

PRODUCT INFORMATION PACKET



Model No: 449TSTFS16567

Catalog No: 449TSTFS16567

XRI®-SD Severe Duty Motor, 300 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 447/449TS Frame, TEFC

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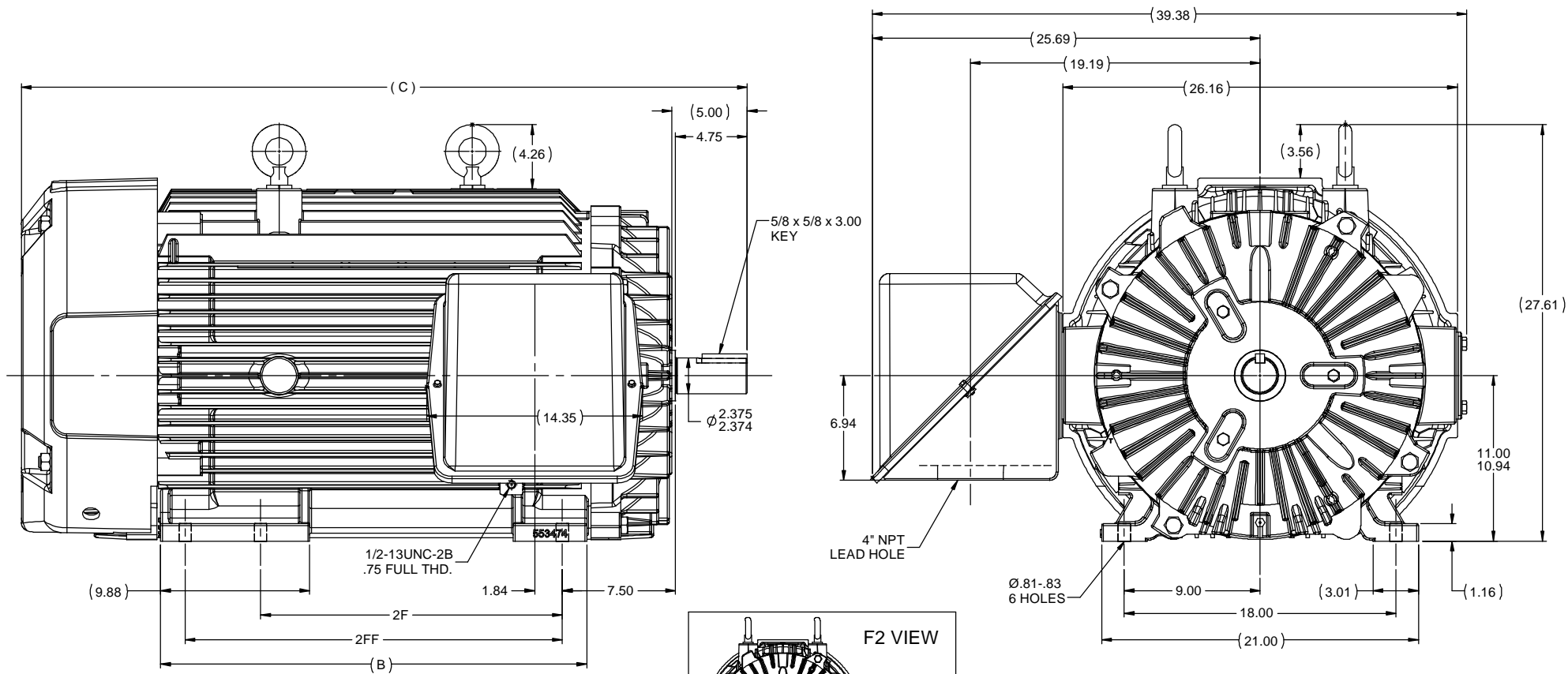
Nameplate Specifications

Phase	3	Output HP	300 Hp
Output KW	224.0 kW	Voltage	575 V
Speed	1788 rpm	Service Factor	1.15
Frame	447/449TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	96.2 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	273.0 A	Power Factor	84.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6318	Opp Drive End Bearing Size	6316
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	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	TS	Shaft Diameter	2.375 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1
Outline Drawing	SS515689-2875	Connection Drawing	EE7340

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NOTES:

1. C'BOX CAN BE ROTATED IN 90° SETPS.

2. NAMEPLATES TO BE READ FROM C'BOX SIDE OF MOTOR.

DASH	FRAME	C	B	2F	2XF
2875	447TS	48.09	28.25	20.00	- - -
2875	449TS	48.09	28.25	- - -	25.00

6	UPDATED FRAME TO CURRENT STD'S. MU108818	JJB 7/16/2012	MH	TOLERANCES UNLESS SPECIFIED		DRAWN	BLR 06-14-1996	
5	UPDATED TO SOLIDWORKS, AND UPDATED FRAME	CJR 2/15/2012	SSW	DEC		INCHES	CHK	MRB 06-16-1996
4	REVISED FAN GAURD MU76102	RJW 11-6-6	ML	X		±.1	APPR	JL 06-16-1996
3	UPDATED C'BOX GEMETRY CN28404	DRS 11-4-02		XX		±.03		
2	ADD GRD.PADS&HOLES TO FRAME PER CN21725-983	KL 4-6-97		XXX		±.005	SCALE	1:6.5
1	NEW DRAWING CN22247	BLR 6-19-96		XXXX		±.0005	REF	
NO	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		
							PAGE	OF
	THIRD ANGLE PROJECTION		RFP		PREV	SIZE	DRAWING NO	REV
			NETWORK FILE NAME	SS515689	B	SS515689		



