

PRODUCT INFORMATION PACKET



Model No: 449TTFS8027

Catalog No: L463

General Purpose Motor, 300 & 250 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 & 1500 RPM,
447/449T Frame, TEFC

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Nameplate Specifications

Phase	3	Output HP	300 & 250 Hp
Output KW	224.0 & 187.0 kW	Voltage	460 & 380 V
Speed	1788 & 1487 rpm	Service Factor	1.15 & 1.15
Frame	447/449T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	96.2 & 95.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	341 & 350 A	Power Factor	84.5
Duty	Continuous	Insulation Class	H
Design Code	B	KVA Code	G
Drive End Bearing Size	6319	Opp Drive End Bearing Size	6318
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.0085 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	51.86 in
Frame Length	28.75 in	Shaft Diameter	3.375 in
Shaft Extension	8.75 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7300BH	Outline Drawing	B-SS515635-2875

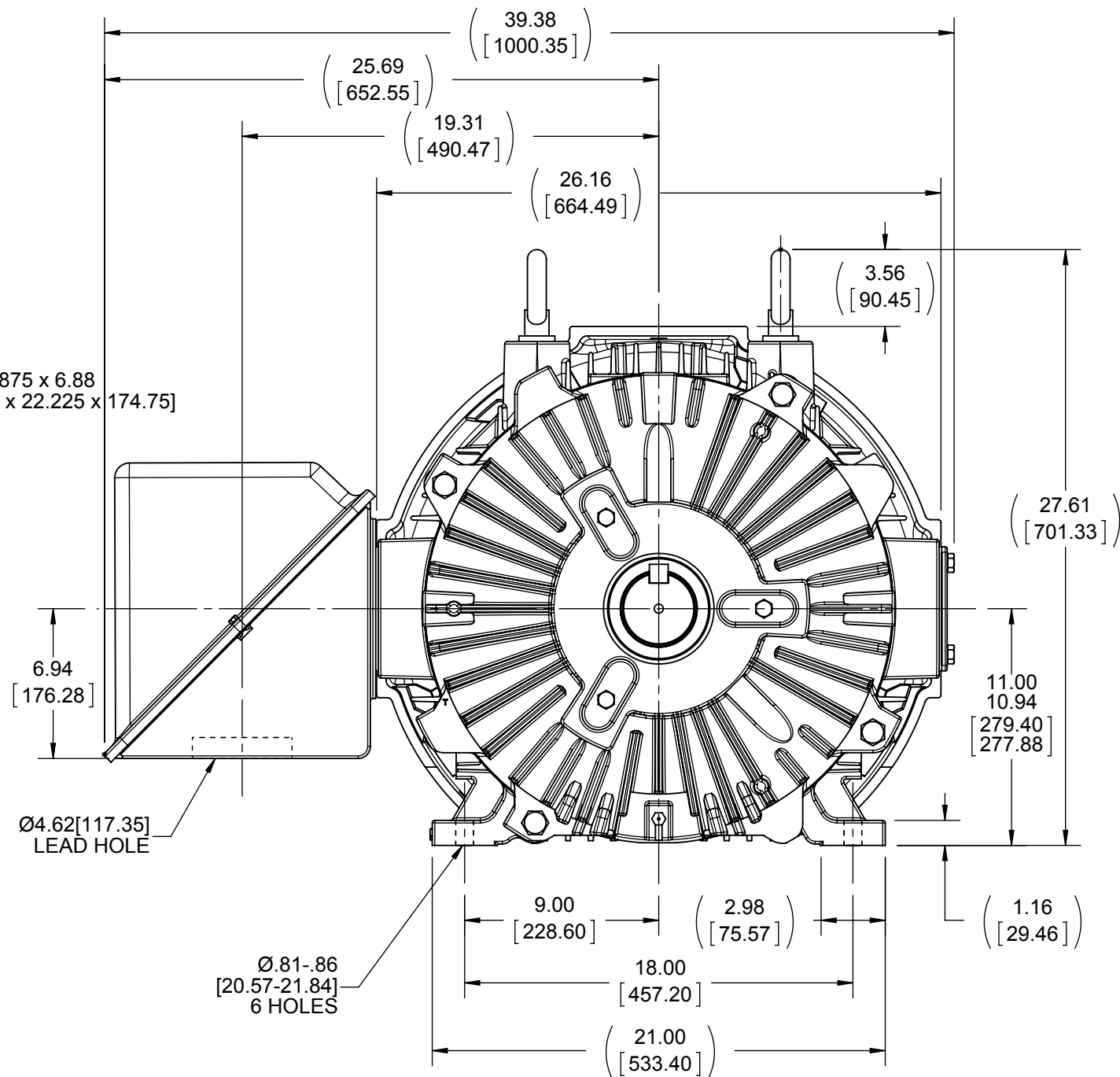
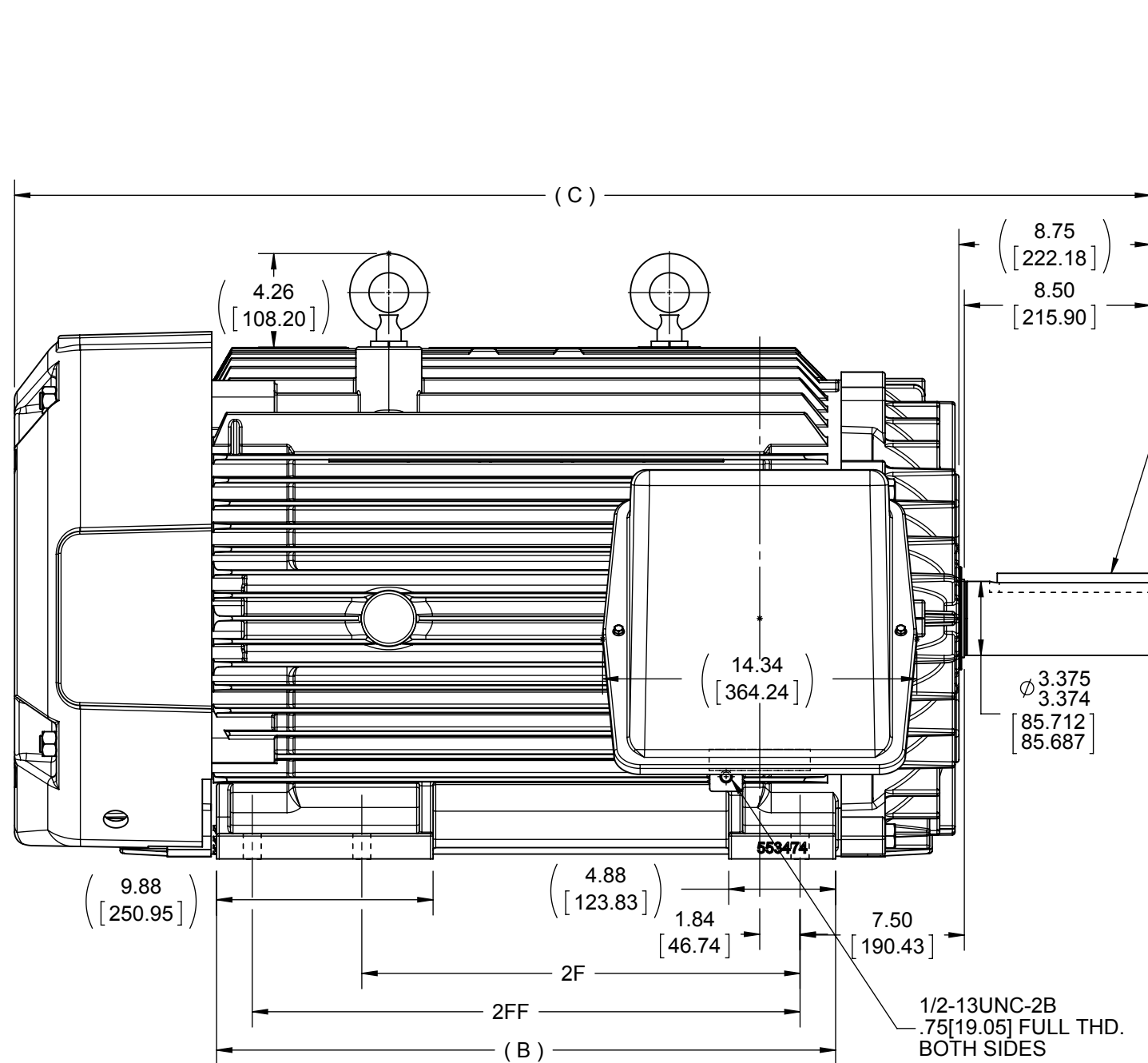
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B




