PRODUCT INFORMATION PACKET

Model No: SD6P7.5TCN61ET1
Catalog No: LM28200
..7.5HP..1200RPM.254TCV.ODP.230/460V.3PH.60HZ.ELEVATOR.40C.1.0SF.C-FACE.....NOT.....
Elevator Duty

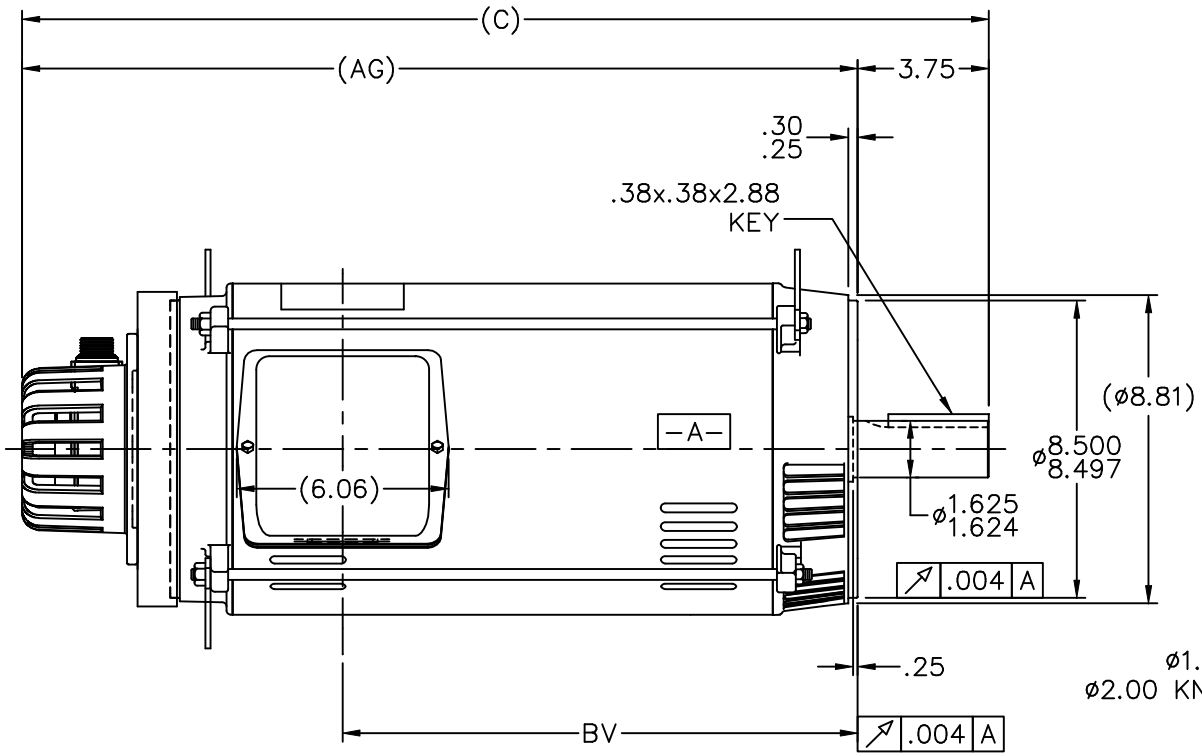
Product Information Packet: Model No: SD6P7.5TCN61ET1, Catalog No:LM28200 ..7.5HP..1200RPM.254TCV.ODP.230/460V.3PH.60HZ.ELEVATOR.40C.1.0SF.C-FACE.....NOT.....

