Catalog # : LM22827
Product Type: AC MOTOR
Description: 3,1800,TEFC,182TC,3/60/230/460

Model: AAF4P3TC61Q40
Stock: Stock

Quote: Price:

Date: 10/15/2014

A Regal Brand

Catalog # : LM22827
Product Type: AC MOTOR
Description: 3,1800,TEFC,182TC,3/60/230/460

Model: AAF4P3TC61Q40
Stock: Stock

Engineering Data					
Volts	230	Volts	460	Volts	
F.L. Amps	8.4	F.L. Amps	4.2	F.L. Amps	
S. F Amps	None	S. F Amps		S. F Amps	

RPM	1800	Hertz	60		
HP	3	Duty	CONTINUOUS	TYPE	TFL
KW	2.24				
Frame	182TC	Serv. Factor	1.0	Phase	3
Max Amb	40	Design	B	Code	K
Insul Class	F	Protection	NOT	Therm.Prot.	
Eff 100%	87.5	Eff 75%		PF	76
UL	NONE-OVER HEAT PROT DEVICE	CSA	Yes	Bearing OPE	205
CC Number	EXEMPT	CE	Yes	Bearing PE	207
Load Type		Inverter Type	NONE	Speed Range	NONE

Motor Wt.	91 LB	Enclosure	TEFC	Lubrication	STANDARD
Nameplate		Mounting	RIGID	Rotation	REV
Assembly		Shaft Dia.		Ext. Diag.	A-EE7308T-LN
Cust Part No		Outline	B-SS601010LN-620	Ext. Diag2	
Packaging	B	Outline Dash No		Winding	K1824117
Carton Label				GROUP :	1
Iris		Paint	LINCOLN GRAY	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,3Horsepower

Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
0.0	2.5	0.15	1800	0.0	0.0	6.5	0.0	-
0.25	2.7	0.75	1790	2.2	77.5	34.0	0.0	-
0.5	3.1	1.3	1780	4.4	85.0	55.0	0.0	-
0.75	3.6	1.9	1770	6.7	87.5	68.0	0.0	-
1.0	4.2	2.6	1760	9.0	87.5	76.0	45.0	-
1.25	5.1	3.2	1750	11.2	86.5	80.0	0.0	-
1.5	-	0.0	0	0.0	0.0	0.0	0.0	-
2.0	-	0.0	0	0.0	0.0	0.0	0.0	-
1.0	4.2	2.6	1760	9.0	0.0	0.0	0.0	-

