

PRODUCT INFORMATION PACKET

Model No: 5011LXVFS6547
Catalog No: Y939
600,1800,TEFC,5011LX(BAR),3/60/2300/4000
Medium And High Voltage NEMA



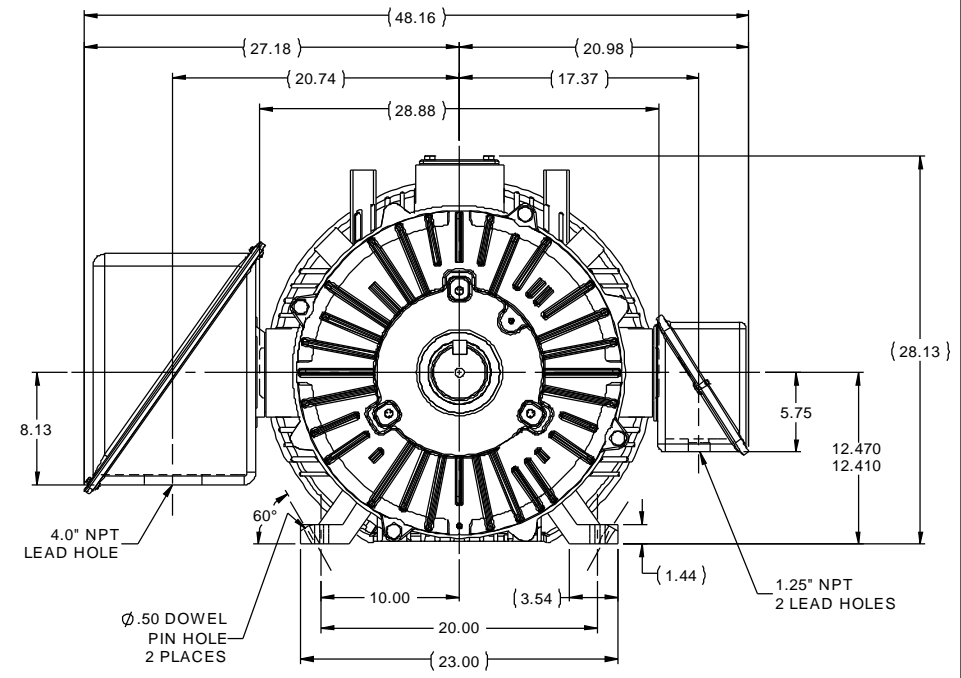
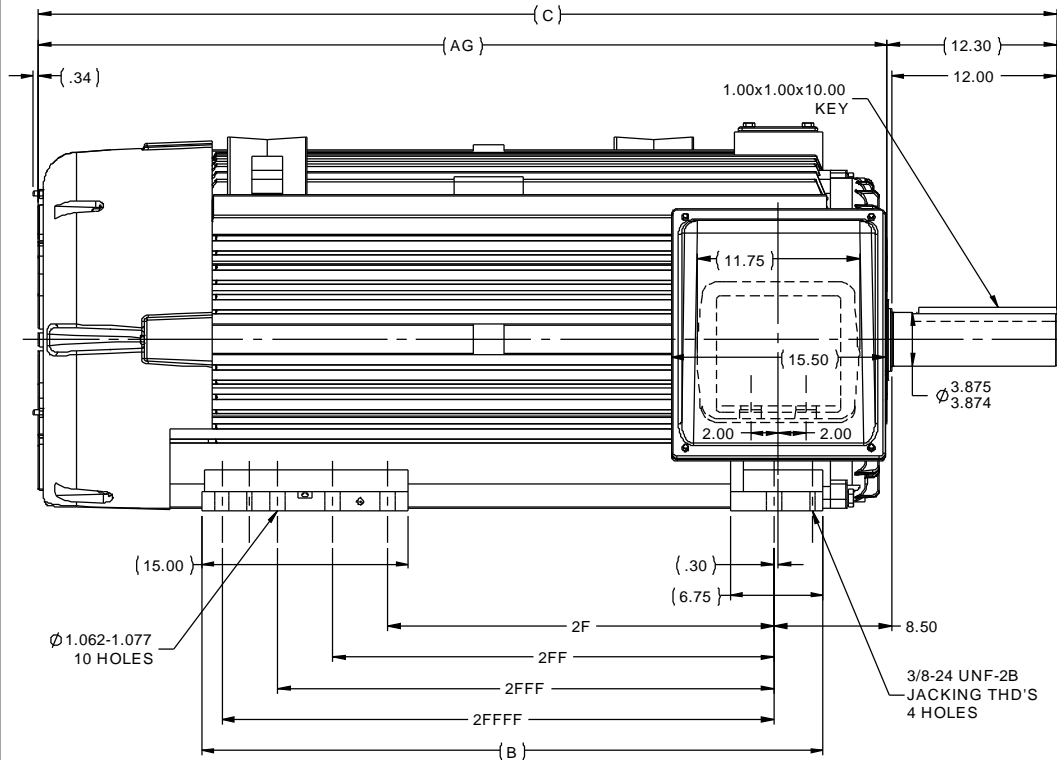
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Nameplate Specifications