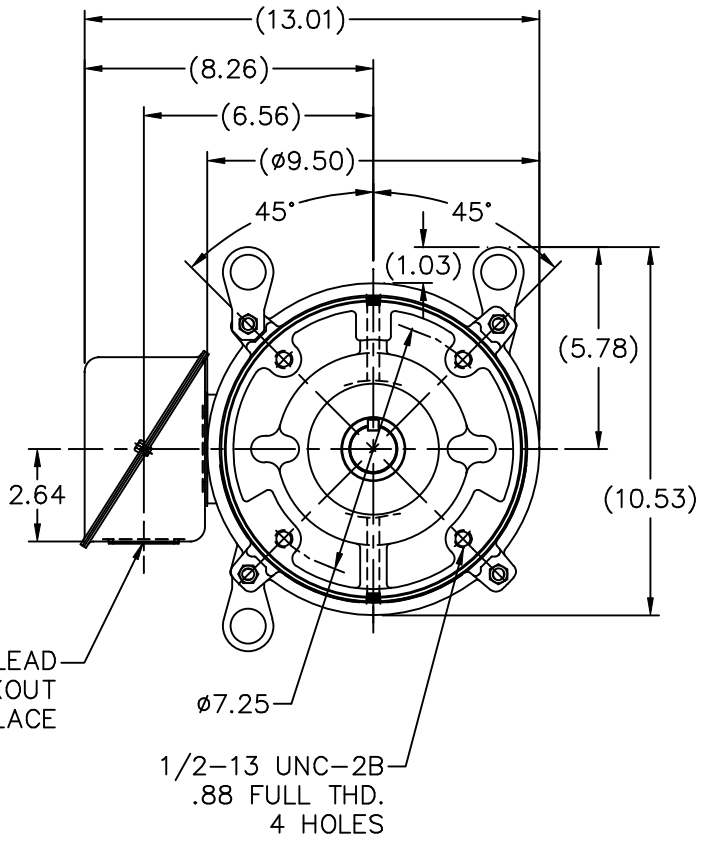
Nameplate Specifications

Output HP	**7.50 Hp**	Output KW	**5.6 kW**
Frequency	**60 Hz**	Voltage	**230/460 V**
Current	**19.0/9.5 A**	Speed	**1155 rpm**
Service Factor	**1**	Phase	**3**
Efficiency	**87.5 %**	Duty	**Elevator**
Insulation Class	**F**	Design Code	**INV**
KVA Code	**K**	Frame	**254TCV**
Enclosure	**Open Enclosed**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**309**
Opp Drive End Bearing Size	**208**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**10**		

Technical Specifications

Electrical Type	**Squirrel Cage Inverter Duty**	Starting Method	**Inverter Only**
Poles	**4**	Rotation	**Reversible**
Mounting	**Round**	Motor Orientation	**SHAFT DOWN**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**Rolled Steel**	Shaft Type	**T**
Overall Length	**25.90 in**	Frame Length	**13.40 in**
Shaft Diameter	**1.625 in**	Shaft Extension	**3.75 in**
Assembly/Box Mounting	**F1/F2 CAPABLE**		
Outline Drawing	**A-SS89419LN-1340**	Connection Diagram	**A-EE7308T-LN**





DASH	FRAME	C	AG	BV
1340	254TCV	25.90	22.15	12.76
1515	254/6TCV	27.65	23.90	14.50

NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)

NO.	REVISION	BY & DATE	CHK
2	ADDED VENTS TO REAR BKT. ISAAC #07–2780	RWR 11-09-2007	ML
1	REVISE O.D.E. BRKT PER ISAAC #07–2446	RWR 10-12-2007	ML

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Lincoln MOTORS

TITLE OUTLINE – STEEL C'BOX HS35 TACH 250TCV FR. – BB – DR.PR.

MAT'L.

FINISH

CAD FILE SS89419LN

RFP

DIST LB

DRAWN	TJW 8/27/2007
CHK	ML 8/27/2007
APPD	BW 8/27/2007
SCALE	1=5.5
REF	
FMF	MU81432
PREV	

SIZE	DRAWING NO.	PAGE	OF	REV.
A	SS89419LN			2

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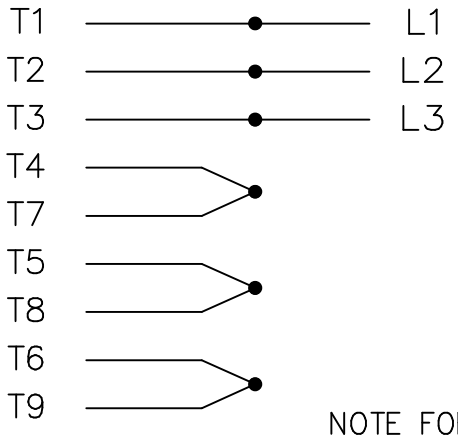
EE7308T-LN