B

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NOTES:

- 1- C'BOX CAN BE ROTATED IN 90° STEPS.
- 2- NAMEPLATES TO BE READ FROM C'BOX SIDE OF MOTOR.
- 3- C'BOX CAN BE MOUNTED IN F2 POSITION.

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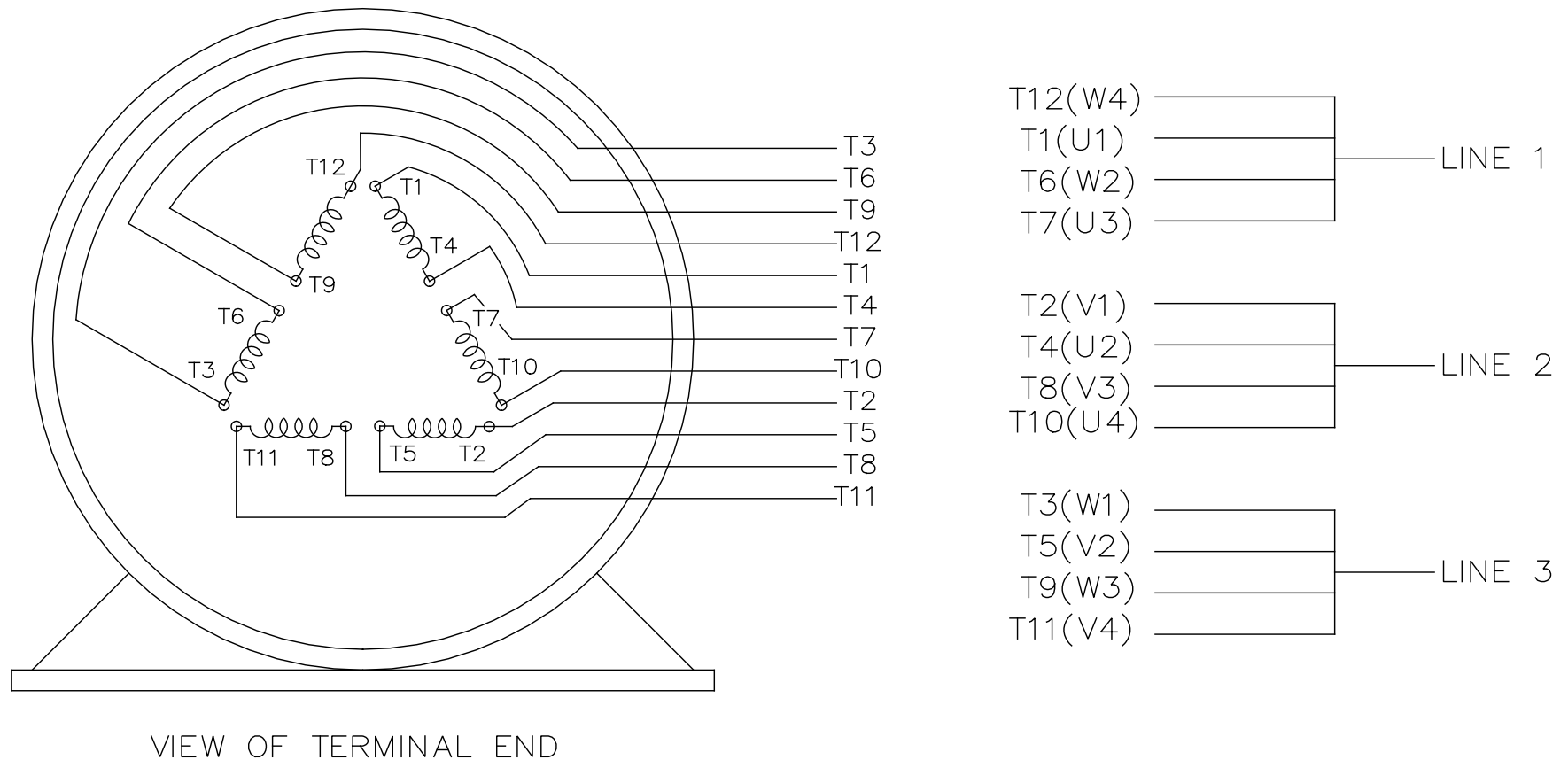
						DRAWING REVISION D			REVISION BY CM			DATE 04-11-2014			TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±7° 30" .XX ±0.03 [±0.76] XXX ±0.005 [±0.127] XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] CORNER FILLETS: .02 [51] MACHINED SURFACES: 200 INCH 5.1 mm SHOWN IN [BRACKETS]				DRAWN BY DT			<div><div>REGAL™</div><div>Regal Beloit America, Inc.</div></div>													
						ECO ECO-0049191			APPROVED BY DJK			DATE 04-11-2014							DATE 06-04-1996																
						ECO DESCRIPTION UPDATE TO CURRENT STANDARDS 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.																APPROVED BY JL			DESCRIPTION <div>OUTLINE 447-449T FR. - STD.</div>										
																			DATE 06-05-1996																
DASH		FRAME		B		C		2F		2FF		PROCESS/FINISH												MATERIAL											
2875		447T		28.25 [717.55]		51.86 [1317.24]		20.00 [508.00]		---																									
2875		449T		28.25 [717.55]		51.86 [1317.24]		---		25.00 [635.00]														THIRD ANGLE PROJECTION				SIZE B		DRAWING NUMBER SS515635				SHEET 1 OF 1	

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				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN RJW 02-11-2005						
				DEC.	INCHES		CHK	ML	02-11-2005				
				.X	±.1		APPD	GK	02-11-2005				
				.XX	±.02	TITLE CONNECTION DIAGRAM 12 LEAD- SINGLE VOLTAGE		SCALE					
D	CHANGED TO REGAL TITLE BLOCK	ECO-0108299	WGJ 08/22/2016	EMH	.XXX ±.005			REF					
1	ADDED IEC TERMINAL MARKINGS	CN 41429	JJB 05/24/2007	ML	.XXXX ±.0005	MAT'L.		FMF					
NO.	REVISION		BY & DATE	CHK	ANG	±7'30"	FINISH		PREV				
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				DIST		LB	A	EE7300BH		C			