PRODUCT INFORMATION PACKET

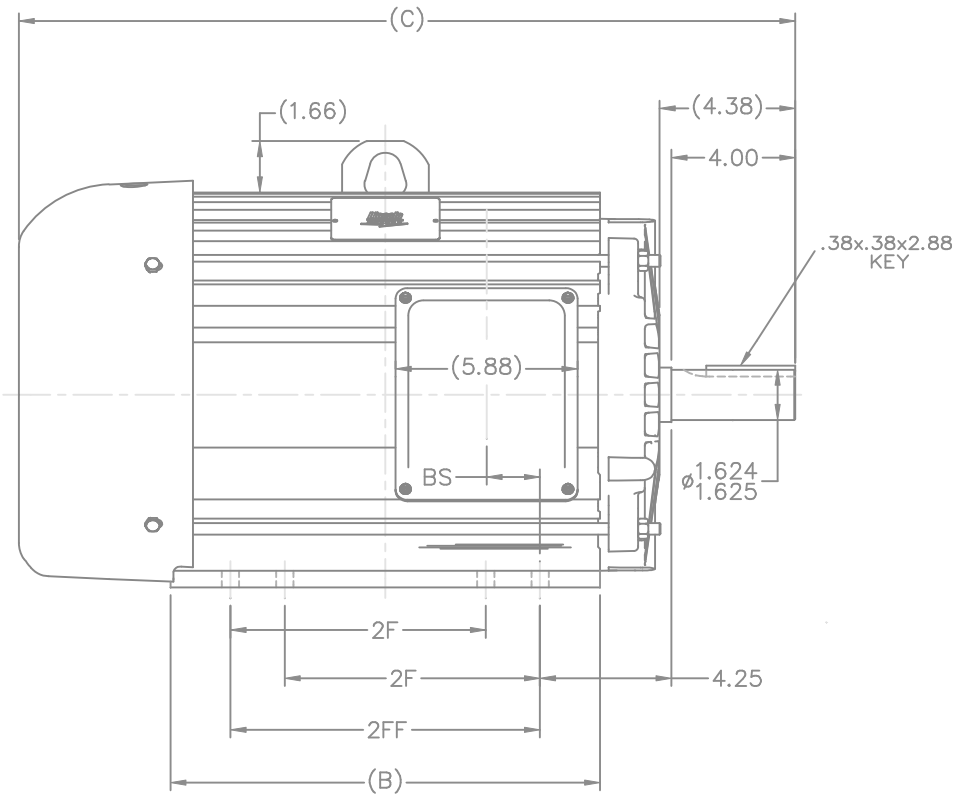
Model No: AAF2B15T61
Catalog No: LM15670
15,3600,TEFC,254T,3/60/230/460
Totally Enclosed Fan Cooled (TEFC)

