PRODUCT INFORMATION PACKET

Model No: SRF4S0.75TCN61
Catalog No: LM24077
3/4,1725,TEFC,S56C,3/60/208-230/460
Totally Enclosed Fan Cooled (TEFC)

Product Information Packet: Model No: SRF4S0.75TCN61, Catalog No:LM24077 3/4,1725,TEFC,S56C,3/60/208-230/460

Nameplate Specifications

Output HP	**0.75 Hp**	Output KW	**0.56 kW**
Frequency	**60 Hz**	Voltage	**230/460 V**
Current	**2.8/1.4 A**	Speed	**1725 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**75.5 %**	Duty	**Continuous**
Insulation Class	**B**	Design Code	**B**
KVA Code	**L**	Frame	**S56C**
Enclosure	**Totally Enclosed Fan Cooled**	Overload Protector	**No**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**203**
Opp Drive End Bearing Size	**203**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**43**		

Technical Specifications

Electrical Type	**Squirrel Cage Induction Run**	Starting Method	**Across The Line**
Poles	**4**	Rotation	**Reversible**
Mounting	**Round**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**Rolled Steel**	Shaft Type	**NEMA 56**
Overall Length	**11.19 in**	Frame Length	**6.25 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**1.88 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**A-SS75175LN-625**	Connection Diagram	**A-EE7308-LN**

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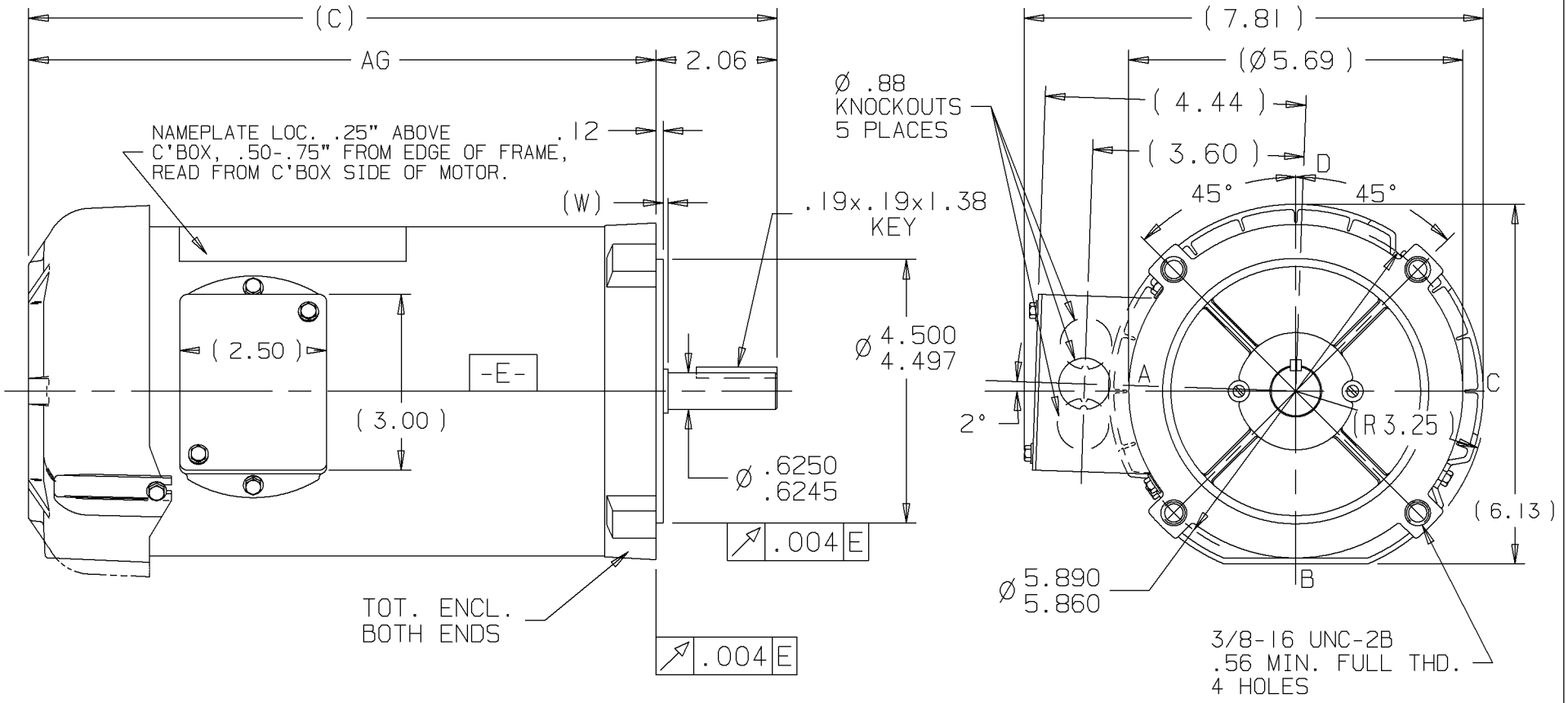
A- SS75175LN

