

# PRODUCT INFORMATION PACKET



Model No: 5013LHFS18583  
Catalog No: 5013LHFS18583  
300,700,TEBC,5013L,3/35/690

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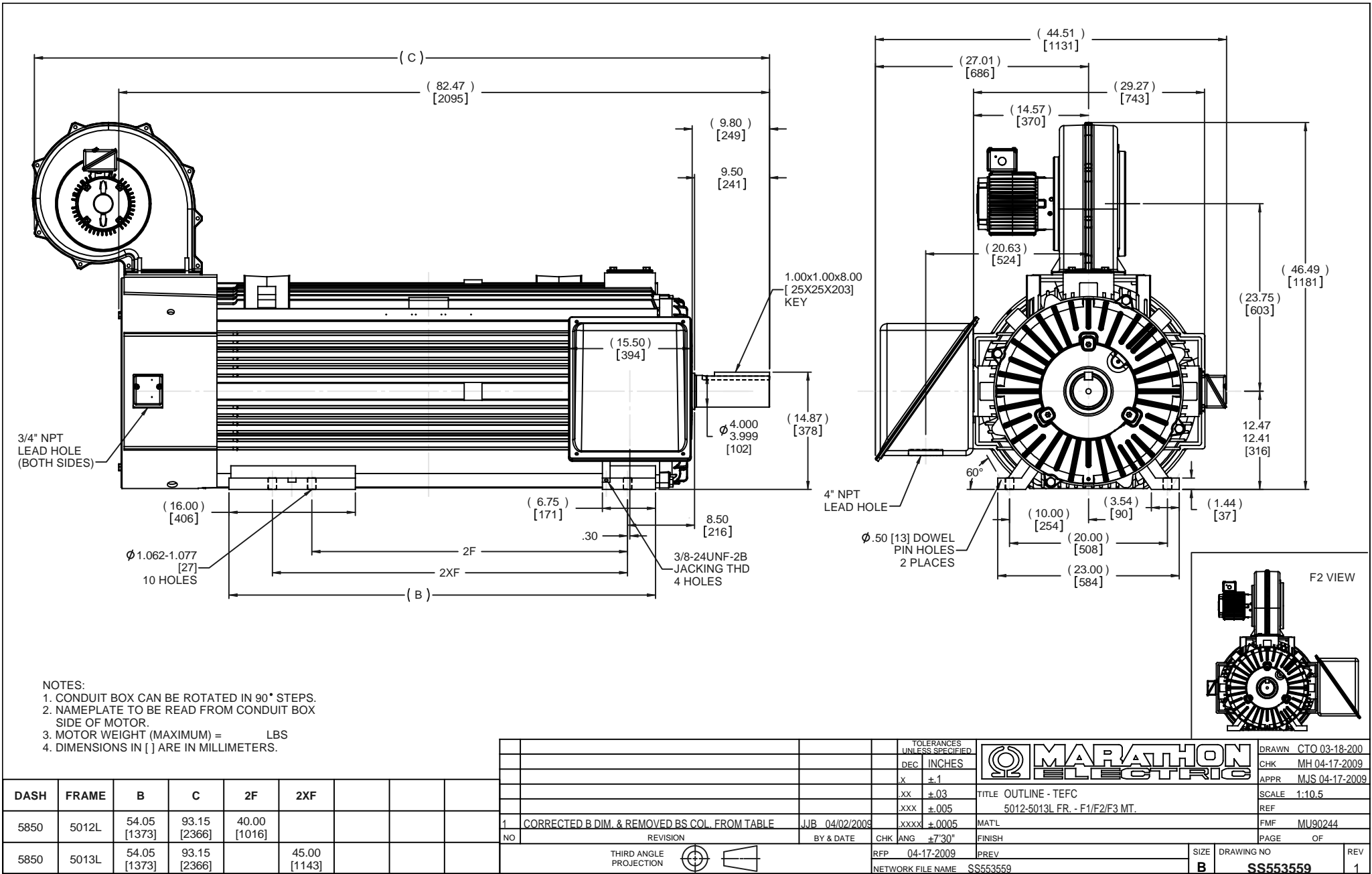
**Nameplate Specifications**

Phase	3	Output HP	300 Hp
Output KW	224.0 kW	Voltage	690 V
Speed	692 rpm	Service Factor	1
Frame	5013L	Enclosure	TEBC-RADIAL
Thermal Protection	Thermostat	Efficiency	95.4 %
Ambient Temperature	40 °C	Frequency	35 Hz
Current	250.0 A	Power Factor	79
Duty	Continuous	Insulation Class	H
Design Code	A	KVA Code	J
Drive End Bearing Size	6324	Opp Drive End Bearing Size	6318
UL	No	CSA	Y
CE	N	IP Code	54
Number of Speeds	1		

