PRODUCT INFORMATION PACKET

Model No: SD6P12.5TCN61ET1
Catalog No: LM30734
..12.5HP..1200RPM.284TC.ODP.230/460V.3PH.60HZ.ELEVATOR.40C.1.0SF.C FACE.....NOT.....
Elevator Duty

Product Information Packet: Model No: SD6P12.5TCN61ET1, Catalog No:LM30734 ..12.5HP..1200RPM.284TC.ODP.230/460V.3PH.60HZ.ELEVATOR.40C.1.0SF.C FACE.....NOT.....

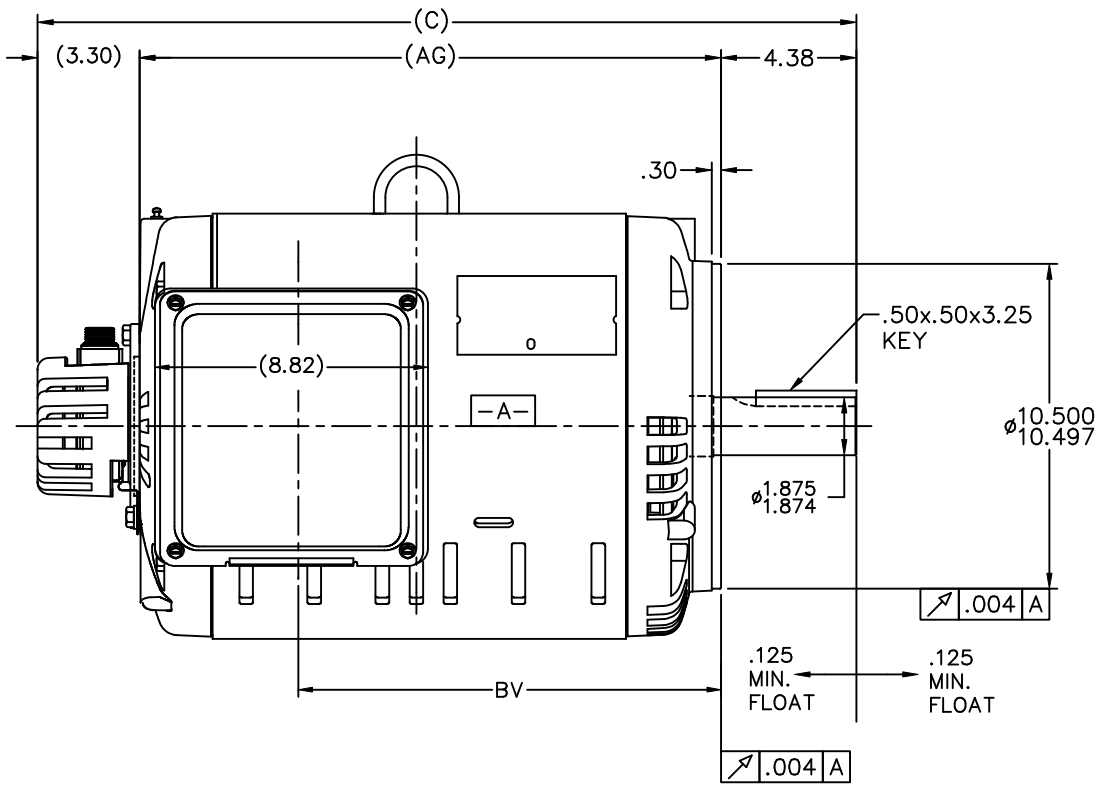
Nameplate Specifications

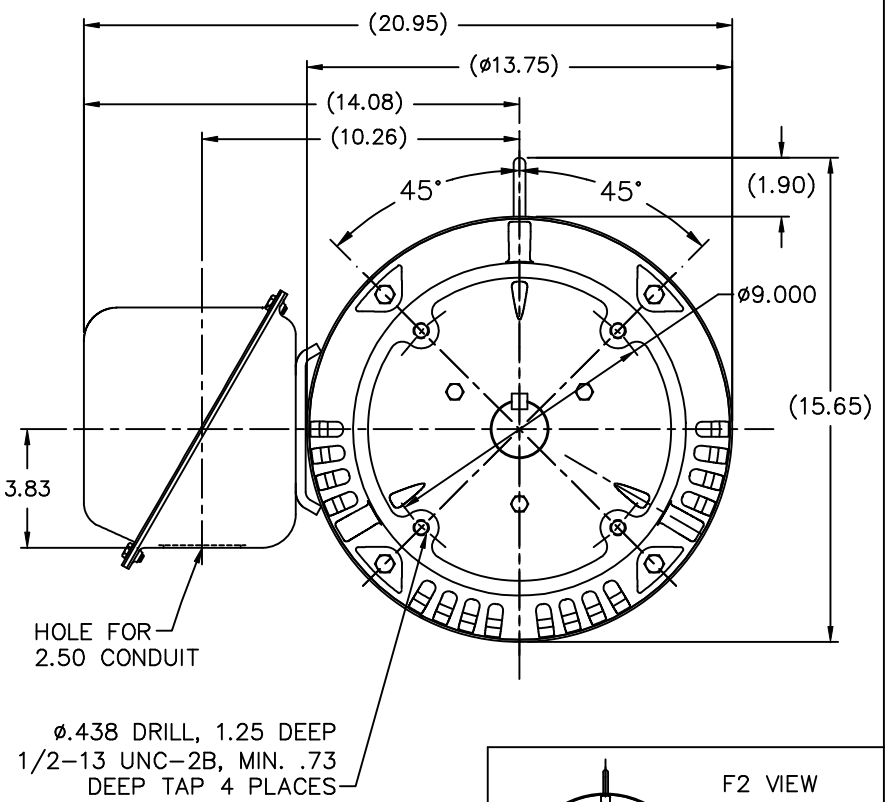
Output HP	**12.5 Hp**	Output KW	**9.3 kW**
Frequency	**60 Hz**	Voltage	**230/460 V**
Current	**51/25.5 A**	Speed	**1185 rpm**
Service Factor	**1**	Phase	**3**
Efficiency	**84.4 %**	Duty	**SPECIAL**
Insulation Class	**F**	Design Code	**INV**
KVA Code	**N**	Frame	**284TC**
Enclosure	**DP**	Overload Protector	**NOT**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**309**
Opp Drive End Bearing Size	**209**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**12**		

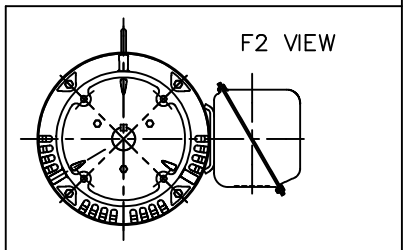
Technical Specifications

Electrical Type	**SQ CAGE INV DUTY**	Starting Method	**INVERTER ONLY**
Poles	**6**	Rotation	**REV**
Mounting	**ROUND**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**ROLLED STEEL**	Shaft Type	**T**
Overall Length	**26.47 in**	Frame Length	**12.98 in**
Shaft Diameter	**1.88 in**	Shaft Extension	**4.62 in**
Assembly/Box Mounting	**F1/F2 CAPABLE**		
Outline Drawing	**XF3D1EC33B-1298**	Connection Diagram	**A-EE7308BZ-LN**

XF3D1EC33B







NOTES:

