PRODUCT INFORMATION PACKET

Model No: SD6S20T61YET1
Catalog No: LM28132
20HP..1200RPM.286T.ODP.230/460V.3PH.60HZ.ELEVATOR.NOT.40C.1.0SF.RIDGID..
Elevator Duty

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Nameplate Specifications

Output HP	**20 Hp**	Output KW	**14.9 kW**
Frequency	**60 Hz**	Voltage	**230/460 V**
Current	**61/30.5 A**	Speed	**1182 rpm**
Service Factor	**1**	Phase	**3**
Efficiency	**85.5 %**	Duty	**SPECIAL**
Insulation Class	**F**	Design Code	**INV**
KVA Code	**L**	Frame	**286T**
Enclosure	**DP**	Overload Protector	**NOT**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**310**
Opp Drive End Bearing Size	**209**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**22**		

Technical Specifications

Electrical Type	**SQ CAGE INV DUTY**	Starting Method	**Y START D RUN OR INV**
Poles	**6**	Rotation	**REV**
Mounting	**RIGID**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**ROLLED STEEL**	Shaft Type	**T**
Overall Length	**27.96 in**	Frame Length	**14.48 in**
Shaft Diameter	**1.88 in**	Shaft Extension	**4.62 in**
Assembly/Box Mounting	**F1/F2 CAPABLE**		
Outline Drawing	**XF2D1ES33B-1448**	Connection Diagram	**A-EE7308BZ-LN**

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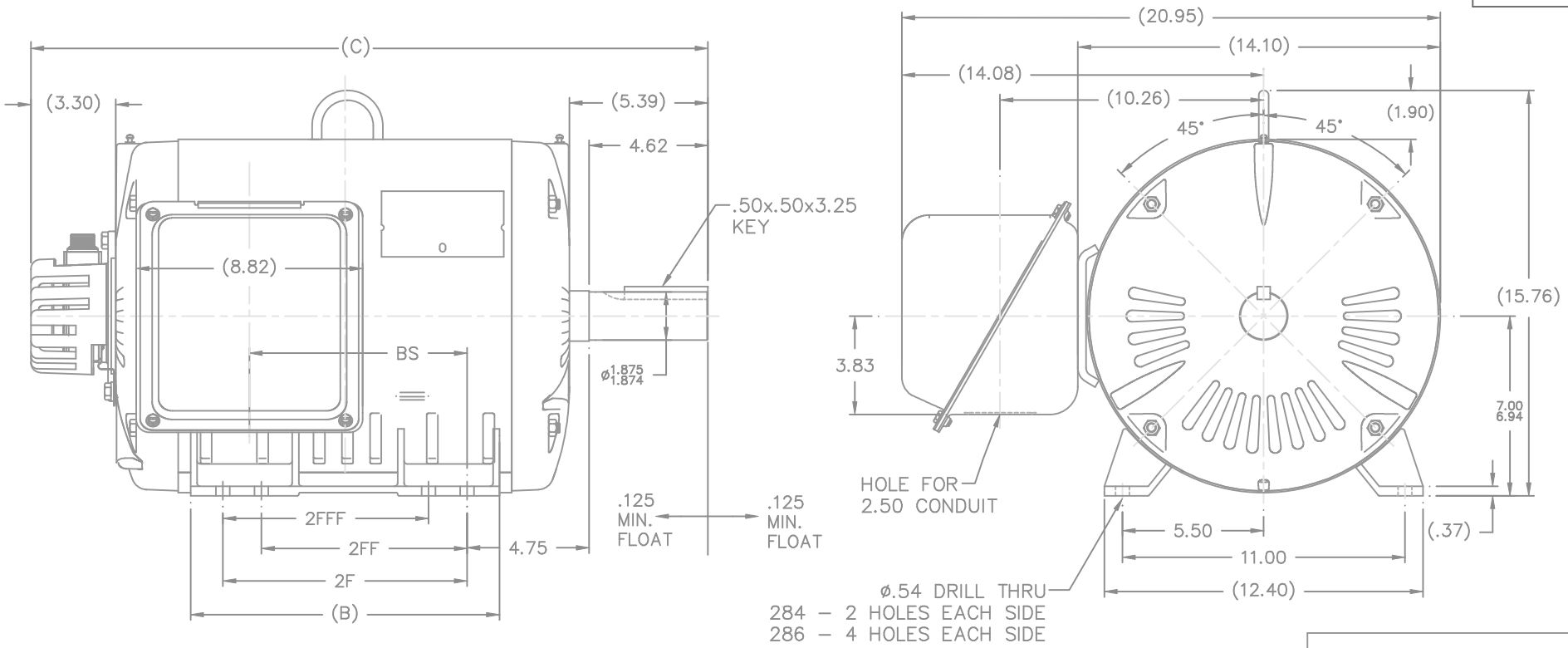

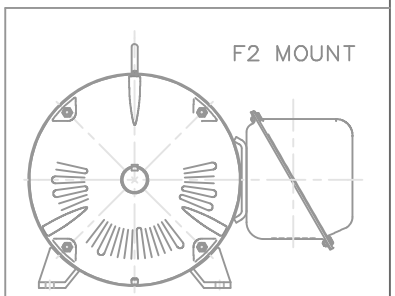

NOTES:

1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS
2. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	C	B	2F	2FF	2FFF	BS
1298	284T	26.46	12.02	9.50			8.47
1448	286T	27.96	13.52	11.00	9.50	9.50	9.97

