



A Regal Brand

Catalog # : LM24128

Product Type: AC MOTOR

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

Model: SRF6S0.5TCN61

Stock: Stock

Quote: Price:

Date: 10/14/2014



A Regal Brand

Catalog # : LM24128

Product Type: AC MOTOR

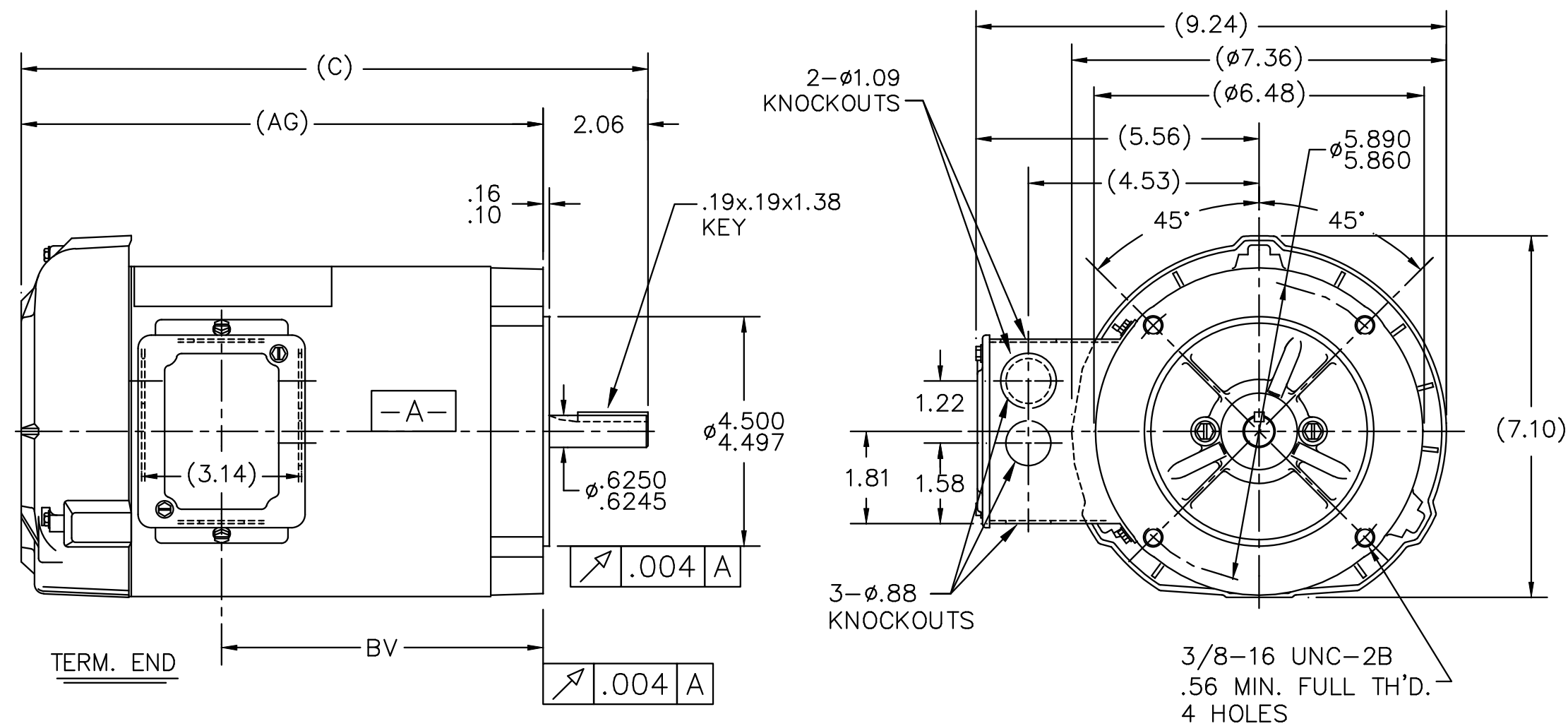
Description: 1/2,1140,TEFC,56C,3/60/208-230/460

