



A Regal Brand

Catalog # : LM22661

Product Type: AC MOTOR

Description: 1,1800,TEFC,56C,3/60/230/460

Model: SRF4S1TC61Q40

Stock: Stock

Quote: Price:

Date: 10/15/2014



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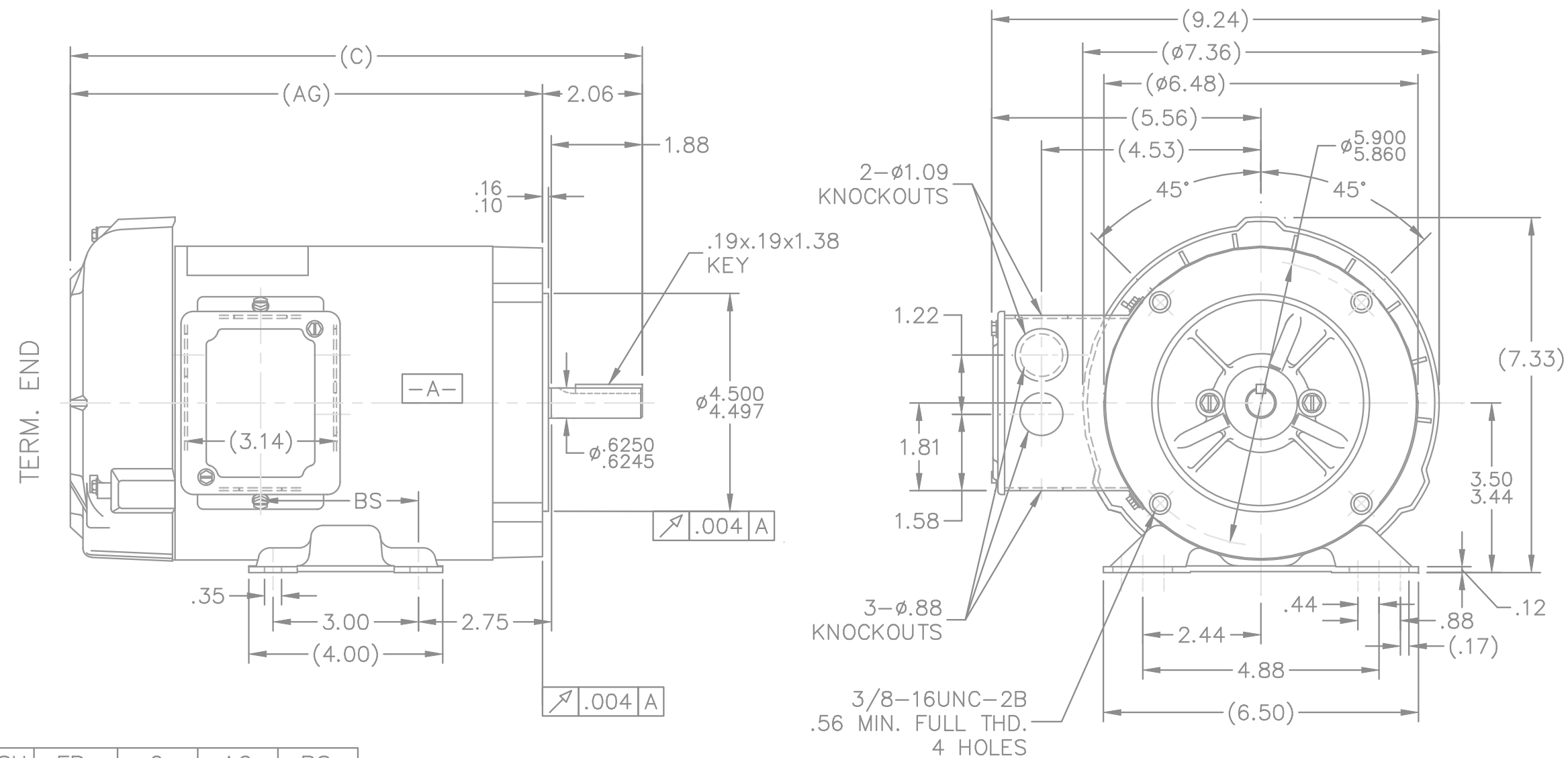
Model: SRF4S1TC61Q40