NO.	REVISION	BY & DATE	CHK
1	NEW DRAWING MU43932	CTO 11-21-2002	HNH

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Lincoln MOTORS

TITLE OUTLINE W/ ENCODER
VVVF ELEVATOR HOIST MOTOR 280T ODP

MAT'L.
FINISH
CAD FILE xf2d1es33b
RFP
DIST BY

DRAWN CTO 11-21-2002
CHK ML 11-21-2002
APPD HNH 11-21-2002
SCALE 1=4
REF
FMF
PREV

SIZE B | DRAWING NO. XF2D1ES33B | REV. 1

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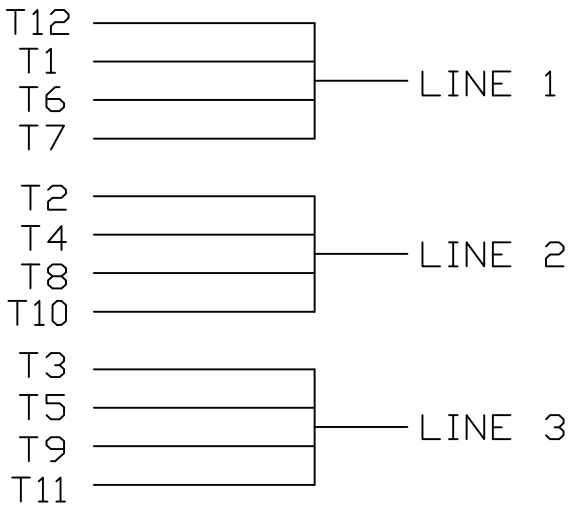
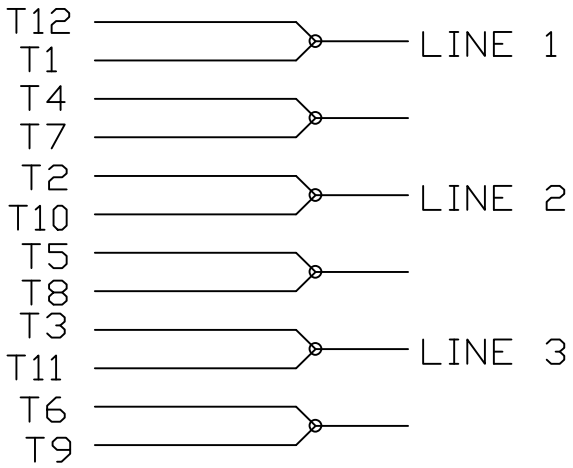
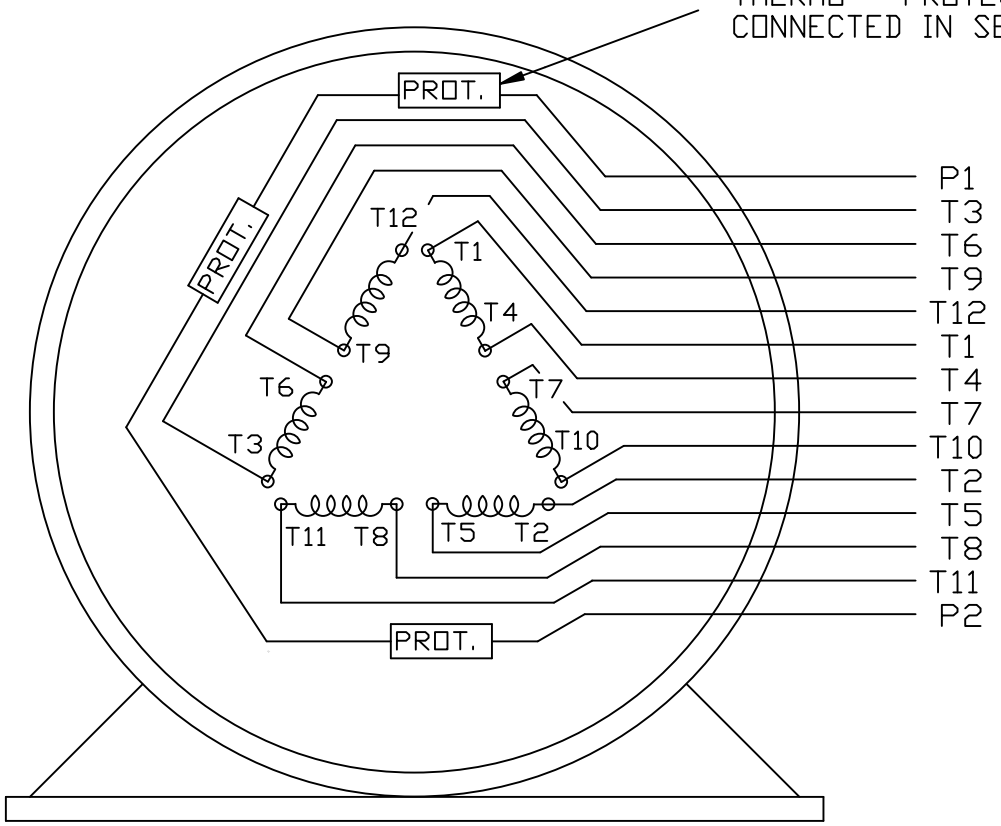
A- EE7308BZ-LN

LOW VOLTAGE



HIGH VOLTAGE





VIEW OF TERMINAL END

REV	DATE	CHANGE	NAME
2	08/17/2011	REMOVED NOTE 'L2 LEADS SINGLE VOLTAGE' MU103768	RFH
1	12-11-2000	NEW DRAWING MU34925	KL

Lincoln MOTORS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOL. ON XX± XXX± XXXX± ANGLES±

MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED

FINISH

MATERIAL

DRAWN BY	KL	12-11-2000
CHKD BY	DJK	12-11-2000
APPD BY	DJK	12-11-2000

PART NAME: EXTERNAL CONNECTION DIAGRAM
3 PHASE - 2/1 DELTA - 12 LEADS

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