Model: SRF6S0.5TCN61

Stock: Stock

Engineering Data					
Volts	208-230	Volts	460	Volts	190/380
F.L. Amps	2.4-2.7	F.L. Amps	1.35	F.L. Amps	2.5/1.25
S. F Amps	2.5-2.8	S. F Amps	1.4	S. F Amps	2.6/1.3
RPM	1200	Hertz	60/50		
HP	1/2	Duty	CONTINUOUS	TYPE	TS
KW	.37				
Frame	56C	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	52.3
UL	V-INS, CONST UL REC	CSA	Yes	Bearing OPE	203
CC Number	EXEMPT	CE	Yes	Bearing PE	203
Load Type		Inverter Type		Speed Range	NONE
Motor Wt.	27 LB	Enclosure	TEFC	Lubrication	STANDARD
Nameplate		Mounting	ROUND	Rotation	REV
Assembly	3B365	Shaft Dia.		Ext. Diag.	A-EE7308-LN
Cust Part No		Outline	A-100103LN-656	Ext. Diag2	
Packaging	B	Outline Dash No		Winding	ZT606
Carton Label				GROUP :	3
Iris		Paint	STANDARD	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									



- NOTE:
- 1. NAMEPLATE READ FROM CONDUIT BOX SIDE.
 - 2. METAL NP READ FROM TERM. END.

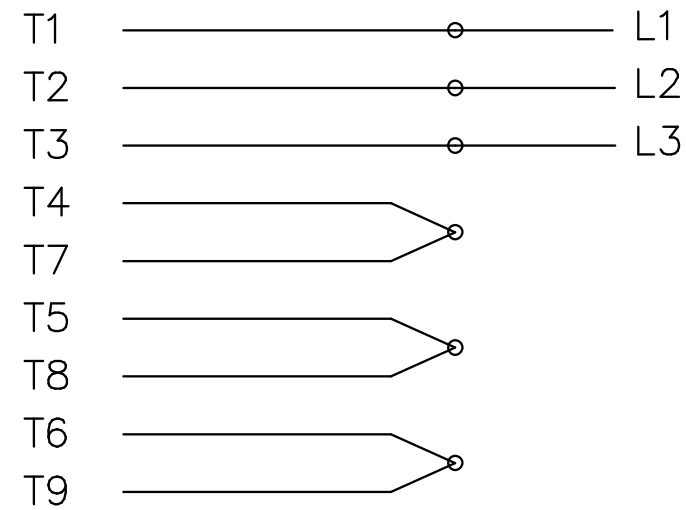
DASH	FR.	C	AG	BV	DASH	FR.	C	AG	BV
606	56-60	11.32	9.25	5.31	806	56-80	13.32	11.25	7.31
656	"-65	11.82	9.75	5.81	856	"-85	13.82	11.75	7.81
706	"-70	12.32	10.25	6.31	906	"-90	14.32	12.25	8.31
756	"-75	12.82	10.75	6.81	956	"-95	14.82	12.75	8.81

				TOLERANCES UNLESS SPECIFIED			DRAWN RWR 03/11/2004				
				DEC.	INCHES		CHK	ML	03/12/2004		
				.X	±.1		APPD	GK	03/12/2004		
3	ADDED NOTE & 2	CN29200-3978	RJW 01-13-2005	.XX	±.03	TITLE OUTLINE			SCALE	5=16	
2	DELETED NOTES 2 & 3		RJW 10-18-2004	.XXX	±.005	56 FR. -TEFC -'C'FACE			REF	CN32620	
1	REVISED NAMEPLATE NOTE.	MU50676	NJS 05-11-2004	ML	.XXXX ±.0005	MAT'L.			FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	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 100103ln		SIZE	DRAWING NO.	PAGE 1 OF 1	REV.
				DIST WP				A	100103LN		3

