



A Regal Brand

Catalog # : LM24094

Product Type: AC MOTOR

Description: 1,3450,TEFC,56,3/60/208-230/460

Model: SRF2S1T61

Stock: Stock

Quote: Price:

Date: 10/14/2014



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Catalog # : LM24094

Product Type: AC MOTOR

Description: 1,3450,TEFC,56,3/60/208-230/460

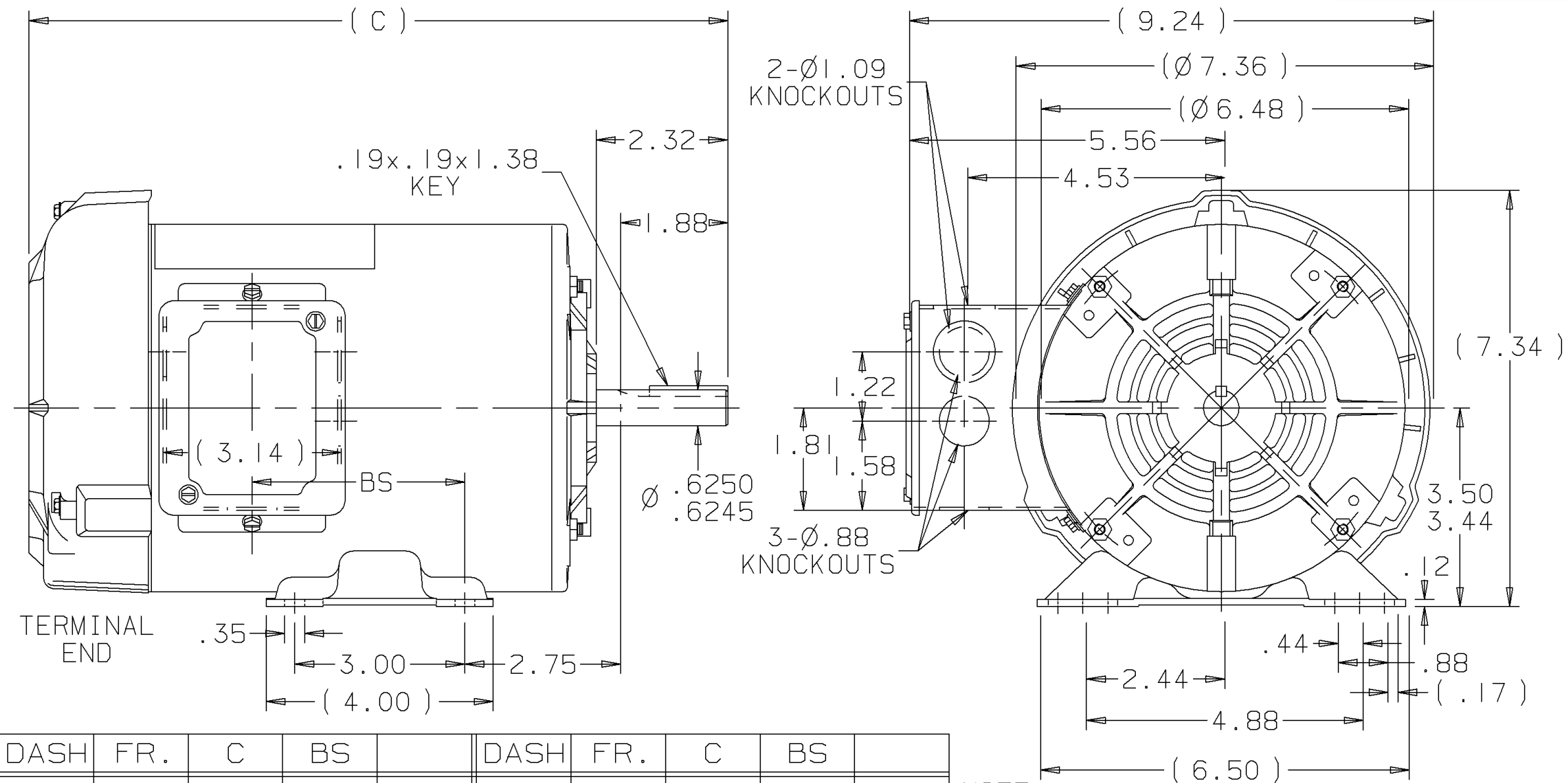
Model: SRF2S1T61

Stock: Stock

Engineering Data					
Volts	230	Volts	460	Volts	190-208/380-415
F.L. Amps	3.7	F.L. Amps	1.85	F.L. Amps	3.8-4.2/1.9-2.1
S. F Amps	3.8	S. F Amps	1.9	S. F Amps	
RPM	3600	Hertz	60/50		
HP	1	Duty	CONTINUOUS	TYPE	TS
KW	.746				
Frame	56	Serv. Factor	1.15	Phase	3
Max Amb	40	Design	B	Code	M
Insul Class	B	Protection	NOT	Therm.Prot.	
Eff 100%	74	Eff 75%		PF	
UL	V-INS, CONST UL REC	CSA	Yes	Bearing OPE	203
CC Number		CE		Bearing PE	203
Load Type		Inverter Type	NONE	Speed Range	UNK
