60 Hz	Voltage	460 V
Current	224 A	Speed	3575 rpm
Service Factor	1.15	Phase	3
Efficiency	95.4 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	B
KVA Code	G	Frame	445TS
Enclosure	TEFC	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6313
Opp Drive End Bearing Size	6313	UL	Recognized
CSA	Y	CE	Y
IP Code	56		

Technical Specifications

Electrical Type	SQ CAGE INV RATED	Starting Method	LINE OR INVERTER
Poles	2	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	CAST IRON	Shaft Type	TS
Overall Length	39.6 in	Frame Length	20.25 in
Shaft Diameter	2.38 in	Shaft Extension	5 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	B-SS516995-2025	Connection Diagram	A-EE7300U

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- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

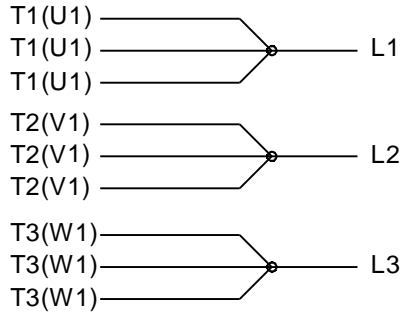
TOLERANCES UNLESS SPECIFIED		DEC		INCHES	
4	UPDATED FRAME TO CURRENT STD'S. ISAAC 09-5049	JJB	7/16/2012	EH	x ±.1
3	CHG. TO SHORT FAN GUARD PER CN 39335	RWR	2/19/2007	ML	xx ±.03
2	ADDED F2 VIEW TO MOTOR	ERH	2/24/2003	ML	xxx ±.005
1	NEW DRAWING	CAE	2/18/1999	xxxx	±.0005
				ANG	±1/2°

NO		REVISION		BY & DATE		CHK		ANG		FINISH		DRAWN CAE 02-08-1999	
												CHK ML 02-15-1999	
												APPR JHL 02-18-1999	
												SCALE 1:6	
												REF	
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												PAGE OF	

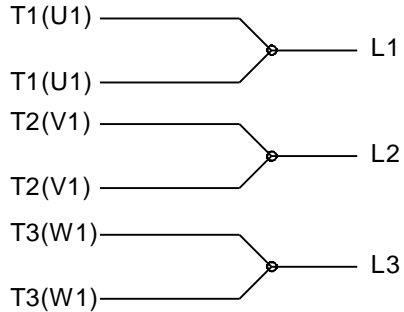
DASH		FRAME		B		C		2F		2FF		BS	
2025		444/445TS		19.75		39.60		14.50		16.50		8.25	