**Technical Specifications**

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	6	Rotation	Reversible
Resistance Main	.03 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	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-SS553559-5850	Connection Drawing	A-EE7300LD

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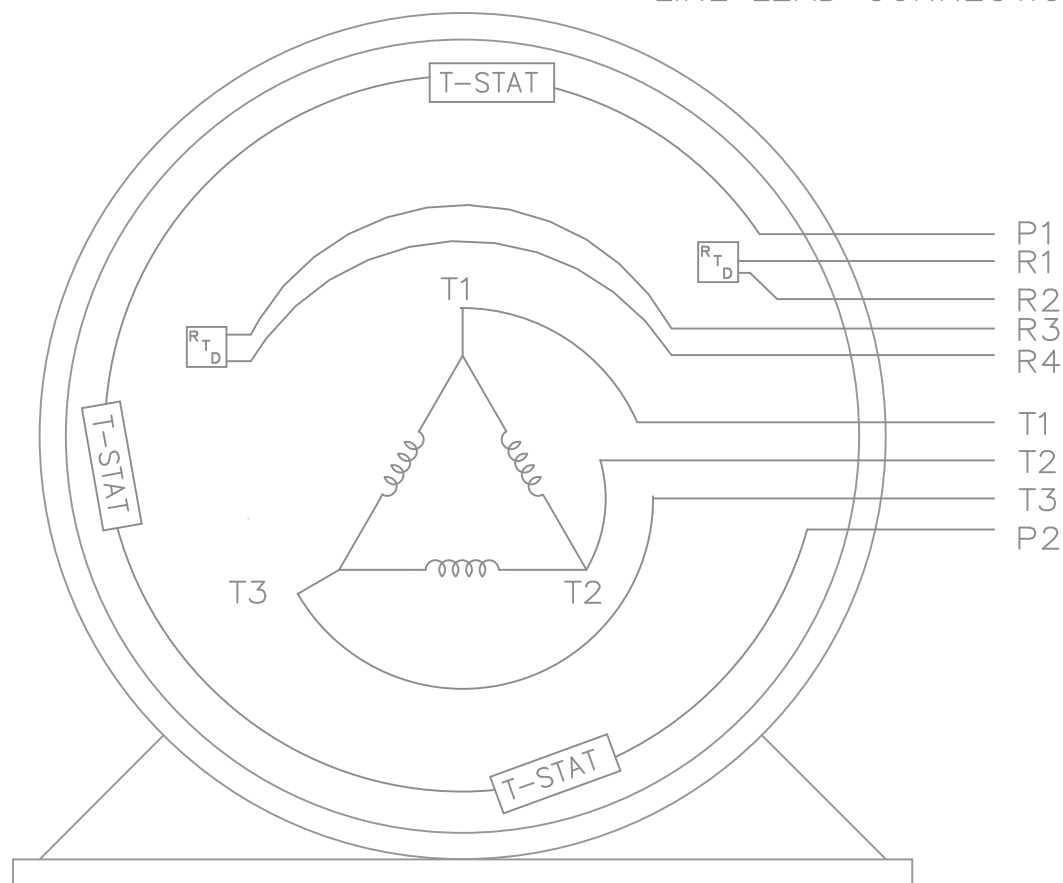
THREE PHASE – SINGLE VOLTAGE  
MOTOR OR INDUCTION GENERATOR

2 RTD'S

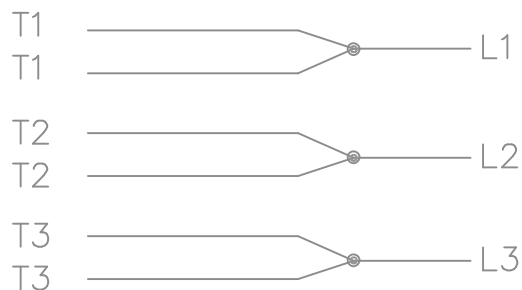
1 MARKED R1–R2,

1 MARKED R3–R4

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO  
LINE LEAD CONNECTIONS.



IF MOTOR HAS MULTIPLE  
T'S PER LEAD CONNECT  
TOGETHER LIKE T'S



A-9806 DECAL

VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN RJW 11-06-2006			
			DEC.	INCHES		CHK	ML	11-06-2006	
			.X	±.1	TITLE CONNECTION DIAGRAM – EXTERNAL SINGLE VOLTAGE 3Ø MOTOR	APPD	EAB	11-06-2006	
			.XX	±.02		SCALE	1=1		
			.XXX	±.005		REF			
			.XXXX	±.0005		FMF	MU76188		
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV			
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