Motor Wt.	28 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	ZT204
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,1Horsepower								
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
0.0	1.1	0.22	3600	0.0	0.0	22.5	0.0	-
0.25	1.25	0.42	3570	0.4	46.5	41.0	0.0	-
0.5	1.4	0.63	3555	0.76	61.0	55.5	0.0	-
0.75	1.55	0.83	3535	1.1	69.0	65.5	0.0	-
1.0	1.85	1.0	3515	1.5	74.0	71.3	45.0	-
1.15	1.95	1.2	3505	1.7	74.5	74.8	60.0	-
1.25	2.1	1.3	3495	2.0	74.5	77.5	75.0	-
1.5	2.25	1.5	3475	2.3	75.0	80.5	0.0	-
1.75	2.5	1.73	3450	2.7	74.9	83.2	0.0	-
SOURCE: CALCULATED GROUP: 3								
Load Curve Data @60/50HzVolts,1Horsepower								
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



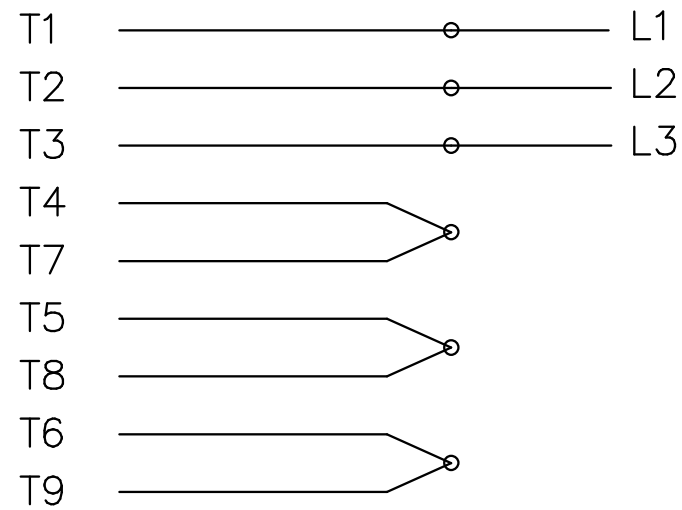
DASH	FR.	C	BS		DASH	FR.	C	BS	
606	56-60	11.32	2.75		806	56-80	13.32	4.75	
656	56-65	11.82	3.25		856	56-85	13.82	5.25	
706	56-70	12.32	3.75		906	56-90		5.75	
756	56-75	12.82	4.25						