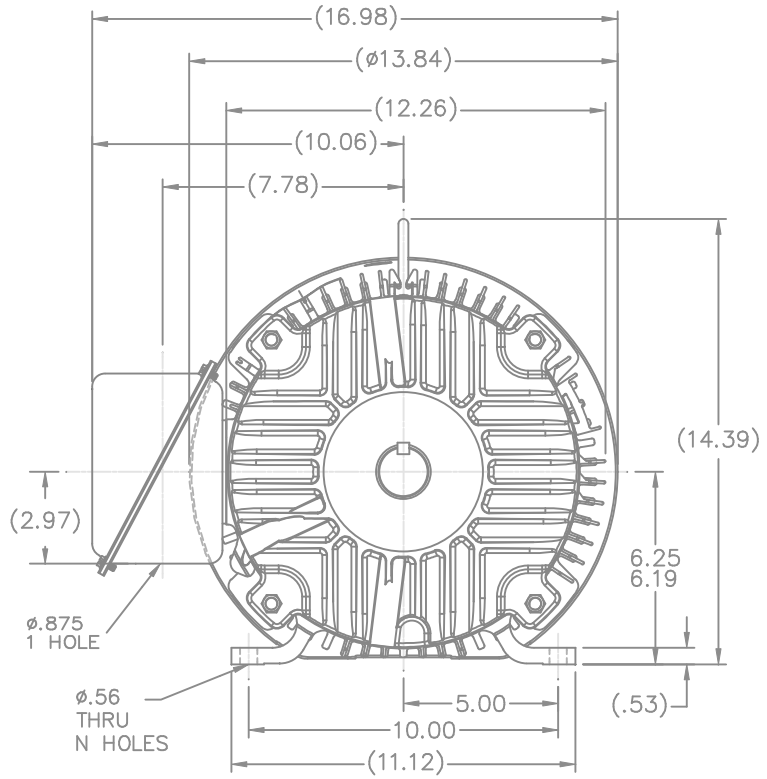
Nameplate Specifications

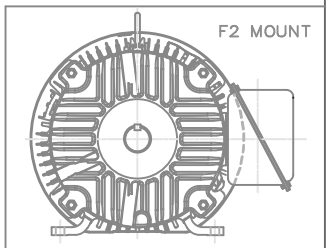
Output HP	**15 Hp**	Output KW	**11.2 kW**
Frequency	**60 Hz**	Voltage	**230/460 V**
Current	**35.0/17.5 A**	Speed	**3550 rpm**
Service Factor	**1.25**	Phase	**3**
Efficiency	**91.7 %**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Frame	**254T**
Enclosure	**Totally Enclosed Fan Cooled**	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	**43**		

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**2**	Rotation	**Reversible**
Mounting	**Rigid base**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**Aluminum**	Shaft Type	**T**
Overall Length	**23.40 in**	Frame Length	**12.00 in**
Shaft Diameter	**1.625 in**	Shaft Extension	**4 in**
Assembly/Box Mounting	**F1/F2 CAPABLE**		
Outline Drawing	**B-SS321100LN-1200**	Connection Diagram	**A-EE7308K-LN**







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

DASH	FR.	C	B	BS	2F	2FF	N
1200	254T	23.40	12.13	1.73	8.25		4
1375	254/6T	25.15	13.88	1.73	8.25	10.00	8

NO.	REVISION	BY & DATE	CHK
3	B DIM 12.13 WAS 12.00, AND 13.88 WAS 13.75	MJK 05/18/2004	
	CN 29200–3584		
2	25.15 WAS 25.65, 23.40 WAS 23.90 CN 32681	MJK 05/04/2004	
1	(4.38) WAS (4.37), ø1.624/1.625 WAS ø1.624/1.624	MJK 04/29/2004	
	CN 32681		

TOLERANCES UNLESS SPECIFIED: DEC. INCHES; .X ±.1; .XX ±.03; .XXX ±.005; .XXXX ±.0005; ANG ±7'30"

Lincoln MOTORS

TITLE OUTLINE
250T FR – ALUM. FR. – TEFC

MAT'L.

