

PRODUCT INFORMATION PACKET



Model No: 5013LTFS16606
Catalog No: 5013LTFS16606
300,900,TEFC,5013L,3/60/460

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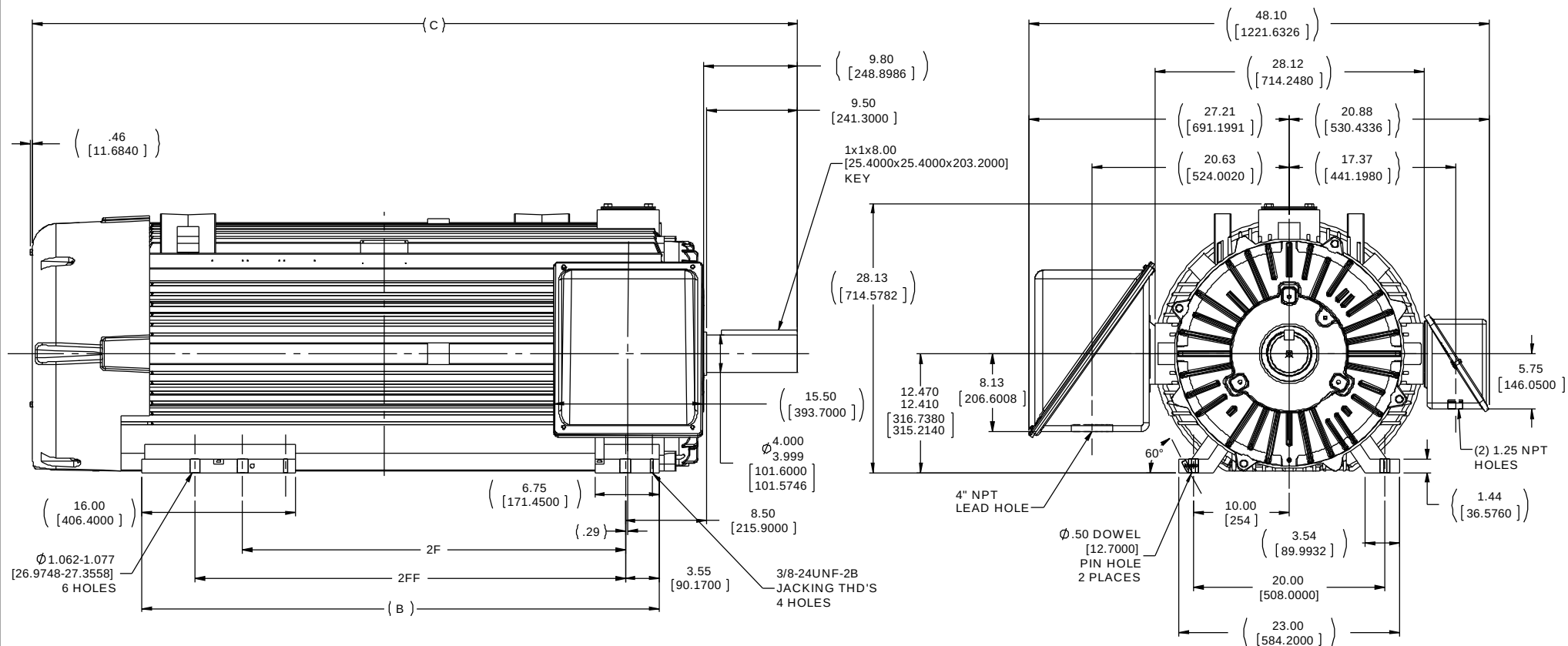
Nameplate Specifications

Phase	3	Output HP	300 Hp
Output KW	224.0 kW	Voltage	460 V
Speed	892 rpm	Service Factor	1.15
Frame	5013LV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	385.0 A	Power Factor	77
Duty	Continuous	Insulation Class	H
Design Code	B	KVA Code	F
Drive End Bearing Size	6324	Opp Drive End Bearing Size	6318
UL	No	CSA	Y
CE	Y	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Resistance Main	.01 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Up Or Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	L	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS555172-5850	Connection Drawing	A-EE7300FE

