

# PRODUCT INFORMATION PACKET

Model No: 5011LXVFS18578  
Catalog No: 5011LXVFS18578  
300,1200,TEFC,5011LX,3/60/4160

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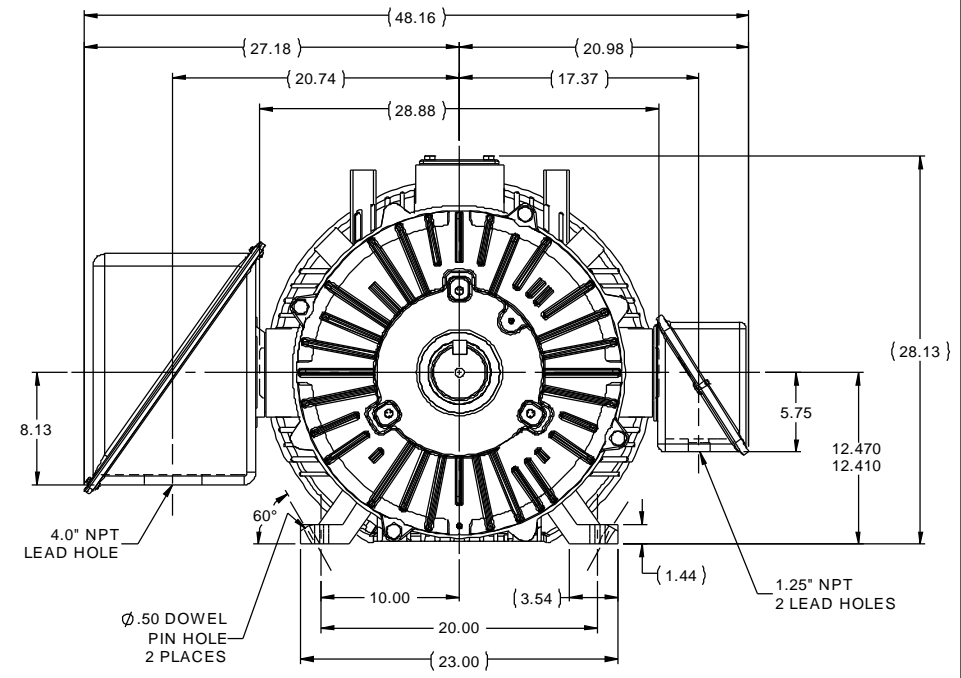
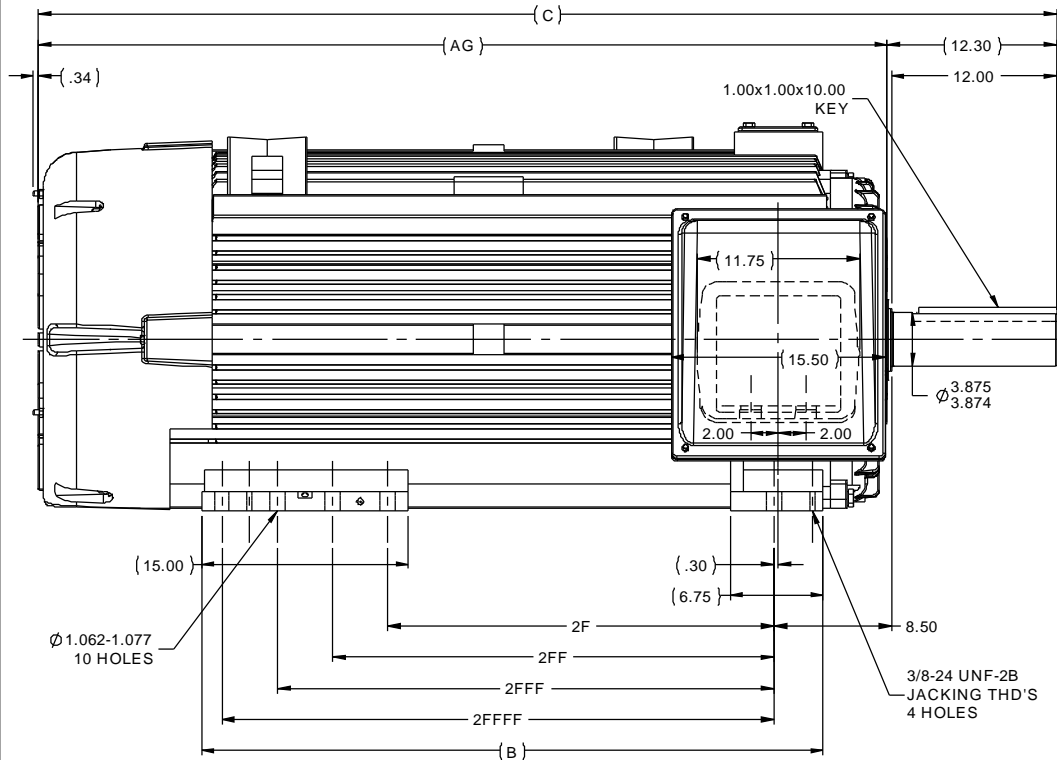
### Nameplate Specifications

Output HP	<b>300 Hp</b>	Output KW	<b>224.0 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>4160 V</b>
Current	<b>40.5 A</b>	Speed	<b>1190 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>95.8 %</b>	Power Factor	<b>80</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>G</b>
Frame	<b>5011LX</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>No Protection</b>	Ambient Temperature	<b>40 °C</b>
Drive End Bearing Size	<b>NU324</b>	Opp Drive End Bearing Size	<b>6318</b>
UL	<b>No</b>	CSA	<b>Y</b>
CE	<b>N</b>	IP Code	<b>54</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.23 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Roller</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Cast Iron</b>
Shaft Type	<b>LX</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>B-SS518707-4950</b>	Connection Drawing	<b>A-EE7300JU</b>

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- NOTES:
1. MAIN CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
  2. AUX. CONDUIT BOX CAN BE ROTATED 180°.
  3. NAMEPLATES TO BE READ FROM MAIN CONDUIT BOX SIDE OF MOTOR.
  4. MOTOR WEIGHT (MAXIMUM) = 5,500 LBS.