FINISH

CAD FILE ss321100ln

RFP

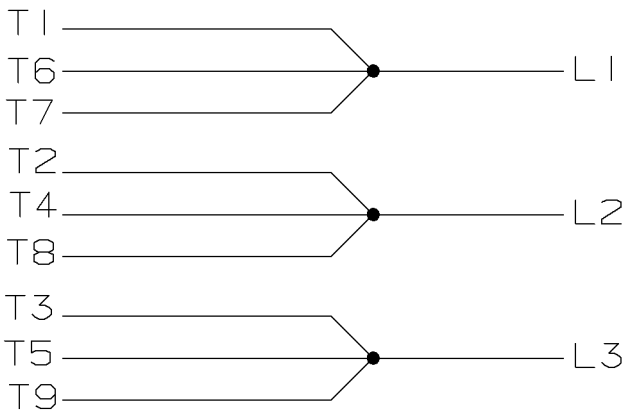
DIST LB

DRAWN MJK 03–29–2004
CHK ML 03–29–2004
APPD JPL 03–29–2004
SCALE 1=4
REF
FMF
PREV

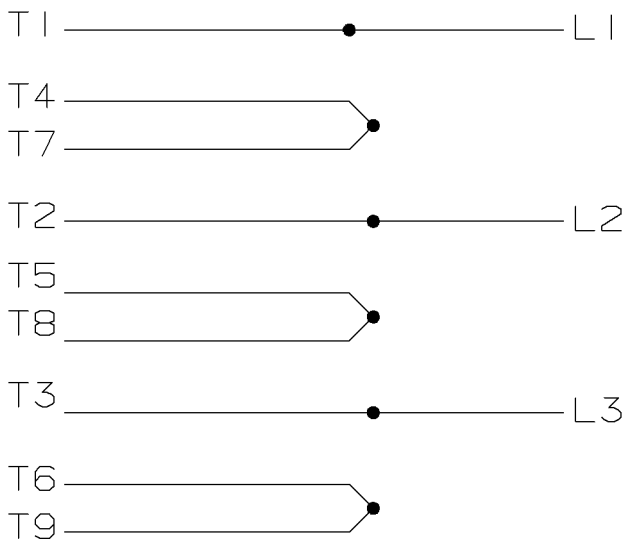
SIZE B | DRAWING NO. SS321100LN | PAGE OF | REV. 3

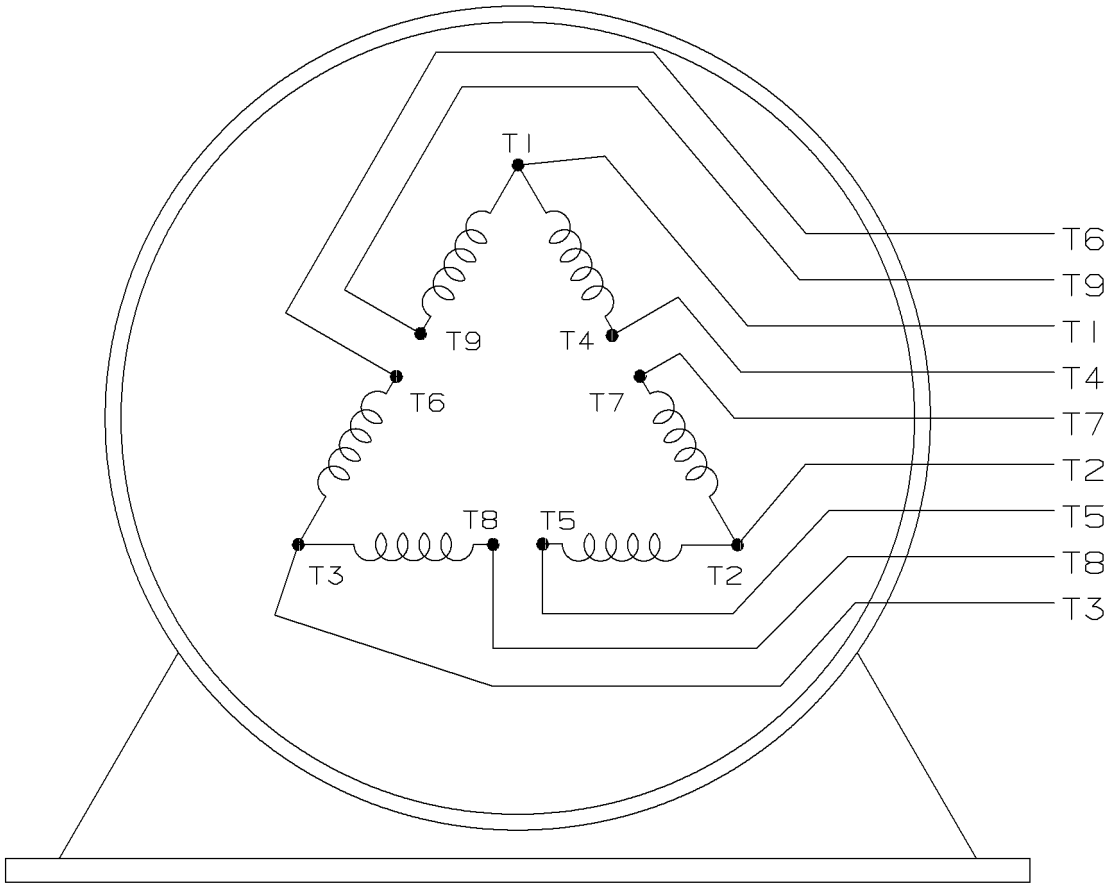
A- EE7308K-LN

LOW VOLTAGE



HIGH VOLTAGE





VIEW OF TERMINAL END

REV	DATE	CHANGE	NAME
2	08-09-1999	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR
1	06-18-1999	NEW DRAWING	TRB

