



A Regal Brand

Catalog # : LM24105

Product Type: AC MOTOR

Description: 1/2,1140,TEFC,56,3/60/208-230/460

Model: SRF6S0.5T61

Stock: Stock

Quote: Price:

Date: 10/14/2014



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Product Type: AC MOTOR

Description: 1/2,1140,TEFC,56,3/60/208-230/460

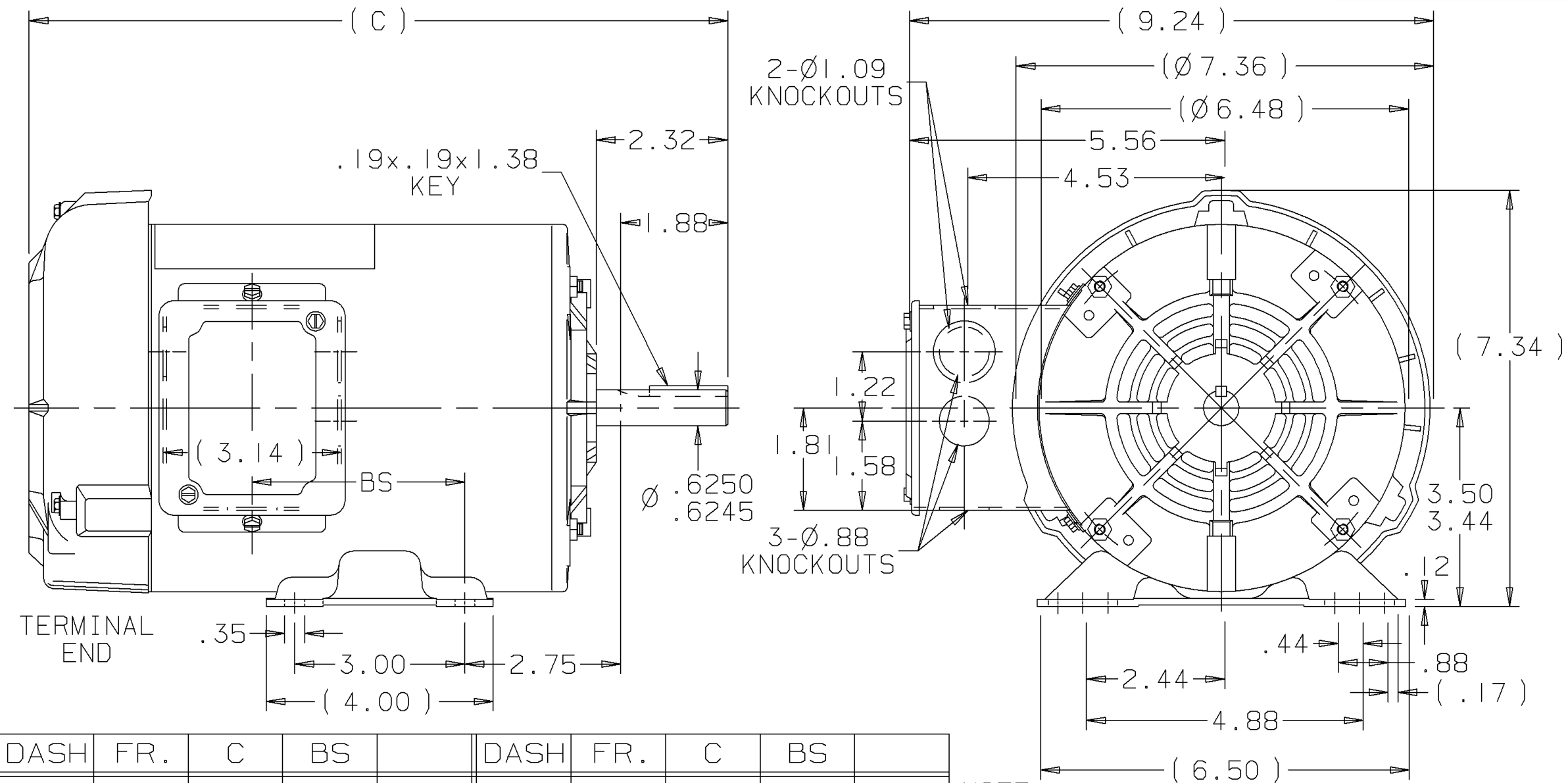
Model: SRF6S0.5T61

Stock: Stock

Engineering Data					
Volts	230	Volts	460	Volts	190/380
F.L. Amps	2.7	F.L. Amps	1.35	F.L. Amps	2.6/1.3
S. F Amps	2.8	S. F Amps	1.4	S. F Amps	
RPM	1200	Hertz	60/50		
HP	1/2	Duty	CONTINUOUS	TYPE	TS
KW	.37				
Frame	56	Serv. Factor	1.15	Phase	3
Max Amb	40	Design	B	Code	L
Insul Class	B	Protection	NOT	Therm.Prot.	
Eff 100%	68	Eff 75%		PF	
UL	V-INS, CONST UL REC	CSA	Yes	Bearing OPE	203
CC Number		CE	No	Bearing PE	203
Load Type		Inverter Type	NONE	Speed Range	UNK
Motor Wt.	25 LB	Enclosure	TEFC	Lubrication	STANDARD
Nameplate		Mounting	RIGID	Rotation	REV
Assembly		Shaft Dia.		Ext. Diag.	A-EE7308-LN
Cust Part No		Outline	A-100086LN-656	Ext. Diag2	
Packaging	B	Outline Dash No		Winding	ZT606
Carton Label				GROUP :	3
Iris		Paint	UNK	Test Card	
Form Factor		RMS Amps		Const Torque	Speed 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 @60/50 HzVolts,1/2Horsepower											
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise			