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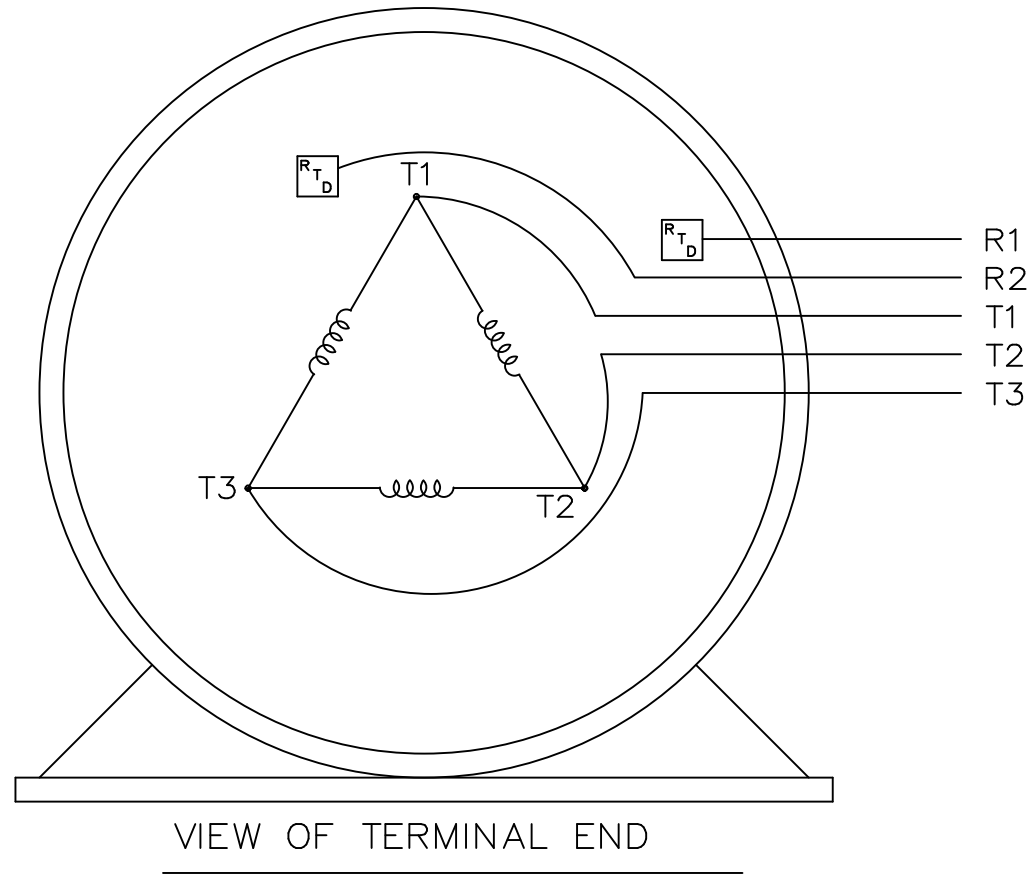
- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
 3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
 4. DIMENSIONS IN [] DENOTES MILLIMETERS

DASH	FRAME	B	C	2F	2FF
5850	5012L	54.05 [1372.8700]	79.87 [2028.6980]	40.00 [1016.0000]	
5850	5013L	54.05 [1372.8700]	79.87 [2028.6980]	40.00 [1016.0000]	45.00 [1143.0000]

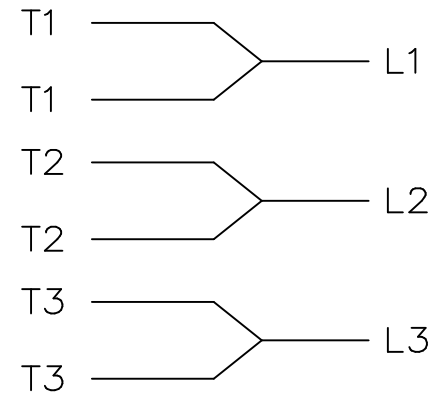
		TOLERANCES UNLESS SPECIFIED		marathon [®] electric		DRAWN WGJ 04-19-2012	
		DEC	INCHES			CHK DD 04-19-2012	APPR DJK 05-2-2012
		X	±.1			SCALE 1:10	
2	CORRECTED BS DIM. PER ECO-0036077	TXW 07-26-13	XX ±.03	TITLE OUTLINE - F1/F2/F3 MT.		REF	FMF ISAAC 12-1433
1	UPDATED TABLE	CJR 5/2/2012	XXX ±.005	5012-13L FR. - TEFC		PAGE OF	
NO	REVISION	BY & DATE	CHK ANG ±7°30"	FINISH	PREV	SIZE	DRAWING NO
						B	SS555172
THIRD ANGLE PROJECTION		RFP 04-20-2012		NETWORK FILE NAME SS555172		REV 1	

THREE PHASE – SINGLE VOLTAGE
MOTOR OR INDUCTION GENERATOR
WITH 2 RTD'S COND. BOX @ 'A'.

TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.



IF MOTOR OR GEN.
HAS 6 LEADS



A-9806 DECAL

			TOLERANCES UNLESS SPECIFIED			DRAWN PGK 08-05-1996		
			DEC.	INCHES		CHK MRB 08-06-1996		
			.X	±.1		APPD TB 08-07-1996		
			.XX	±.02		SCALE 1=1		
			.XXX	±.005		REF		
1	NEW DRAWING	PGK 08-07-1996	.XXXX	±.0005	TITLE CONNECTION DIAGRAM SINGLE VOLT – 3Ø MOTOR			FMF
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV		
			RFP	08-07-1996	CAD FILE EE7300FE	SIZE A	DRAWING NO. EE7300FE	PAGE 1 OF 1 REV. 1
			DIST WA					

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