PRODUCT INFORMATION PACKET

Model No: SD6S20TCN6006YET1
Catalog No: LM28213
..20HP..1200RPM.286TC.ODP.200V.3PH.60HZ.ELEVATOR.40C.1.0SF.C FACE.....NOT.....
Elevator Duty

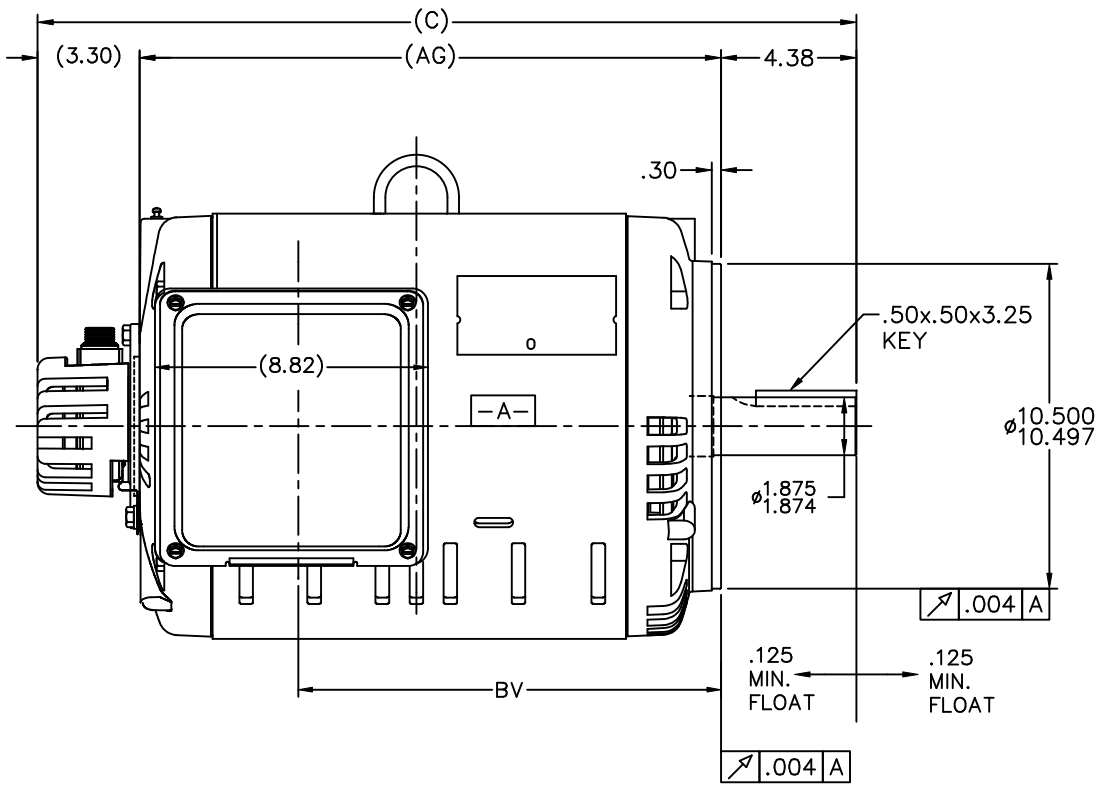
Nameplate Specifications

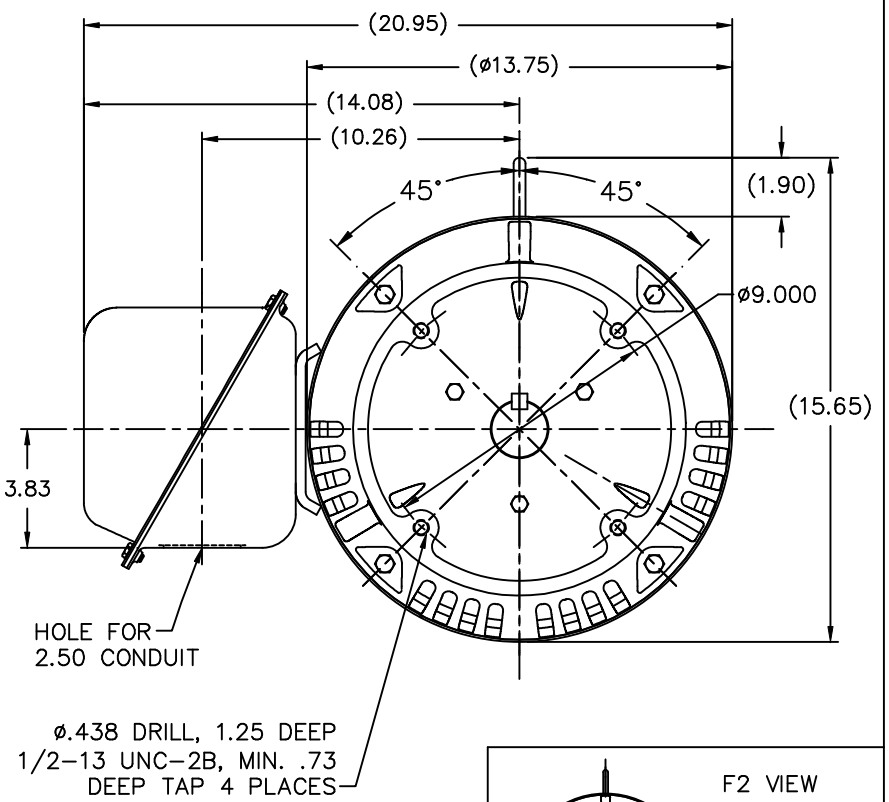
Output HP	**20 Hp**	Output KW	**14.9 kW**
Frequency	**60 Hz**	Voltage	**200 V**
Current	**70 A**	Speed	**1182 rpm**
Service Factor	**1**	Phase	**3**
Efficiency	**85.5 %**	Duty	**SPECIAL**
Insulation Class	**F**	Design Code	**INV**
KVA Code	**L**	Frame	**286TC**
Enclosure	**DP**	Overload Protector	**NOT**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**310**
Opp Drive End Bearing Size	**209**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**22**		