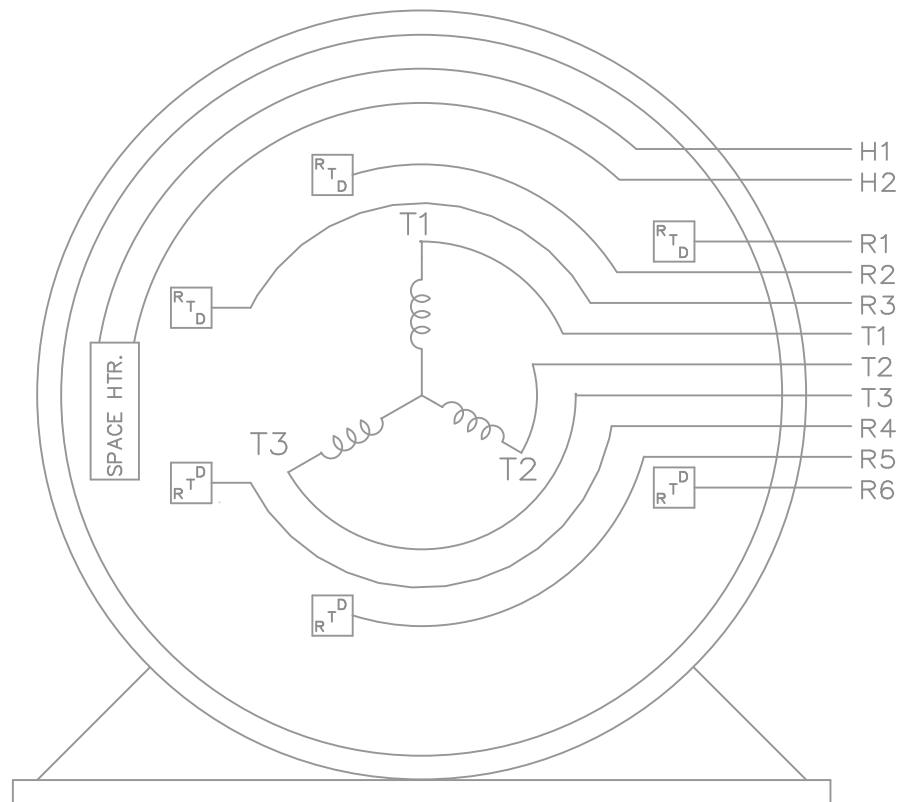
(B-SS518452)

DASH	FRAME	B	C	AG	2F	2FF	2FFF	2FFFF
4950	5009LX	45.05	73.80	61.51	28.00			
4950	5010LX	45.05	73.80	61.51		32.00		
4950	5011LX	45.05	73.80	61.51			36.00	
4950	5012LX	45.05	73.80	61.51				40.00

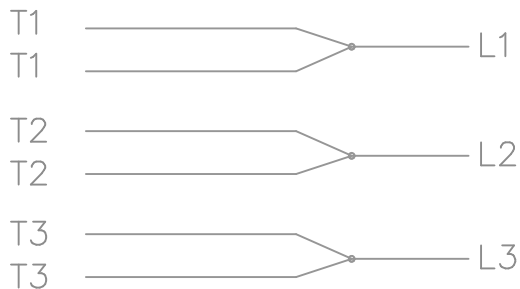
4 REDRAWN IN SOLIDWORKS - FIXED BS DIM PER ECO-0036077		JHA 08-30-2013	DJK	DEC	INCHES		DRAWN HLB 09-07-2001
3 ADDED .50" MATERIAL TO C'BOX MTG. AREA, 48.08 WAS			X		±.1		CHK ML 09-19-2001
47.58, 27.18 WAS 26.68, 20.75 WAS 20.25 CN 37629		MSG 02-26-2004	ML	XX	±.03		APPR GK 09-19-2001
2 ADDED MISSING FOOT DIMENSIONS CN 34303		HLB 11-06-2001		XXX	±.005		SCALE 1:9
1 NEW DRAWING - DEV ENG CN 4303		HLB 09-19-2001		XXXX	±.0005	TITLE OUTLINE - TEFC - F1/F2/F3 MOUNT	REF
NO REVISION		BY & DATE	CHK	LANG	±7'30"	MATL	FMF
THIRD ANGLE PROJECTION			RFP	ANG		FINISH	PAGE OF
						PREV	REV
						SIZE B	DRAWING NO SS518707
							REV 4

THREE PHASE – SINGLE VOLTAGE  
MOTOR OR INDUCTION GENERATOR  
WITH 6 RTD'S 2 PER PHASE MARKED  
R1–R6 & 2 SPACE HEATER LEADS  
MARKED H1–H2

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 KL 04-09-2003	
				DEC.	INCHES		CHK GFH 04-09-2003	
				.X	± -		APPD EAB 04-09-2003	
				.XX	± -		SCALE 1=1	
				.XXX	± -		REF	
1	NEW DRAWING	MU46074	KL 04-09-2003	.XXXX	± -	TITLE CONNECTION DIAGRAM – SGL. VOLTAGE 3Ø MOTOR OR INDUCTION GENERATOR		FMF
NO.	REVISION		BY & DATE	CHK	ANG	± -	FINISH	PREV
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	CAD FILE EE7300JU		SIZE	DRAWING NO. PAGE OF REV.
				DIST	WA-LB		A	EE7300JU 1