Output HP	600 Hp	Output KW	450 kW
Frequency	60 Hz	Voltage	2300/4000 V
Current	136/78 A	Speed	1788 rpm
Service Factor	1.15	Phase	3
Efficiency	96.5 %	Duty	CONTINUOUS
Insulation Class	H	Design Code	B
KVA Code	G	Frame	5011LX
Enclosure	TEFC	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6324
Opp Drive End Bearing Size	6318	UL	No
CSA	Y	CE	N
IP Code	55		

Technical Specifications

Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	4	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	CAST IRON	Shaft Type	LX
Overall Length	73.8 in	Frame Length	49.5 in
Shaft Diameter	3.88 in	Shaft Extension	12.3 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	B-SS518707-4950	Connection Diagram	A-EE7304AC



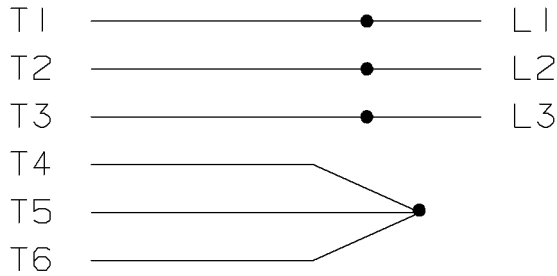
- NOTES:
1. MAIN CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. AUX. CONDUIT BOX CAN BE ROTATED 180°.
 3. NAMEPLATES TO BE READ FROM MAIN CONDUIT BOX SIDE OF MOTOR.
 4. MOTOR WEIGHT (MAXIMUM) = 5,500 LBS.

(B-SS518452)

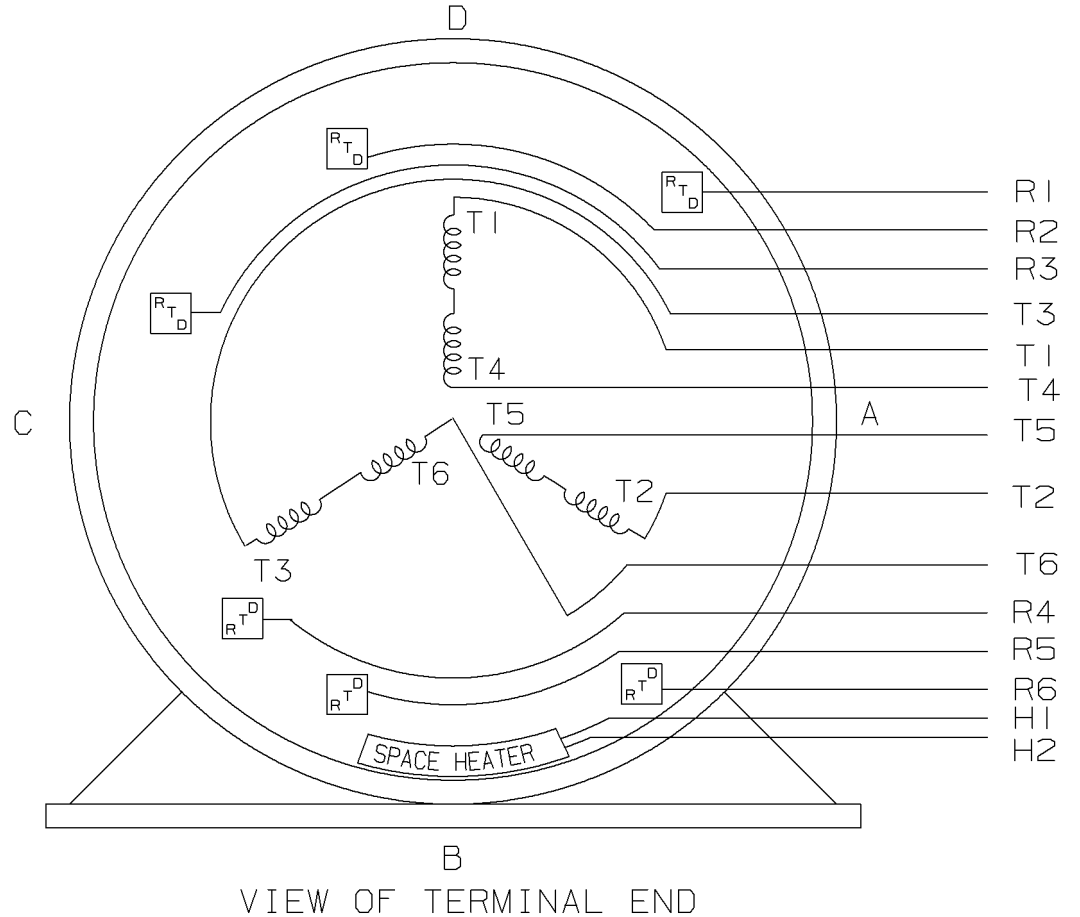
DASH	FRAME	B	C	AG	2F	2FF	2FFF	2FFFF
4950	5009LX	45.05	73.80	61.51	28.00			
4950	5010LX	45.05	73.80	61.51		32.00		
4950	5011LX	45.05	73.80	61.51			36.00	
4950	5012LX	45.05	73.80	61.51				40.00