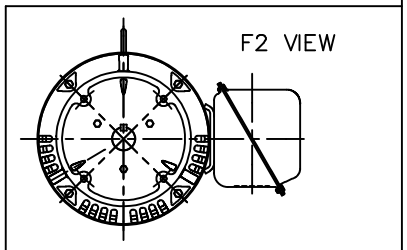
Technical Specifications

Electrical Type	**SQ CAGE INV DUTY**	Starting Method	**Y START D RUN OR INV**
Poles	**6**	Rotation	**REV**
Mounting	**ROUND**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**ROLLED STEEL**	Shaft Type	**T**
Overall Length	**27.97 in**	Frame Length	**14.48 in**
Shaft Diameter	**1.88 in**	Shaft Extension	**4.62 in**
Assembly/Box Mounting	**F1/F2 CAPABLE**		
Outline Drawing	**XF3D1EC33B-1448**	Connection Diagram	**A-EE7340AA-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"

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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	

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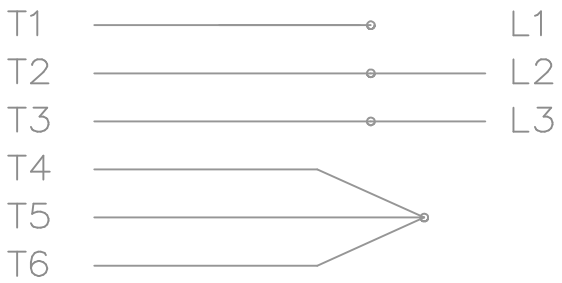
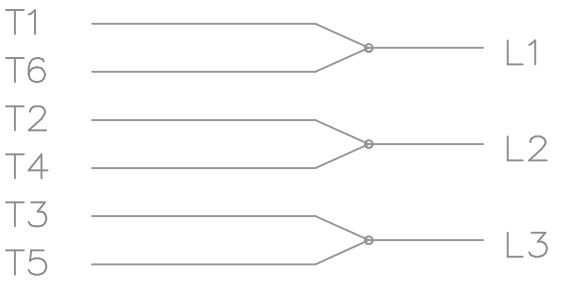
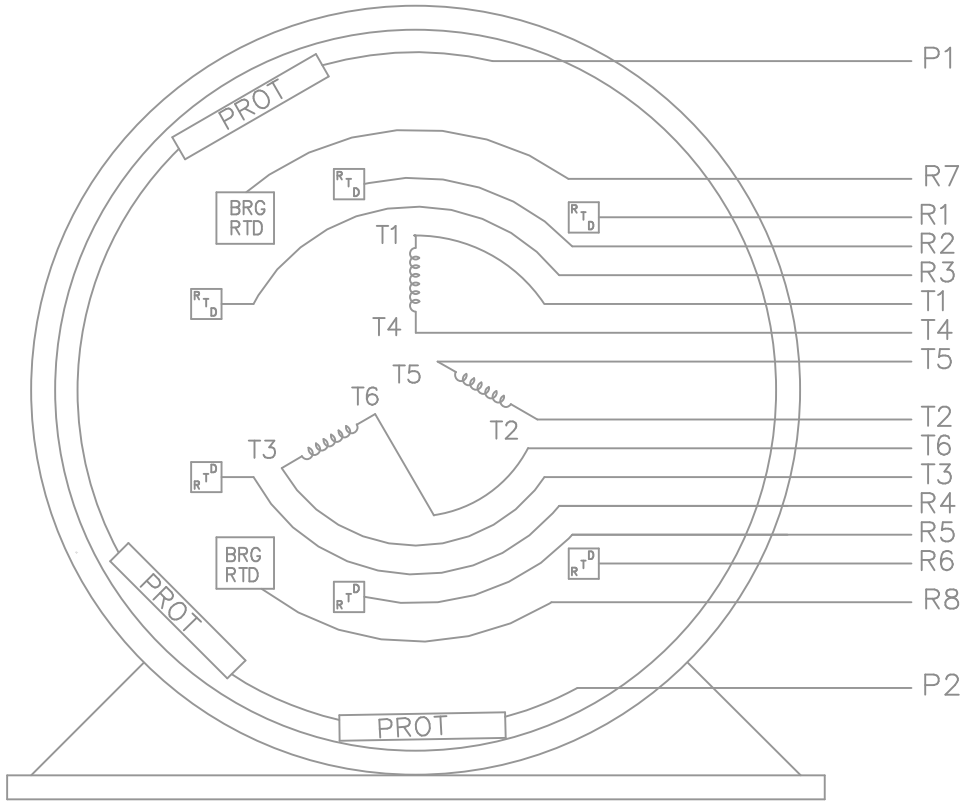
THREE PHASE – Y START
△ RUN MOTOR

START



RUN





VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED				DRAWN	LC 8–9–2005
				DEC.	INCHES			CHK	ML 8–9–2005
				.X	±	–		APPD	LC 8–9–2005
				.XX	±	–	TITLE CONNECTION DIAGRAM THREE PHASE – SINGLE VOLTAGE	SCALE	1=1
				.XXX	±	–		REF	
				.XXXX	±	–	MAT'L.	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±	–	FINISH	PREV	

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