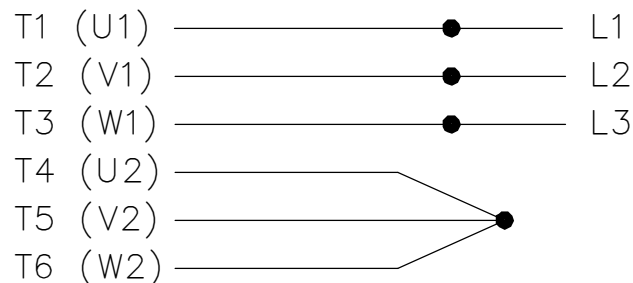
TITLE OUTLINE- TEFC
447/9TS FR.- STD- TAPPED LEAD HOLE

DRAWN BLR 06-14-1996
CHK MRB 06-16-1996
APPR JL 06-16-1996

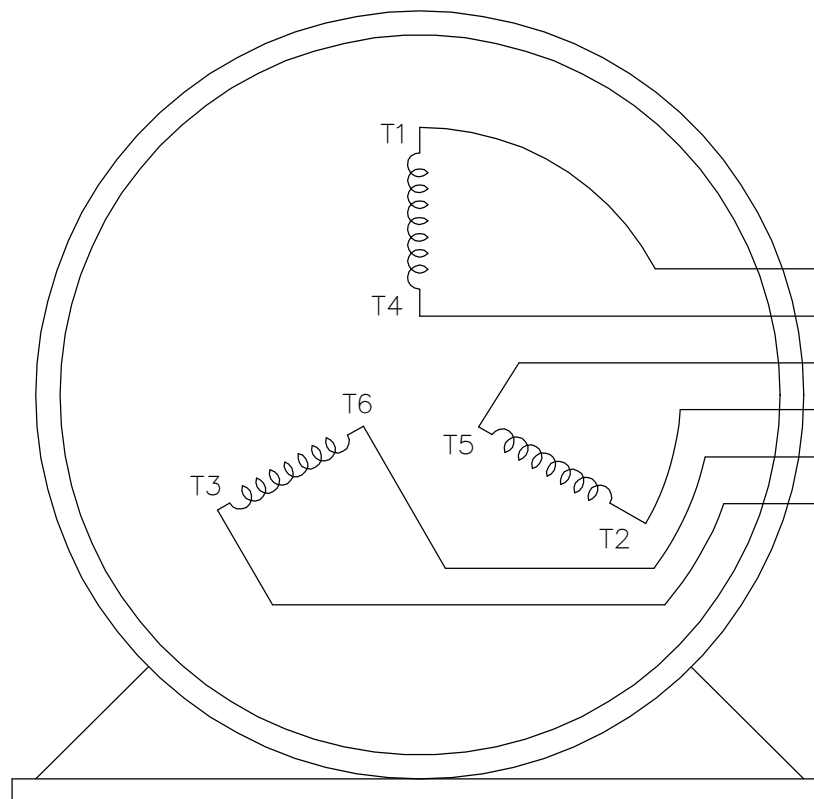
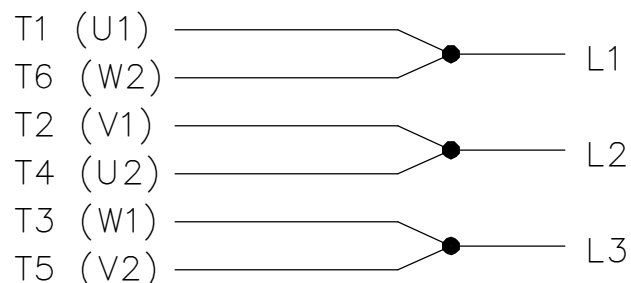
SCALE 1:6.5
REF
FMF

THREE PHASE
WYE START DELTA RUN

START





RUN



VIEW OF TERMINAL END

T1 (U1)
 T4 (U2)
 T5 (V2)
 T2 (V1)
 T6 (W2)
 T3 (W1)

NOTE:
 IEC LEAD MARKINGS ARE NOTED
 IN PARANTHESES

DRAWING REVISION F	REVISION BY RTT	REV DATE/© DATE 05-29-2019	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±7° 30" .XX ±0.02 [±0.5] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45 ° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 200/ 5.1 INCH mm mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY LZ	<div> Regal Beloit America, Inc.</div>		
ECO ECO-0167538	APPROVED BY JWA	DATE 05-29-2019		DATE 01-06-1994			
ECO DESCRIPTION				APPROVED BY GK	DESCRIPTION <div>CONNECTION DIAGRAM</div> 3<MOD-DIAM> - WYE START DELTA RUN		
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				REFERENCE	MATERIAL	PROCESS/FINISH	
			THIRD ANGLE PROJECTION <div></div>	SIZE A	DRAWING NUMBER EE7340	SHEET 1 OF 1	