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

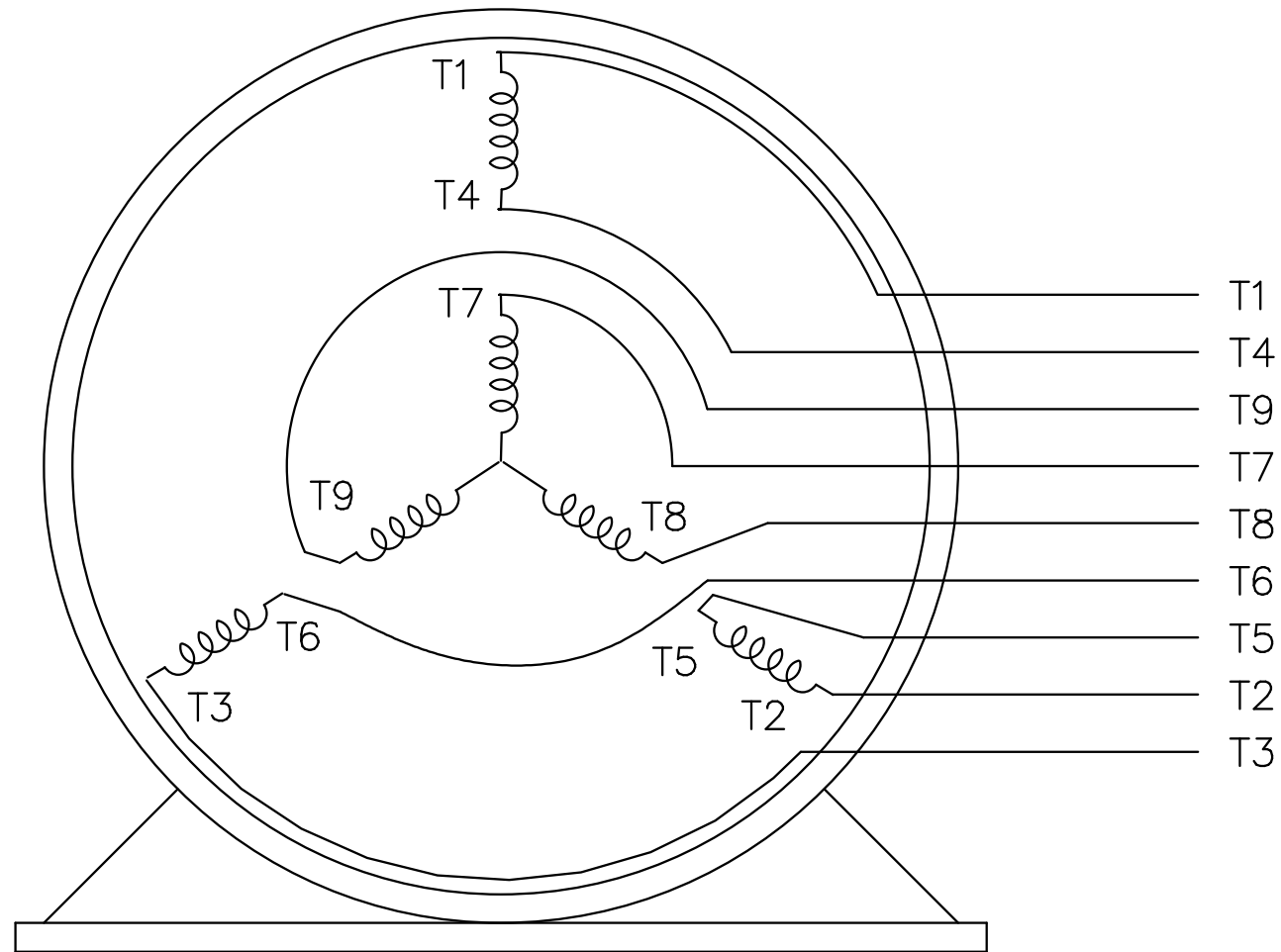
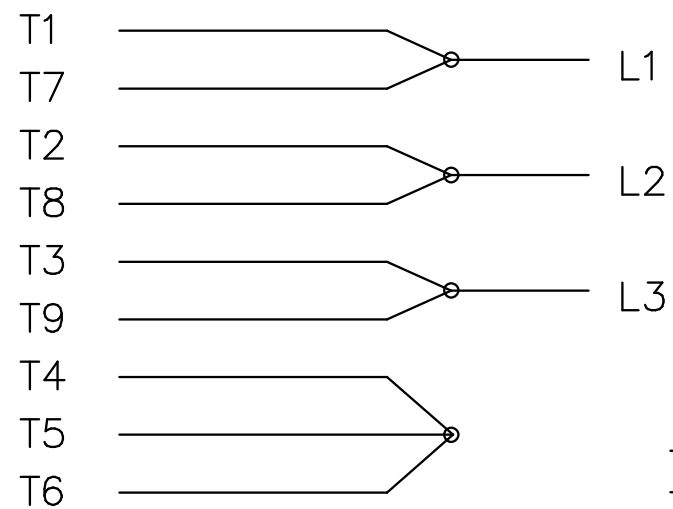
THREE PHASE
DUAL VOLTAGE MOTOR

EE7308-LN

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

				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 3ø – DUAL VOLTAGE MOTOR	SCALE 1=1				
2	RE-ISSUE, ADDED '–' TO PART NUMBER	BLR 08/09/1999	GK	.XXX	±.005		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