

PRODUCT INFORMATION PACKET

marathon®
Motors

Model No: 5011LHFS18589
Catalog No: 5011LHFS18589
300,1000,TEBC,5011L,3/50/690

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The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.

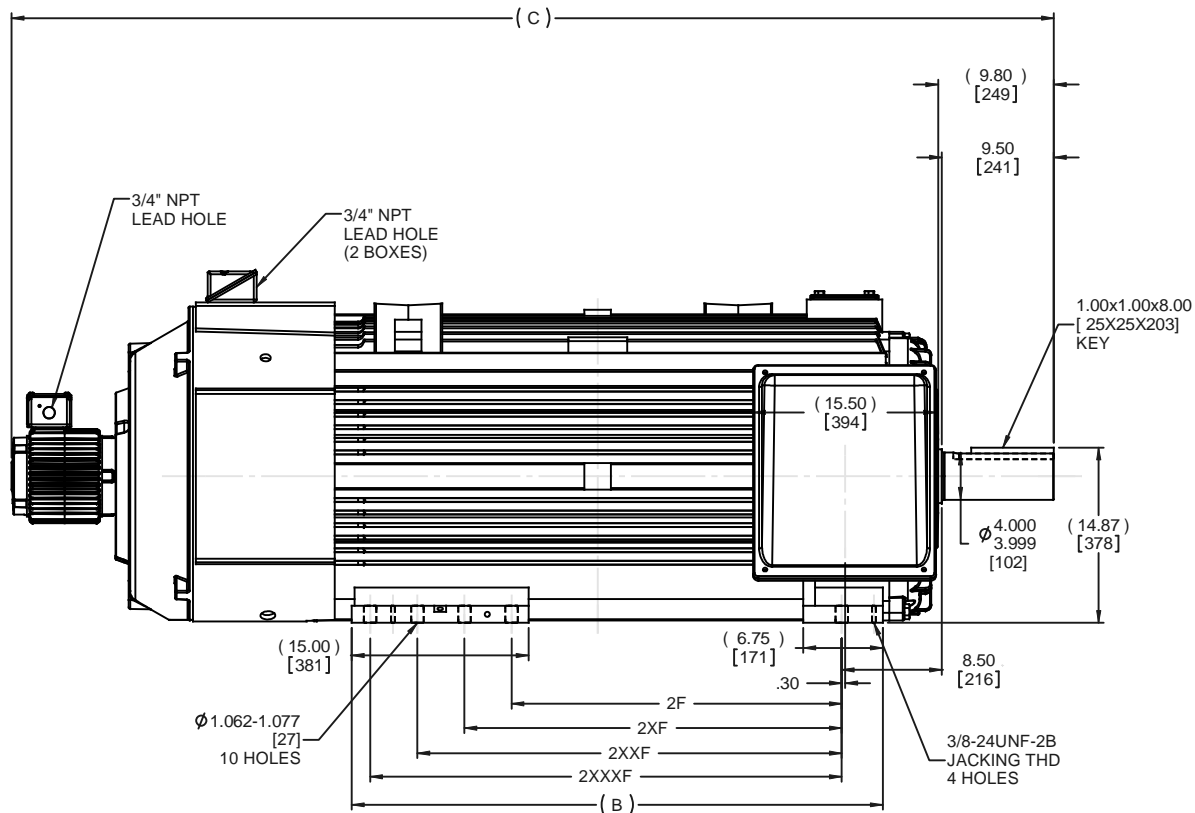
Nameplate Specifications

Phase	3	Output HP	300 Hp
Output KW	224.0 kW	Voltage	690 V
Speed	990 rpm	Service Factor	1
Frame	5011L	Enclosure	TEBC
Thermal Protection	Thermostat	Efficiency	96.5 %
Ambient Temperature	40 °C	Frequency	50 Hz
Current	231.0 A	Power Factor	82
Duty	Continuous	Insulation Class	H
Design Code	A	KVA Code	K
Drive End Bearing Size	6324	Opp Drive End Bearing Size	6318
UL	No	CSA	Y
CE	N	IP Code	54
Number of Speeds	1		