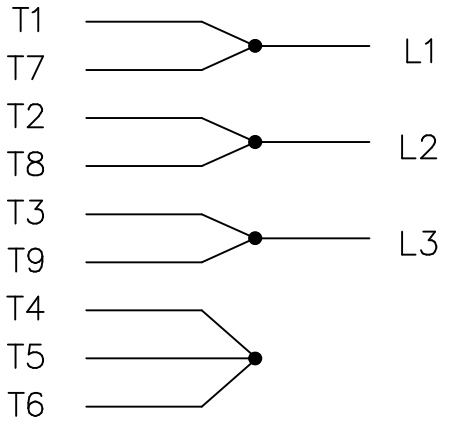
THREE PHASE
DUAL VOLTAGE MOTOR

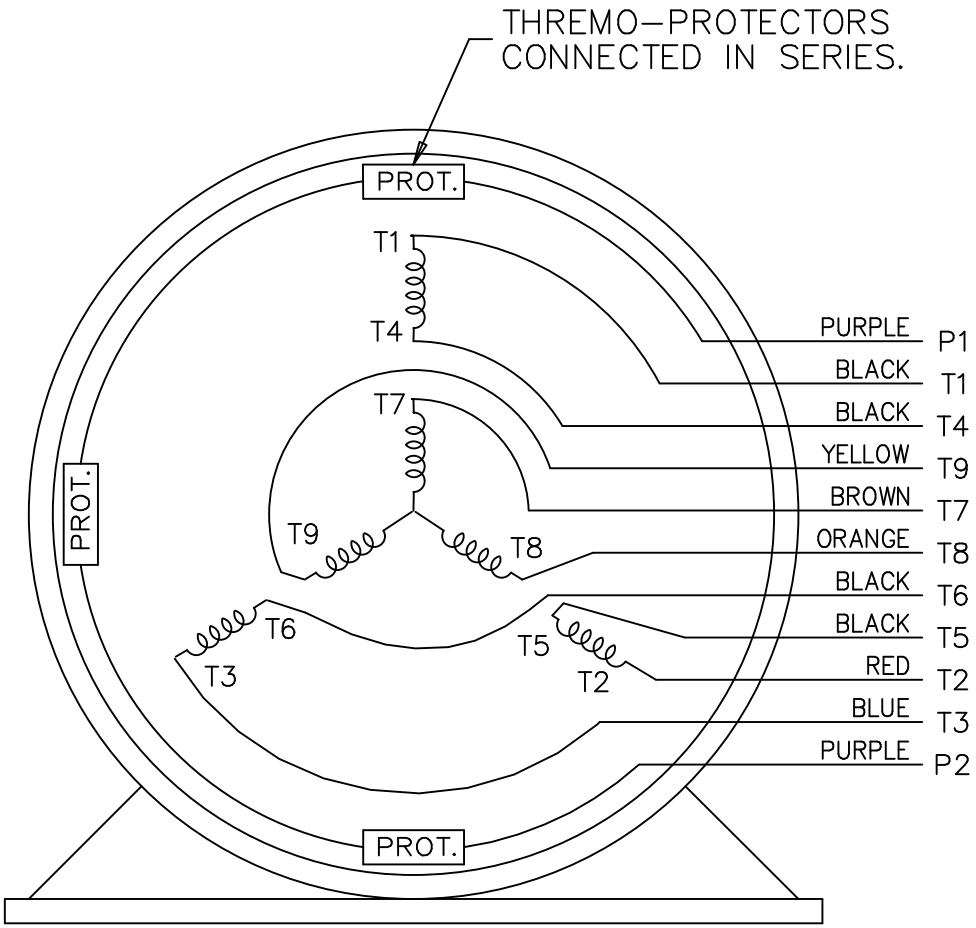
HIGH VOLTAGE



NOTE FOR FACTORY USE ONLY:
TO SURGE TEST FOR COMMON CONNECT:
HIGH VOLT: CONNECT P1 TO T1
THEN P2 TO L1
LOW VOLT: CONNECT P1 TO T1 & T7,
THEN P2 TO L1

LOW VOLTAGE





VIEW OF TERMINAL END

NO.	REVISION	BY & DATE	CHK
2	ADDED COLORS TO "T & P" LEADS CN 40494	MSG 08-08-2006	ML
1	NEW DRAWING	BJK 07-18-2002	DRS

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

TITLE CONNECTION DIAGRAM
3 PHASE – DUAL VOLTAGE MOTOR

MAT'L.

FINISH

CAD FILE ee7308t_ln

RFP

DIST LB

DRAWN BJK 07-16-2002
CHK DRS 07-18-2002
APPD GK 07-18-2002
SCALE 1=1
REF
FMF
PREV

SIZE	DRAWING NO.	PAGE	OF	REV.
A	EE7308T-LN			2

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