Stock: Stock

Engineering Data					
Volts	230	Volts	460	Volts	
F.L. Amps	3.0	F.L. Amps	1.5	F.L. Amps	
S. F Amps	None	S. F Amps		S. F Amps	
RPM	1800	Hertz	60		
HP	1	Duty	CONTINUOUS	TYPE	TS
KW					
Frame	56C	Serv. Factor	1.0	Phase	3
Max Amb	40	Design	B	Code	M
Insul Class	F	Protection	NOT	Therm.Prot.	
Eff 100%	82.5	Eff 75%		PF	
UL	V-OVER TEMP PROT 3, P1-P2	CSA	Yes	Bearing OPE	203
CC Number		CE		Bearing PE	203
Load Type		Inverter Type	NONE	Speed Range	NONE
Motor Wt.	31 LB	Enclosure	TEFC	Lubrication	STANDARD
Nameplate		Mounting	RIGID	Rotation	REV
Assembly		Shaft Dia.		Ext. Diag.	A-EE7308T-LN
Cust Part No		Outline	A-100110LN-756	Ext. Diag2	
Packaging	B	Outline Dash No		Winding	ZT4145
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 HzVolts,1Horsepower									
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise	
0.0	0.9	0.1	1800	0.0	0.0	11.0	0.0	-	
0.25	1.0	0.3	1790	0.75	67.5	34.5	0.0	-	
0.5	1.1	0.5	1780	1.5	78.5	53.0	0.0	-	
0.75	1.3	0.7	1765	2.25	81.5	66.0	0.0	-	
1.0	1.5	0.9	1755	3.0	82.5	74.5	38.0	-	
1.25	1.8	1.15	1740	3.8	82.5	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	1.5	0.9	1755	3.0	0.0	0.0	0.0	-	
SOURCE: CALCULATED GROUP: 3									
Load Curve Data @60HzVolts,1Horsepower									
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise	
Load Curve Data Not Available									
Quote:		Price:							
Date: 10/15/2014									

100110LN



- NOTES:
1. CONDUIT BOX CAN BE ROTATED 180°.
 2. NAMEPLATE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FR.	C	AG	BS
606	56-60	11.31	9.25	2.75
656	56-65	11.81	9.75	3.25
706	56-70	12.31	10.25	3.75
756	56-75	12.81	10.75	4.25

06-01-2000

		TOLERANCES UNLESS SPECIFIED			DRAWN BLR 06-10-1999		
		DEC.	INCHES		CHK	ML	06-18-1999
		.X	±.1		APPD	GK	06-18-1999
		.XX	±.03		SCALE	5=16	
2	ADDED NAMEPLATE LOC. CN27400-296	BLR	08-05-1999	.XXX	±.005	TITLE	OUTLINE
1	NEW DRAWING	BLR	06-18-1999	.XXXX	±.0005	56 FRAME - TEFC - C'FACE	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	MAT'L.	FMF
				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	06-18-1999	CAD FILE	100110ln
				DIST	WP	SIZE	A
						DRAWING NO.	PAGE 1 OF 1
						100110LN	REV. 2

NOTE: For simplicity, only 3 bits are shown

LOW VOLTAGE

T1
T7

T2
T8

T3
T9

T4
T5
T6

L1

L2

L3

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graph LR; T1 --- L1; T7 --- L1; T2 --- L2; T8 --- L2; T3 --- L3; T9 --- L3; T4 --- L4; T5 --- L4; T6 --- L4;
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EE7308T-LN

The diagram shows a circular circuit board with three concentric rings. Three points are labeled 'PROT.' (Protection) and are connected to ground. Twelve test points are labeled T1 through T12. T1, T4, T7, T9, T8, T6, T5, T2, T3, and T12 are connected to various colored lines. T1 is connected to a purple line. T4 is connected to a black line. T7 is connected to a black line. T9 is connected to a yellow line. T8 is connected to a brown line. T6 is connected to an orange line. T5 is connected to a black line. T2 is connected to a black line. T3 is connected to a red line. T12 is connected to a blue line. T10 and T11 are not connected to any lines.

VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED			DRAWN BJK 07-16-2002					
				DEC.	INCHES		CHK	DRS	07-18-2002			
				.X	±.1		APPD	GK	07-18-2002			
				.XX	±.02		SCALE 1=1					
2	ADDED COLORS TO "T & P" LEADS CN 40494	MSG 08-08-2006	ML	.XXX	±.005	TITLE CONNECTION DIAGRAM 3 PHASE – DUAL VOLTAGE MOTOR			REF			
1	NEW DRAWING	BJK 07-18-2002	DRS	.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 ee7308t_in			SIZE	DRAWING NO.	PAGE	OF	REV.
			DIST LB					A	EE7308T-LN			2