Lincoln MOTORS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOL. ON XX± .02 XXX± .005 XXXX± .0005 ANGLES± 7'30"

MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED

FINISH

MATERIAL

DRAWN BY	TRB	07-15-1999
CHKD BY	ML	07-15-1999
APPD BY	GK	07-20-1999

PART NAME CONNECTION DIAGRAM
DELTA CONN. - 3Ø - 9 LEADS

DRWG NO A- EE7308K-LN

PURCHASED | CADD FILE NO. EE7308KLN

8/25/2007 12:50:51 PM -

Data Sheet

Date: 1/19/2018

LEESON

LM15670

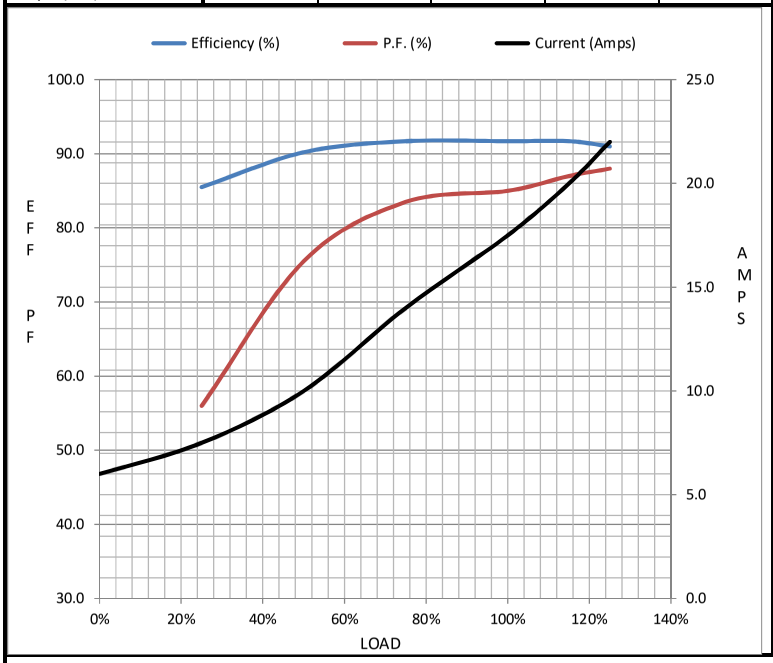
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	6.0	7.5	10.0	14.0	17.5	20.0	22.0	116	
Torque (ft-lb)	0.00	5.5	11.0	16.5	22.2	25.0	28.0	41.0	
RPM	3600	3585	3570	3560	3550	3,540	3525	0	
Efficiency (%)		85.5	90.2	91.7	91.7	91.7	91.0		
P.F. (%)	10.5	56.0	75.5	83.5	85.0	87.0	88.0	38.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1800	3175	3550	3600
Current (Amps)	116	103	75.0	17.5	6.0
Torque (ft-lb)	41.0	37.0	65.0	22.2	0.00



Information Block

HP	15.0	
Sync. RPM	3600	
Frame	254	
Enclosure	TEFC	
Construction	TFY	
Voltage	230/460#380-415	V
Frequency	60	Hz
Design	A	
LR Code letter	G	
Service Factor	1.15	
Temp Rise @ FL	50	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	1.10	Lb-Ft²
Ref Wdg	K256289 R14	
Sound Pressure @ 1M	72	dBA
VFD Rating	NONE	
Outline Dwg	B-SS321100LN-1200	
Conn. Diag	A-EE7308K-LN	

Additional Specifications:

0

0

EQUIV CKT (OHMS / PHASE)

R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

Speed -Torque Curve