THIRD ANGLE PROJECTION		RFP 02-18-1999		PREV		SIZE B		DRAWING NO SS516995		REV 4	
		NETWORK FILE NAME		SS516995							

IF MOTOR HAS 9 LEADS

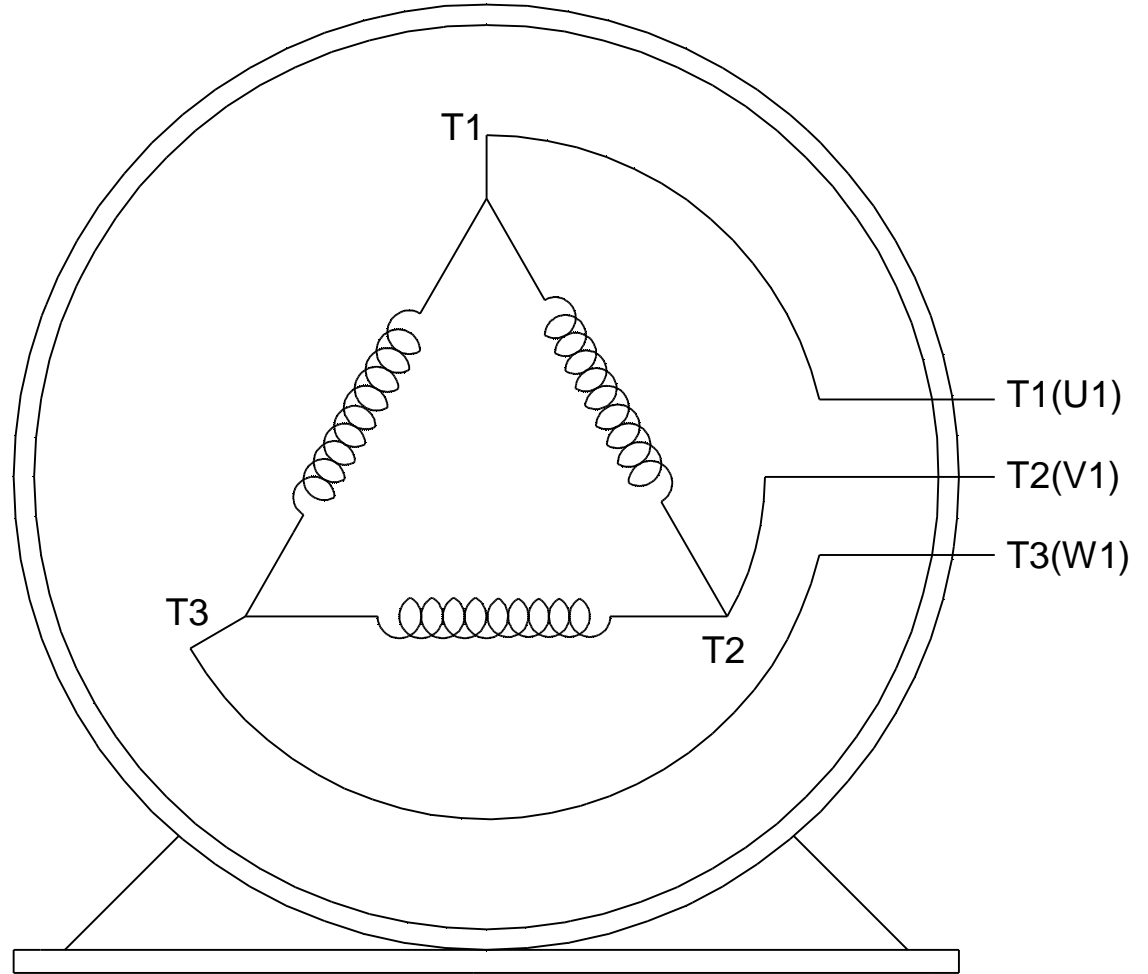


IF MOTOR HAS 6 LEADS



A-9806 DECAL IF CALLED FOR

IF MOTOR HAS 12 LEADS



VIEW OF TERMINAL END

DRAWING REVISION L	REVISION BY AJW	DATE 05-04-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRAWN BY DRS	Regal Beloit America, Inc.																					
ECO ECO-0077067	APPROVED BY EWH	DATE 05-05-2015	<table style="font-size: small; border-collapse: collapse;"> <tr> <td><u>DEC.</u></td> <td><u>INCH</u></td> <td><u>mm</u></td> <td><u>ANGLE</u></td> </tr> <tr> <td>.X</td> <td>±0.1</td> <td>[±2.5]</td> <td>±7' 30"</td> </tr> <tr> <td>.XX</td> <td>±0.02</td> <td>[±0.51]</td> <td></td> </tr> <tr> <td>.XXX</td> <td>±0.005</td> <td>[±0.127]</td> <td></td> </tr> <tr> <td>.XXXX</td> <td>±0.0005</td> <td>[±0.0127]</td> <td></td> </tr> </table>	<u>DEC.</u>			<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>	.X	±0.1	[±2.5]	±7' 30"	.XX	±0.02	[±0.51]		.XXX	±0.005	[±0.127]		.XXXX	±0.0005	[±0.0127]		DATE 09-27-1996
<u>DEC.</u>	<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>																							
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ECO DESCRIPTION UPDATED TO SOLIDWORKS <small>COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.</small>			APPROVED BY GK	MATERIAL _____ PROCESS/FINISH _____																						
			DATE 09-30-1996			SIZE A		DRAWING NUMBER EE7300U		SHEET 1 OF 1																
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200 $\sqrt{\text{INCH}}$ 5.1 $\sqrt{\text{mm}}$ mm SHOWN IN [BRACKETS]			REFERENCE _____	THIRD ANGLE PROJECTION																						
						THIRD ANGLE PROJECTION																				