'W'= CLEARANCE ALLOWED FOR ALL VARIANCES
IN MANUFACTURING & ASSEMBLY



DASH		C	AG		DASH		C	AG	
500		9.94	7.88		625		11.19	9.13	
525		10.19	8.13						
575		10.69	8.63						

REV	DATE	CHANGE	NAME
1	07-21-1999	NEW DRAWING	BLR

Lincoln MOTORS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOL. ON XX± .03 XXX± .005 XXXX± .0005 ANGLES± 7'30"

MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED

FINISH

MATERIAL

DRAWN BY	BLR	06-11-1999
CHKD BY	ML	07-21-1999
APPD BY	GK	07-21-1999

PART NAME OUTLINE

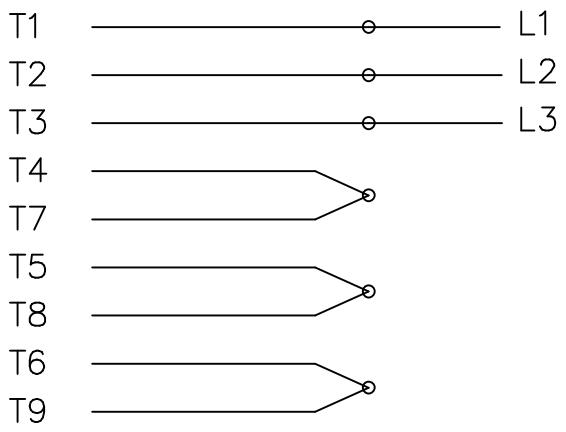
DRWG NO A- SS75175LN

PURCHASED | CADD FILE NO. SS75175LN

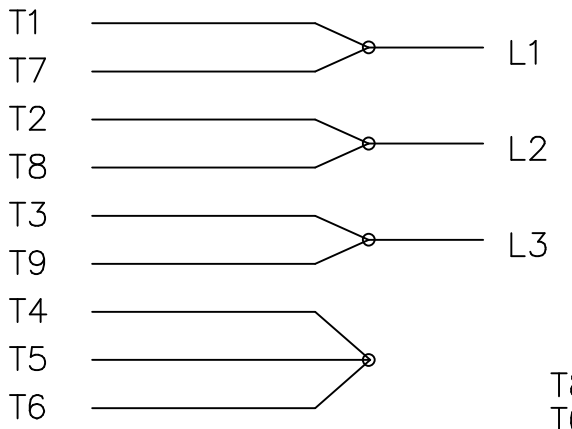
EE7308-LN

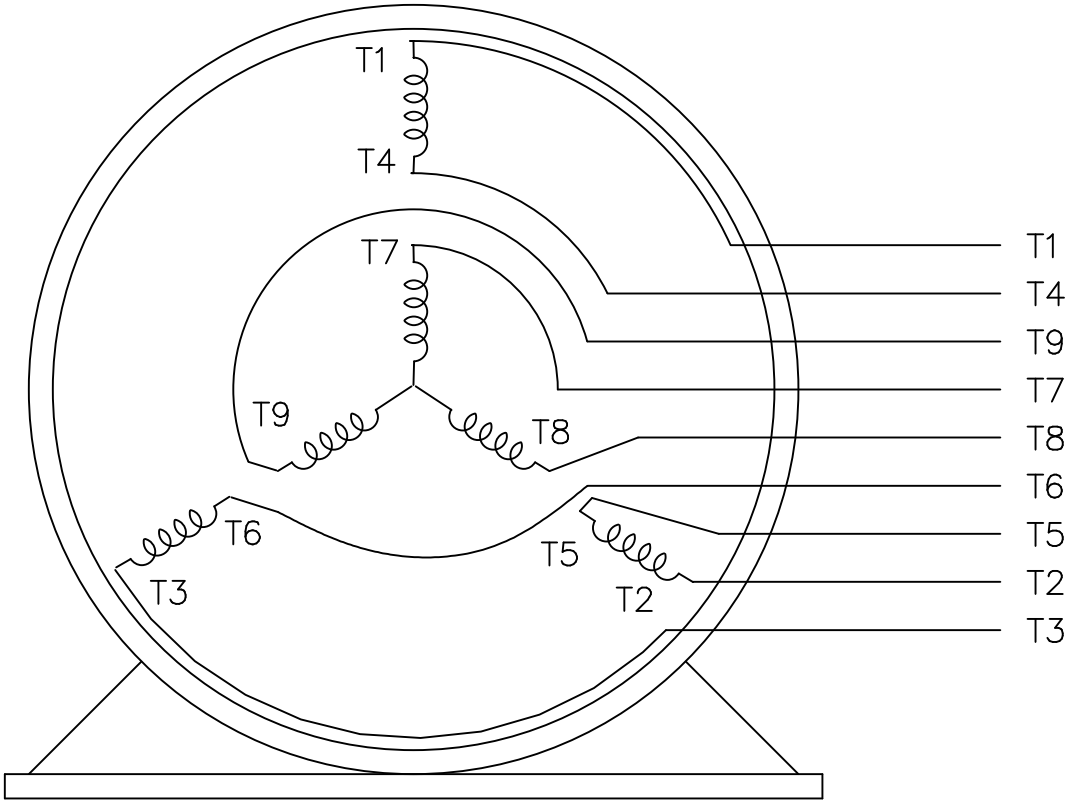
THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE





VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD CONNECTION

L1	WHITE
L2	RED
L3	BLACK

NO.	REVISION	BY & DATE	CHK
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK
1	NEW DRAWING	BLR 06/18/1999	GK

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

TITLE CONNECTION DIAGRAM
3ø – DUAL VOLTAGE MOTOR

MAT'L.

FINISH

CAD FILE EE7308LN

RFP

DIST WP

DRAWN BLR	06/11/1999
CHK ML	06/18/1999
APPD GK	06/18/1999
SCALE	1=1
REF	
FMF	
PREV	

SIZE	DRAWING NO.	PAGE	OF	REV.
A	EE7308-LN			3

Data Sheet

Date: 1/31/2018

LEESON

LM24077

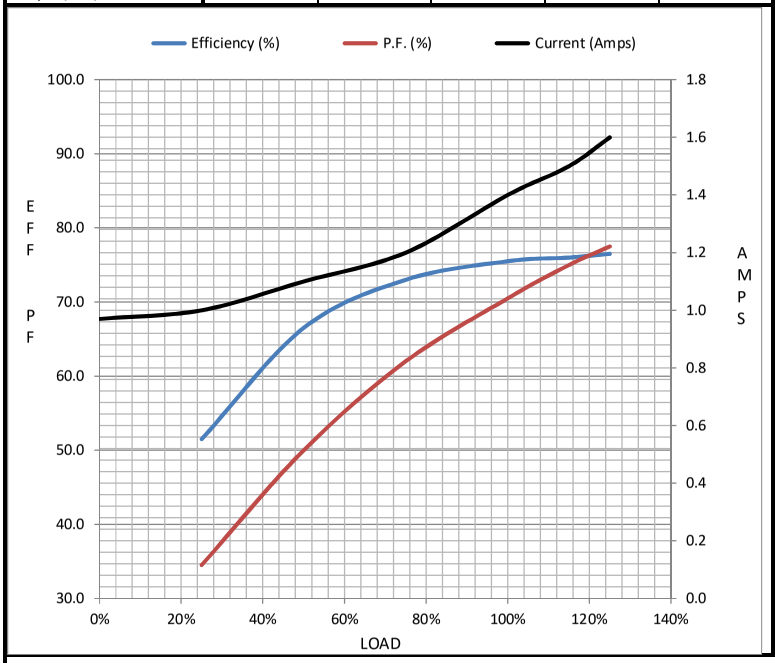
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	0.97	1.00	1.10	1.20	1.40	1.50	1.60	9.0	
Torque (ft-lb)	0.00	0.55	1.10	1.70	2.28	2.60	2.90	8.8	
RPM	1800	1780	1765	1748	1725	1,720	1710	0	
Efficiency (%)		51.5	66.5	73.0	75.5	76.0	76.5		
P.F. (%)	19.0	34.5	50.0	62.0	70.5	75.0	77.5	75.5	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	600	995	1725	1800
Current (Amps)	9.0	7.5	6.6	1.40	0.97
Torque (ft-lb)	8.8	9.2	9.8	2.28	0.00



Information Block

HP	0.8	
Sync. RPM	1800	
Frame	56	
Enclosure	DP	
Construction	TDR	
Voltage	230/460#190/380	V
Frequency	60	Hz
Design	B	
LR Code letter	L	
Service Factor	1.15	
Temp Rise @ FL	45	° C
Duty	CONT	
Ambient	40	° C
Elevation	1,000	feet
Rotor/Shaft wk²	0.06	Lb-Ft²
Ref Wdg	TE48412 NONE	
Sound Pressure @ 1M	56	dBA
VFD Rating	NONE	
Outline Dwg	A-SS75175LN-625	
Conn. Diag	A-EE7308-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