0.0	1.2	0.13	1200	0.0	0.0	13.5	0.0	-			
0.25	1.2	0.22	1190	0.56	42.5	24.0	0.0	-			
0.5	1.2	0.33	1180	1.1	58.5	34.5	0.0	-			
0.75	1.2	0.43	1160	1.7	66.5	44.0	0.0	-			
1.0	1.35	0.54	1140	2.3	68.0	52.3	60.0	-			
1.15	1.4	0.6	1137	2.7	70.0	57.5	80.0	-			
1.25	1.45	0.66	1135	3.0	71.0	59.5	100.0	-			
1.5	1.5	0.77	1130	3.4	72.5	65.0	0.0	-			
1.75	1.6	0.89	1125	4.0	72.0	70.5	0.0	-			
										SOURCE: CALCULATED GROUP: 3	
Load Curve Data @60/50HzVolts,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											

A- 100086LN



DASH	FR.	C	BS		DASH	FR.	C	BS	
606	56-60	11.32	2.75		806	56-80	13.32	4.75	
656	56-65	11.82	3.25		856	56-85	13.82	5.25	
706	56-70	12.32	3.75		906	56-90		5.75	
756	56-75	12.82	4.25						

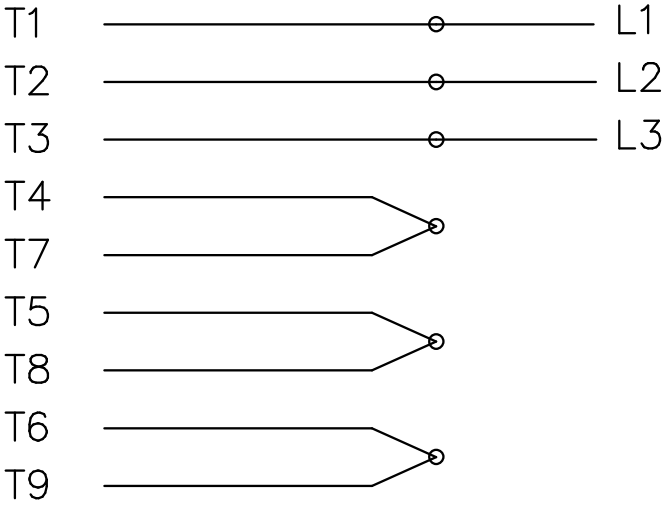
NOTE:
1. NAMEPLATE READ FROM
CONDUIT BOX SIDE.
2. CONDUIT BOX CAN BE
ROTATED IN 180° STEPS.

								UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.03 XXX±.005 XXXX±.0005 ANGLES± 7'30"			
				Lincoln MOTORS				MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED			
								DRAWN BY BLR 06-07-1999			
								CHKD BY			
								APPD BY			
NEW DRAWING				BLR				DRWG NO			
REV DATE CHANGE				NAME				A- 100086LN			
				PART NAME OUTLINE							
				56 FR. - TEFC							
								PURCHASED			
								CADD FILE NO. 100086LN			