SOURCE: CALCULATED GROUP: 1

Load Curve Data @60HzVolts,3Horsepower

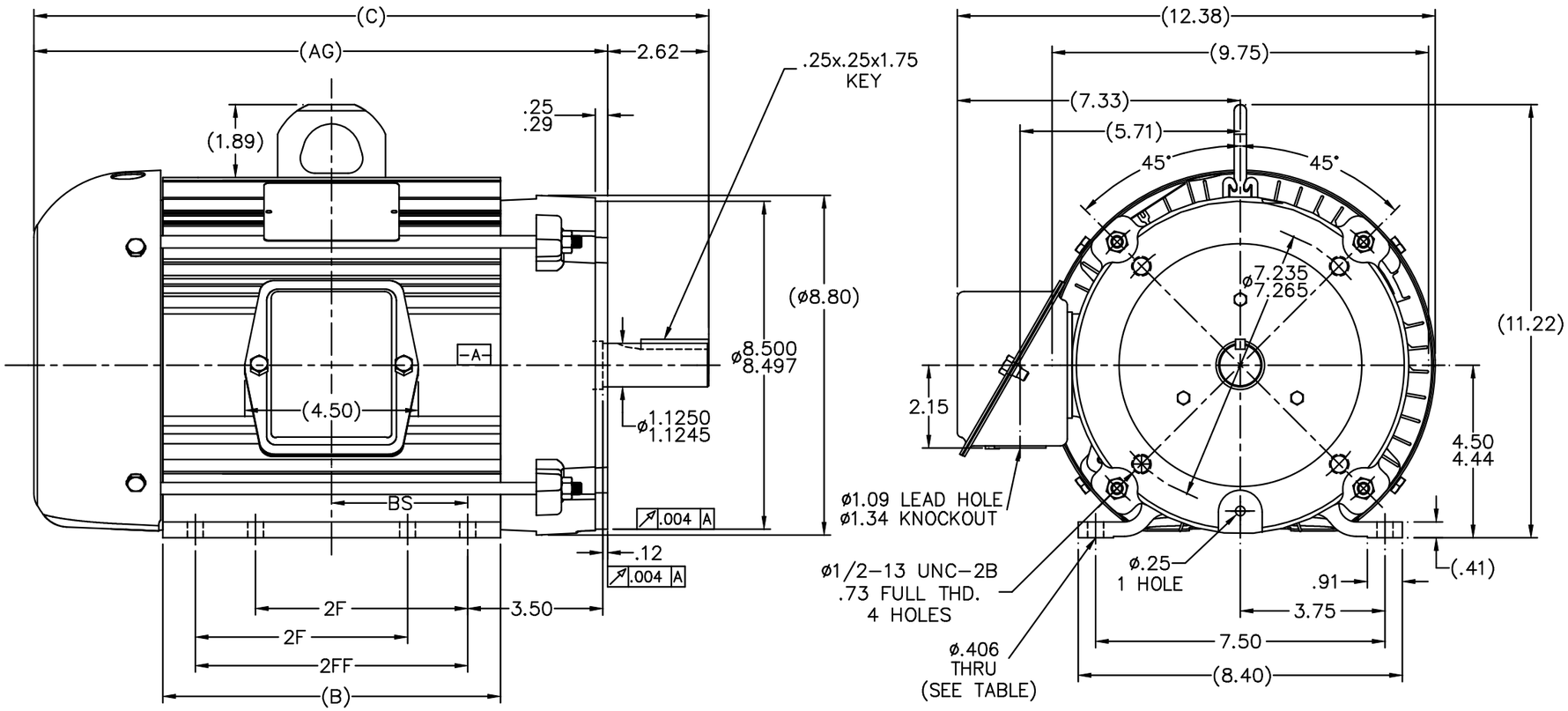
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise

Load Curve Data Not Available

Quote: Price:

Date: 10/15/2014

SS601010LN



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

DASH	FR.	C	BS	B	2F	AG	2FF	FOOT HOLE
620	182T	14.83	2.25	6.20	---	12.21	4.50	4
*720	184T	15.83	2.75	7.20	---	13.21	5.50	4
720	182/4T	15.83	2.75	7.20	4.50	13.21	5.50	8
820	182/4T	16.83	3.25	8.20	5.50	14.21	6.50	8
*875	184T	17.49	3.53	8.75	5.50	14.87	7.06	8

NO.	REVISION	BY & DATE	CHK
10	CHANGED DASH 720 182/4T TO 184T AND DIMENSION	JJB 05/25/2007	ML
	2FF FROM 4.50 TO 5.50 ECN 10328		
9	-620, 720; 2F NOW 2FF DIM. (4 MTG HOLES) CN 33910	DRS 10-25-2005	ML
8	FIXED 2FF DIM. FOR -820 WAS 5.50 CN 32479	ERH 02-02-2004	ML
7	ADDED OLD DASHES TO TABLE CN 32479	ERH 12-10-2003	ML
6	REVISED PER CN 32479	ERH 12-01-2003	ML

TOLERANCES UNLESS SPECIFIED

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

Lincoln MOTORS

TITLE OUTLINE
180T FR. - TEFC - C'FACE

MAT'L.

