Catalog # : LM24074
Product Type: AC MOTOR
Description: 1/2,1725,TEFC,S56C,3,230/460

Model: SRF4S0.5TC61
Stock: Stock

Quote: Price:

Date: 10/14/2014

A Regal Brand

Catalog # : LM24074
Product Type: AC MOTOR
Description: 1/2,1725,TEFC,S56C,3,230/460

Model: SRF4S0.5TC61
Stock: Stock

Engineering Data					
Volts	230	Volts	460	Volts	
F.L. Amps	2.2	F.L. Amps	1.1	F.L. Amps	
S. F Amps	2.4	S. F Amps	1.2	S. F Amps	

RPM	1800	Hertz	60		
HP	1/2	Duty	CONTINUOUS	TYPE	TS
KW	0.37				
Frame	S56C	Serv. Factor	1.15	Phase	3
Max Amb	40	Design	B	Code	M
Insul Class	B	Protection	NOT	Therm.Prot.	
Eff 100%	70	Eff 75%		PF	
UL	V-INS, CONST UL REC	CSA	Yes	Bearing OPE	203
CC Number		CE		Bearing PE	203
Load Type		Inverter Type		Speed Range	UNK

Motor Wt.	19 LB	Enclosure	TEFC	Lubrication	STANDARD
Nameplate		Mounting	RIGID	Rotation	REV
Assembly		Shaft Dia.		Ext. Diag.	A-EE7308-LN
Cust Part No		Outline	A-SS75180LN-575	Ext. Diag2	
Packaging	B	Outline Dash No		Winding	TE48415
Carton Label				GROUP :	3
Iris		Paint	UNK	Test Card	

Form Factor	RMS Amps	Const TorqueSpeed Range	
Torque	Peak		
AB Code	Peak@DegC		
Resistance			
Connection			

Rework Status	Rework TYPE

Hazardous Loc	NONE		Brake Motors
Explosion Proof		Temp Op Code	FORCE
Class		GROUP	VDC
Class		GROUP	ADC

Brake Coil OHMs @25 C

Performance

Torque UOM — Inertia (WK²)

Torque

CURRENT (amps)

Efficiency (%)

PowerFactor

Load Curve Data @60 HzVolts,1/2Horsepower

Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
0.0	0.85	0.13	1800	0.0	0.0	18.0	0.0	-
0.25	0.89	0.21	1783	0.37	44.5	29.5	0.0	-
0.5	0.92	0.31	1770	0.74	60.5	42.0	0.0	-
0.75	0.97	0.41	1755	1.1	68.5	53.0	0.0	-
1.0	1.1	0.51	1725	1.52	70.0	64.0	40.0	32.0
1.15	1.15	0.6	1720	1.8	72.5	68.0	50.0	-
1.25	1.2	0.63	1715	2.0	74.5	69.5	55.0	45.0
1.35	1.25	0.68	1710	2.1	74.5	72.0	60.0	-
1.75	1.4	0.87	1685	2.7	75.0	80.0	0.0	-

SOURCE: CALCULATED GROUP: 3

Load Curve Data @60HzVolts,1/2Horsepower

Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise

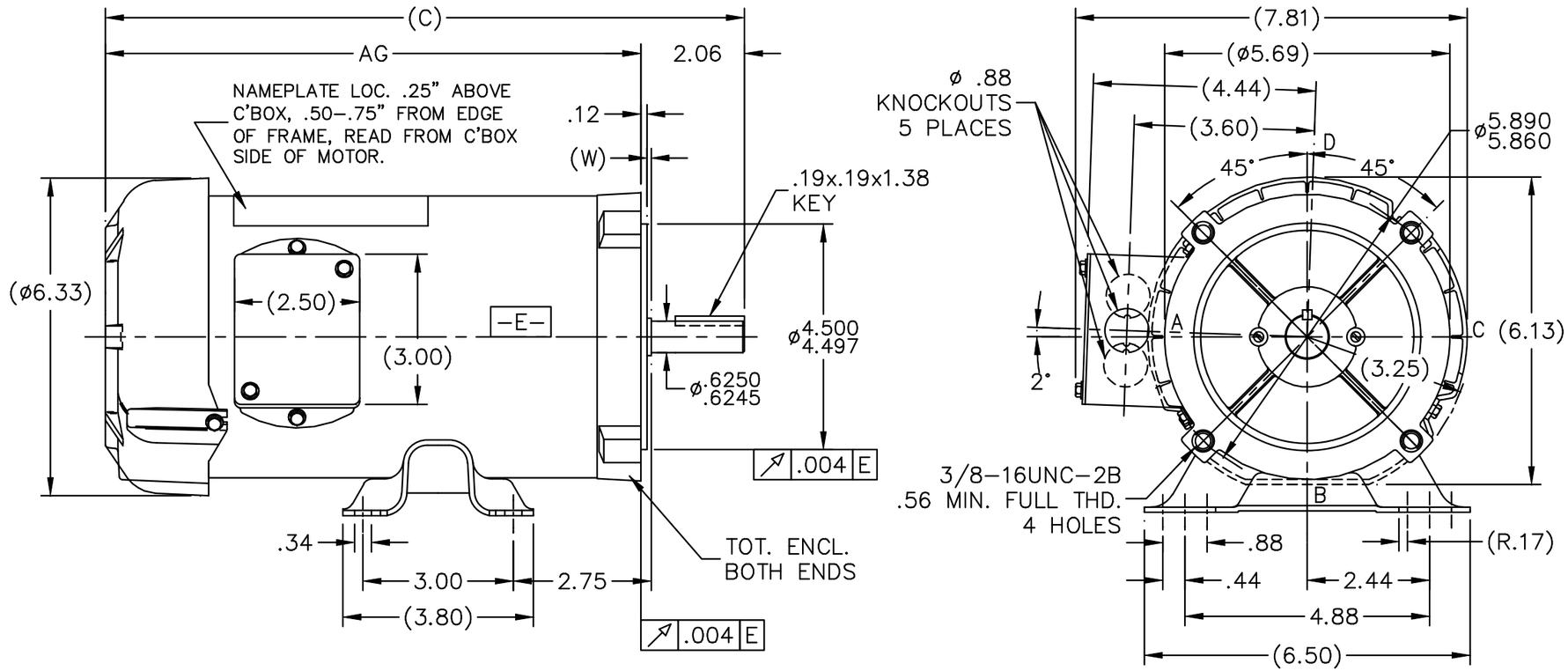
Load Curve Data Not Available

Quote: Price:

Date: 10/14/2014

SS75180LN

'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	550	10.44	8.38 05-21-01
575	10.69	8.63			

NO.	REVISION	BY & DATE	CHK
1	NEW DRAWING	BLR 06-17-1999	

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

TITLE OUTLINE

DRAWN BLR 06-11-1999
CHK ML 06-17-1999
APPD GK 06-17-1999
SCALE 5=16
REF
FMF
PREV

RFP 06-17-1999
DIST WP
CAD FILE ss75180ln

SIZE	DRAWING NO. PAGE OF	REV.
A	SS75180LN	1

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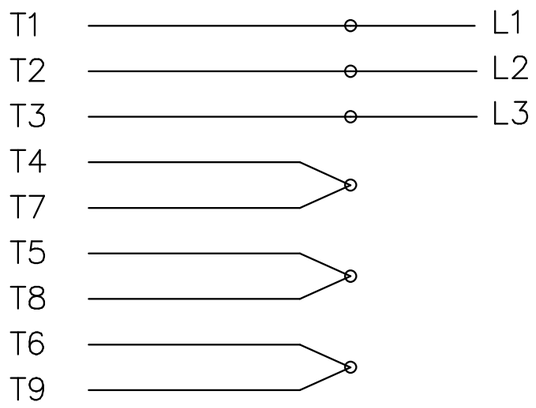
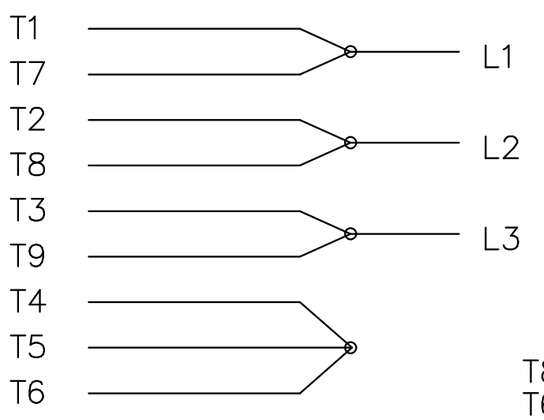
EE7308-LN

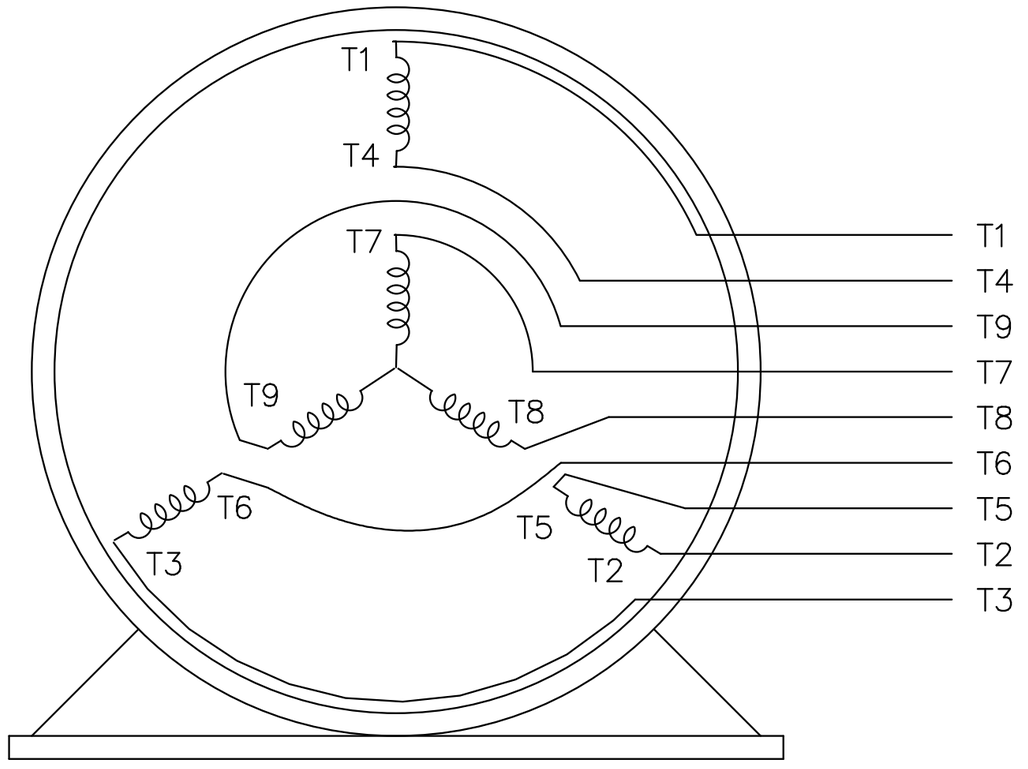
THREE PHASE
DUAL VOLTAGE MOTOR

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

RFP

DIST WP

CAD FILE EE7308LN

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

SIZE A

DRAWING NO. EE7308-LN PAGE OF

REV. 3

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