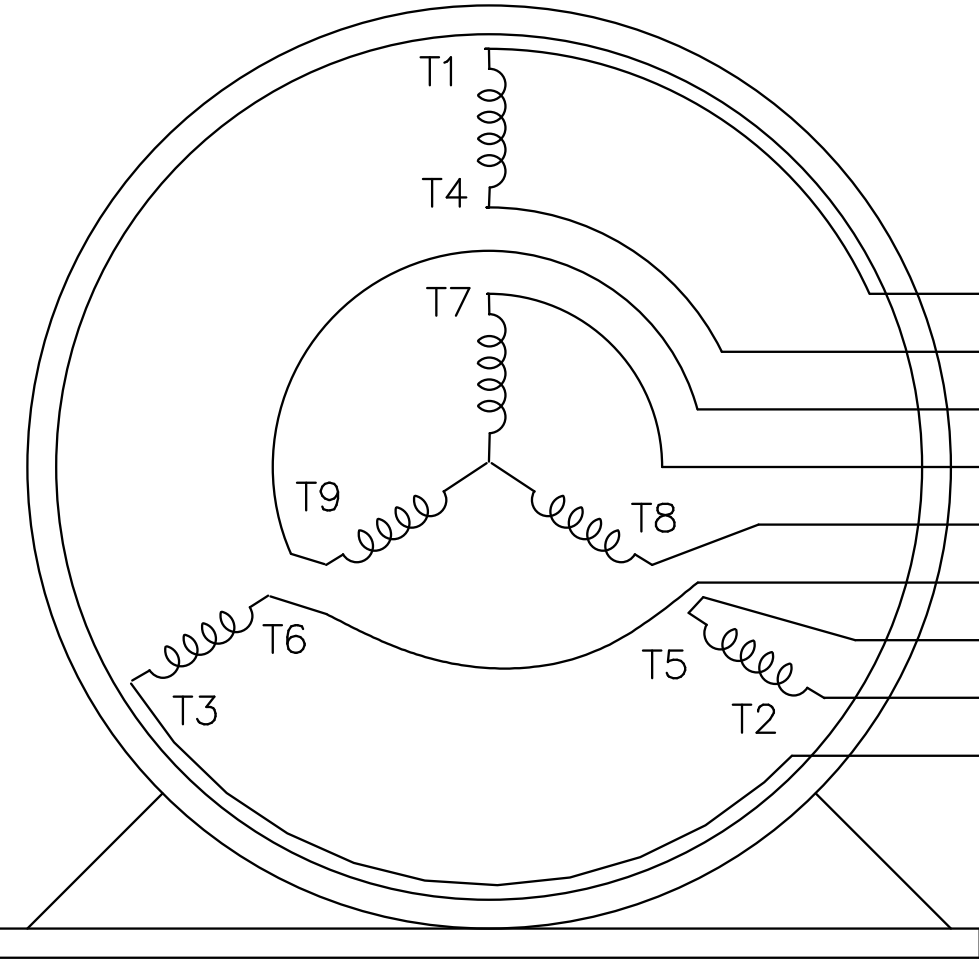
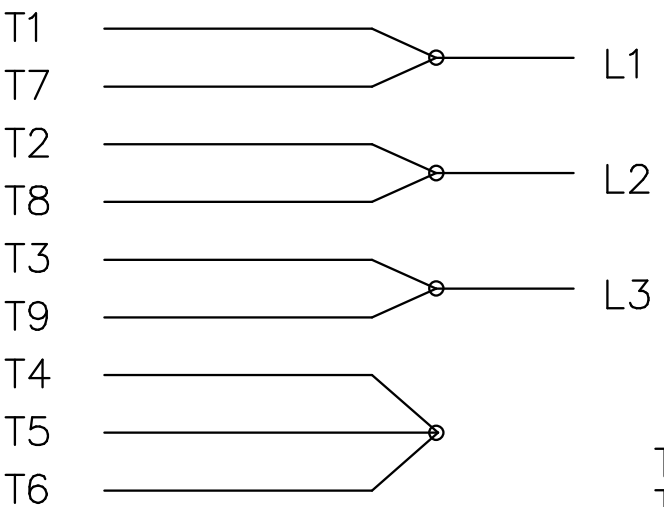
THREE PHASE
DUAL VOLTAGE MOTOR

EE7308-LN

HIGH VOLTAGE



LOW VOLTAGE



T1
T4
T9
T7
T8
T6
T5
T2
T3

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

				TOLERANCES UNLESS SPECIFIED			DRAWN BLR 06/11/1999			
				DEC.	INCHES		CHK	ML	06/18/1999	
				.X	±.1		APPD	GK	06/18/1999	
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XX	±.02	TITLE CONNECTION DIAGRAM			SCALE 1=1	
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK	.XXX	±.005	3Ø – DUAL VOLTAGE MOTOR			REF	
1	NEW DRAWING	BLR 06/18/1999	GK	.XXXX	±.0005	MAT'L.			FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH			PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT			RFP		CAD FILE EE7308LN		SIZE	DRAWING NO.	PAGE OF	REV.
			DIST WP				A	EE7308-LN		3