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

DASH	FRAME	C	AG	BV
1298	284TC	26.47	18.79	13.66
1448	286TC	27.97	20.29	15.16

NO.	REVISION	BY & DATE	CHK
1	NEW DRAWING MU43624	CTO 12-03-2002	HNH

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

TITLE OUTLINE – IH950 ENCODER
VVVF ELEVATOR HOIST MOTOR 280TC ODP

MAT'L.
FINISH
CAD FILE xf3d1ec33b

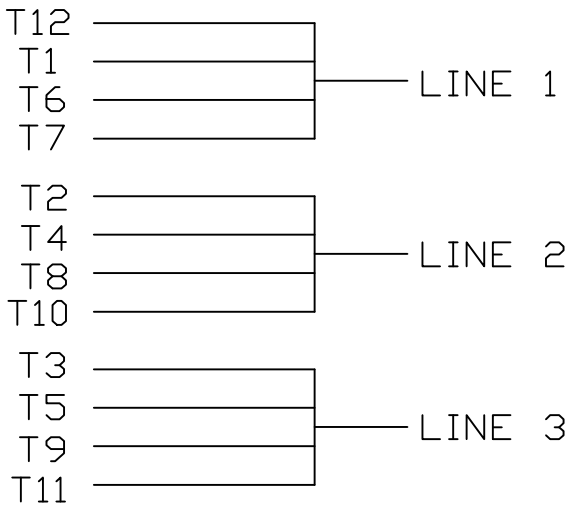
RFP
DIST BY

DRAWN CTO 11-20-2002
CHK DRS 12-03-2002
APPD HNH 12-03-2002
SCALE 1=4
REF
FMF
PREV

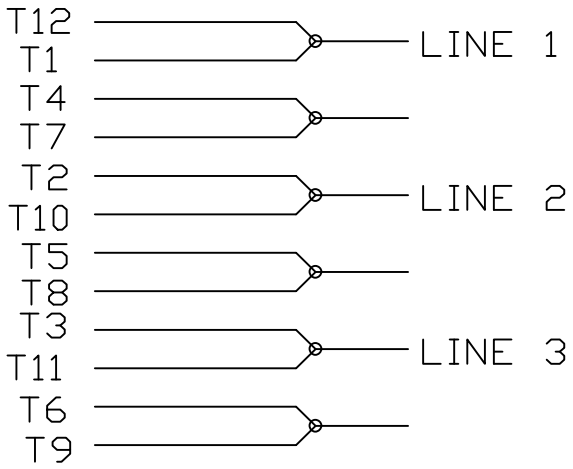
SIZE	DRAWING NO.	PAGE OF	REV.
B	XF3D1EC33B		1

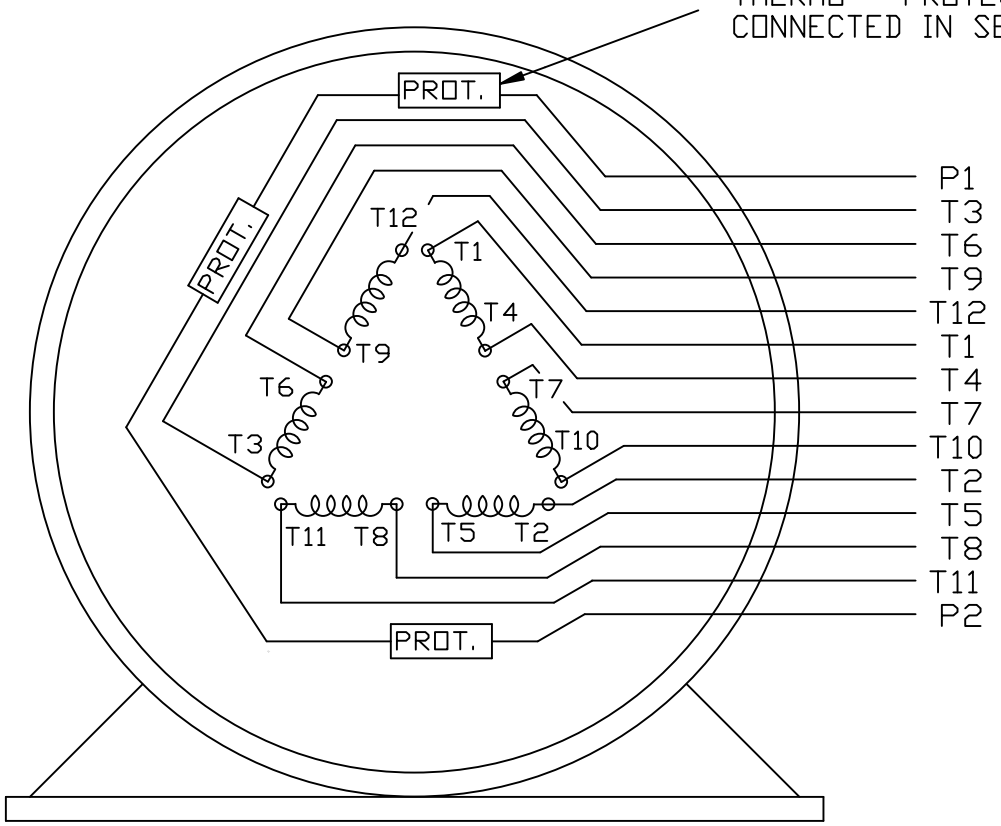
A- EE7308BZ-LN

LOW VOLTAGE



HIGH VOLTAGE





VIEW OF TERMINAL END

REV	DATE	CHANGE	NAME
2	08/17/2011	REMOVED NOTE MU103768 '12 LEADS SINGLE VOLTAGE'	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

DRWG NO: A- EE7308BZ-LN

PURCHASED | CADD FILE NO. EE7308BZ-LN

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