FINISH

CAD FILE ss601010ln

RFP

DIST LB

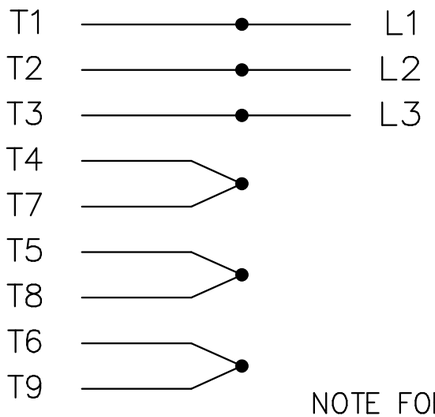
DRAWN	BJW 02/01/2000
CHK	ML 02/02/2000
APPD	GK 02/02/2000
SCALE	3=8
REF	
FMF	MU48444
PREV	

SIZE B | DRAWING NO. SS601010LN | PAGE OF | REV. 10

EE7308T-LN

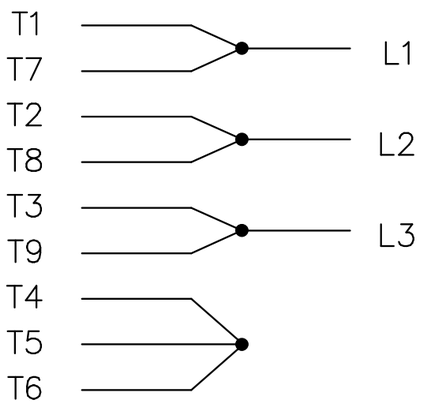
THREE PHASE
DUAL VOLTAGE MOTOR

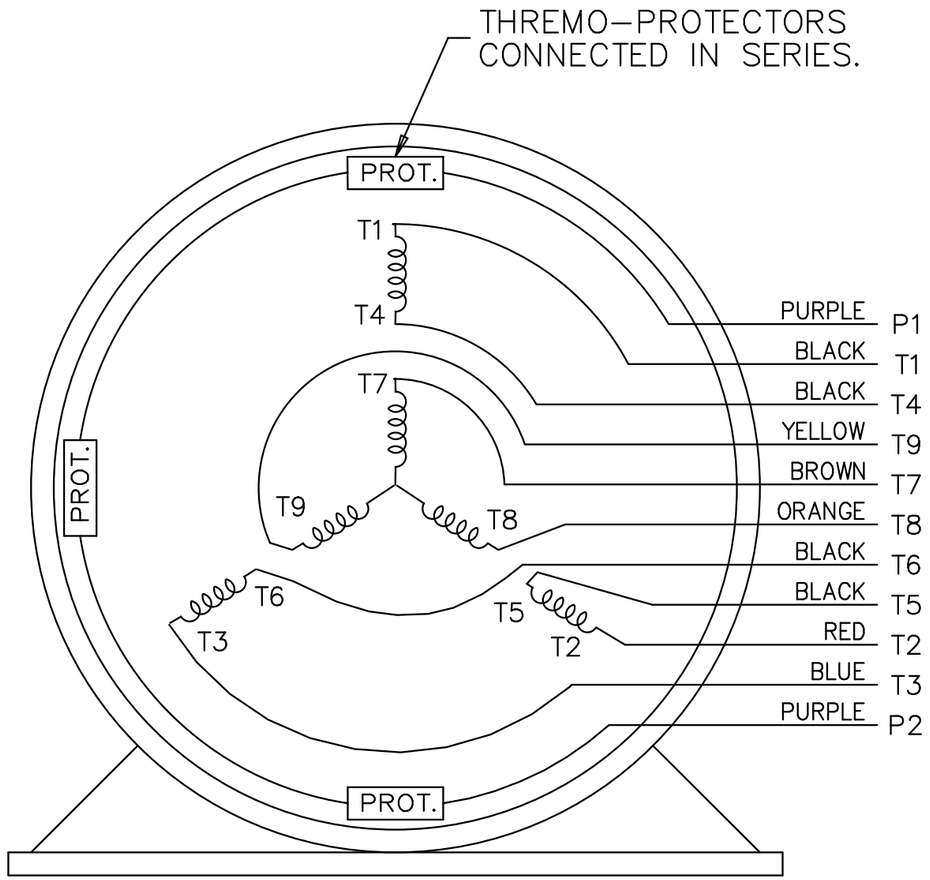
HIGH VOLTAGE



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
RFP
DIST LB
CAD FILE ee7308t_ln

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

7/19/2007 9:24:35 AM -