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 47.58, 27.18 WAS 26.68, 20.75 WAS 20.25 CN 37629		MSG 02-26-2004	ML	XX	±.03		CHK ML 09-19-2001
2 ADDED MISSING FOOT DIMENSIONS CN 34303		HLB 11-06-2001		XXX	±.005	TITLE OUTLINE - TEFC - F1/F2/F3 MOUNT	APPR GK 09-19-2001
1 NEW DRAWING - DEV ENG CN 4303		HLB 09-19-2001		XXXX	±.0005	MATL 5009-12LX FR. - CAST CONDUIT BOX	SCALE 1:9
NO	REVISION	BY & DATE	CHK	LANG	±.730"	FINISH	REF
THIRD ANGLE PROJECTION			RFP			PREV	FMF
							PAGE OF
							SIZE
							DRAWING NO
							SS518707
							REV
							4

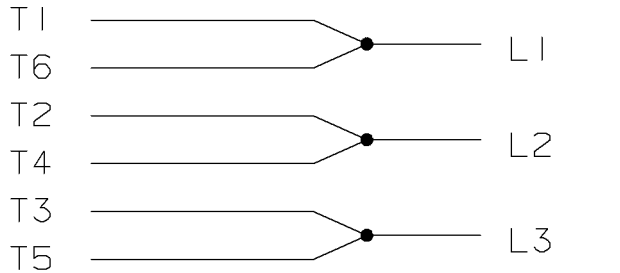
HIGH VOLTAGE
"Y" CONNECTION



THREE PHASE - DUAL VOLTAGE
WITH 6 RTD'S 2 PER PHASE AND SPACE HEATER



LOW VOLTAGE - DELTA



VIEW OF TERMINAL END

				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±		
				MATL SPEC			DRAWN BY CAE 05-07-1999
				FINISH			CHKD BY
I		NEW DRAWING	MU 25017	CAE	WAUSAU, WISCONSIN 54401		APPD BY
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM - THREE PHASE DUAL VOLTAGE 6 RTD'S & SPACE HEATER			DRWG NO A-EE7304AC

SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM

CADD FILE NO.

EE7304AC

```
ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--
```

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STACK:
```

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-dictionary-  
-dictionary-  
/Pscript_WinNT_Compact  
-dictionary-
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CERTIFICATION DATA SHEET

Model#: 5011LXVFS6547 BF **WINDING#:** V511457 NONE 0
CONN. DIAGRAM: A-EE7304AC **ASSEMBLY:** F1/F2 CAPABLE
OUTLINE: B-SS518707-4950

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
600	450	1800	1788	5011LX	TEFC	G	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	2300/4000	136/78	ACROSS THE LINE	CONTINUOUS	H1	1.15	40	3300

FULL LOAD EFF: 96.5	3/4 LOAD EFF: 96.5	1/2 LOAD EFF: 95.8	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 85	3/4 LOAD PF: 82	1/2 LOAD PF: 75	96.2	SQ CAGE IND RUN	48 / 27.6

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
1765 LB-FT	900 / 517.5	2300 LB-FT 130	4500 LB-FT 255	85

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
88 dBA	98 dBA	275 LB-FT^2	- LB-FT^2	20 SEC.	-	5550 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	PREMIUM SEVERE DUTY	NONE	FALSE	NONE	BLUE (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	LX	NONE	NONE	4140 STRESSPROOF (C-214)	CAST IRON
6324	6318						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	PLATINUM TWO PER PHASE 100	NONE	NONE	FALSE	120 VOLTS

If Inverter equals NONE, contact factory for further information

INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

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 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