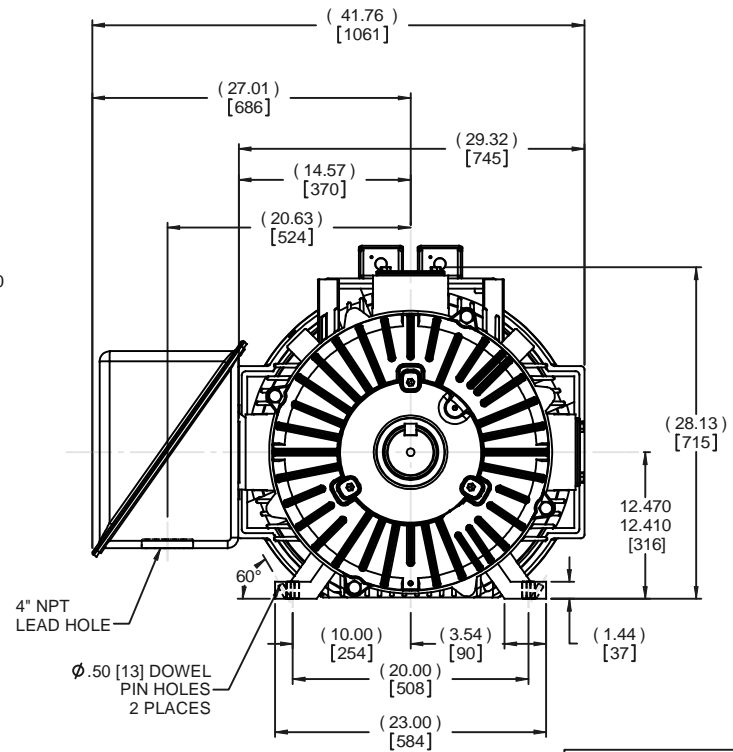
Technical Specifications

Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	6	Rotation	Reversible
Resistance Main	.012 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-SS553555-4950	Connection Drawing	A-EE7300LE

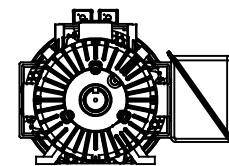
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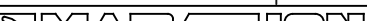
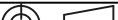
- NOTES:
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
 3. MOTOR WEIGHT (MAXIMUM) = LBS
 4. DIMENSIONS IN [] ARE IN MILLIMETERS.



F2 VIEW



DASH	FRAME	B	C	2F	2XF	2XXF	2XXXF
4950	5009L	45.05 [1144]	88.42 [2246]	28.00 [711]			
4950	5010L	45.05 [1144]	88.42 [2246]		32.00 [813]		
4950	5011L	45.05 [1144]	88.42 [2246]			36.00 [914]	
4950	5012L	45.05 [1144]	88.42 [2246]				40.00 [1016]

				TOLERANCES UNLESS SPECIFIED				DRAWN CTO 03-18-2009	
				DEC INCHES				CHK MH 04-17-2009	
				X ±.1				APPR MJS 04-17-2009	
				XX ±.03		TITLE OUTLINE - AXIAL BLOWER 5009-5012 LR. - F1/F2/F3 MT.		SCALE 1:10.5	
				XXX ±.005				REF	
1 CORRECTED B DIM. & REMOVED BS COL. FROM TABLE				JJB 04/02/2009		MATL		FMF MU90231	
NO REVISION				BY & DATE		CHK ANG ±7°30"		PAGE OF	
<div>THIRD ANGLE PROJECTION</div> 				RFP 04-17-2009		PREV		SIZE DRAWING NO	
				NETWORK FILE NAME		SS553555		B SS553555	
								REV 1	