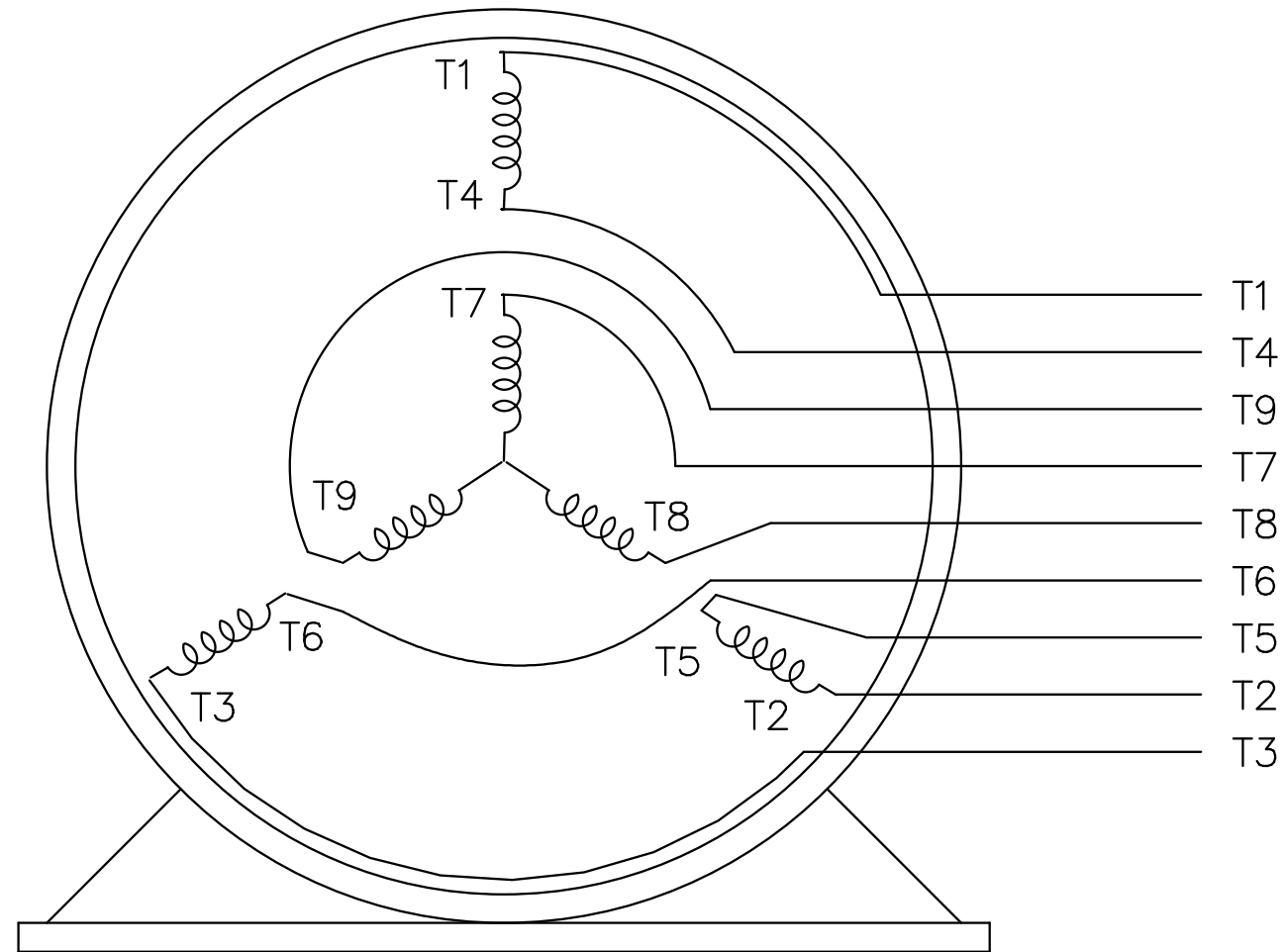
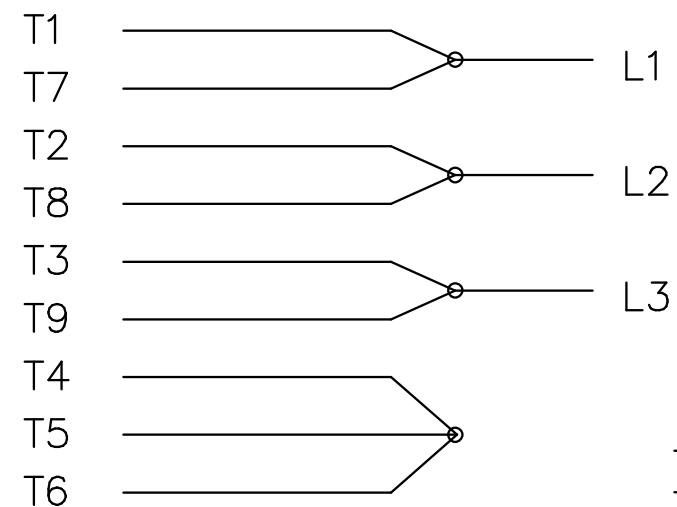
THREE PHASE
DUAL VOLTAGE MOTOR

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			
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			DIST WP				A	EE7308–LN		3