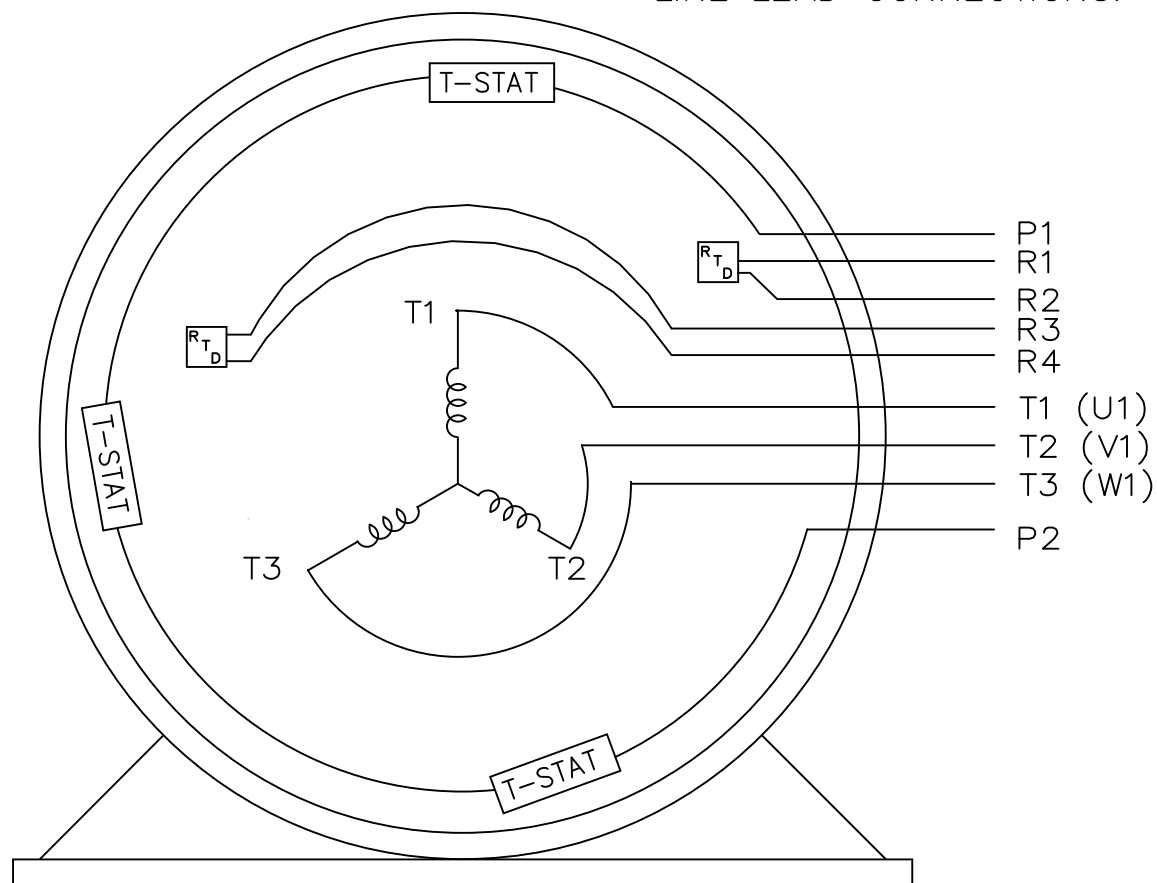
THREE PHASE – SINGLE VOLTAGE
MOTOR OR INDUCTION GENERATOR

2 RTD'S

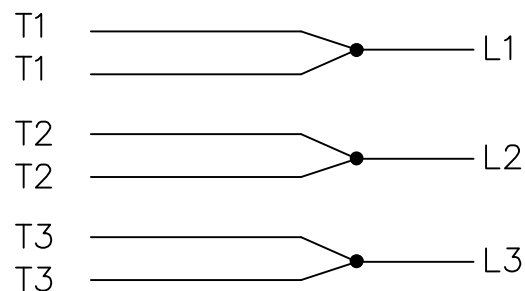
1 MARKED R1–R2,

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			DRAWN RJW 11-09-2006		
			DEC.	INCHES		CHK ML 11-09-2006		
			.X	±.1		APPD EAB 11-09-2006		
			.XX	±.02		SCALE		
			.XXX	±.005		REF		
1	ADDED (U1, V1 & W1) TO LEADS	RJW 08-23-07	ML	.XXXX ±.0005	TITLE CONNECTION DIAGRAM – EXTERNAL SINGLE VOLTAGE 3Ø MOTOR	MAT'L.		
NO.	REVISION	BY & DATE	CHK	ANG ±7'30"		FINISH		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT			RFP	11-09-2006	CAD FILE	EE7300LE	SIZE	DRAWING NO.
			DIST	WA			A	EE7300LE
								REV.
								1