



A Regal Brand

Catalog # : LM22665

Product Type: AC MOTOR

Description: 1.5,1800,TEFC,56HC,3/60/230/460

Model: SRF4S1.5TC61Q40

Stock: Stock

Quote: Price:

Date: 10/15/2014



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Description: 1.5,1800,TEFC,56HC,3/60/230/460

Model: SRF4S1.5TC61Q40

Stock: Stock

Engineering Data					
Volts	230	Volts	460	Volts	
F.L. Amps	5	F.L. Amps	2.5	F.L. Amps	
S. F Amps	None	S. F Amps		S. F Amps	
RPM	1800	Hertz	60		
HP	1 1/2	Duty	CONTINUOUS	TYPE	TS
KW	1.12				
Frame	56HC	Serv. Factor	1.0	Phase	3
Max Amb	40	Design	B	Code	M
Insul Class	F	Protection	NOT	Therm.Prot.	
Eff 100%	78.5	Eff 75%		PF	74.5
UL	V-OVER TEMP PROT 3, P1-P2	CSA	Yes	Bearing OPE	203
CC Number		CE	Yes	Bearing PE	205
Load Type		Inverter Type	NONE	Speed Range	NONE
Motor Wt.	41 LB	Enclosure	TEFC	Lubrication	STANDARD
Nameplate		Mounting	RIGID	Rotation	REV
Assembly		Shaft Dia.		Ext. Diag.	A-EE7308T-LN
Cust Part No		Outline	A-100109LN-806	Ext. Diag2	
Packaging	B	Outline Dash No		Winding	ZT4137
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			

Brake Coil OHMs @25 C

Performance
Torque UOM
Torque
CURRENT (amps)
Efficiency (%)
PowerFactor

Load Curve Data @60 HzVolts,1 1/2Horsepower

Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
0.0	1.55	0.2	1800	0.0	0.0	16.0	0.0	-
0.25	1.6	0.48	1785	1.1	58.5	37.5	0.0	-
0.5	1.8	0.78	1770	2.2	71.5	54.4	0.0	-
0.75	2.1	1.1	1760	3.4	76.5	66.0	0.0	-
1.0	2.5	1.4	1740	4.5	78.5	74.5	60.0	-
1.25	2.8	1.8	1730	5.7	79.0	79.5	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	2.5	1.4	1740	4.5	0.0	0.0	0.0	-

SOURCE: CALCULATED GROUP: 3

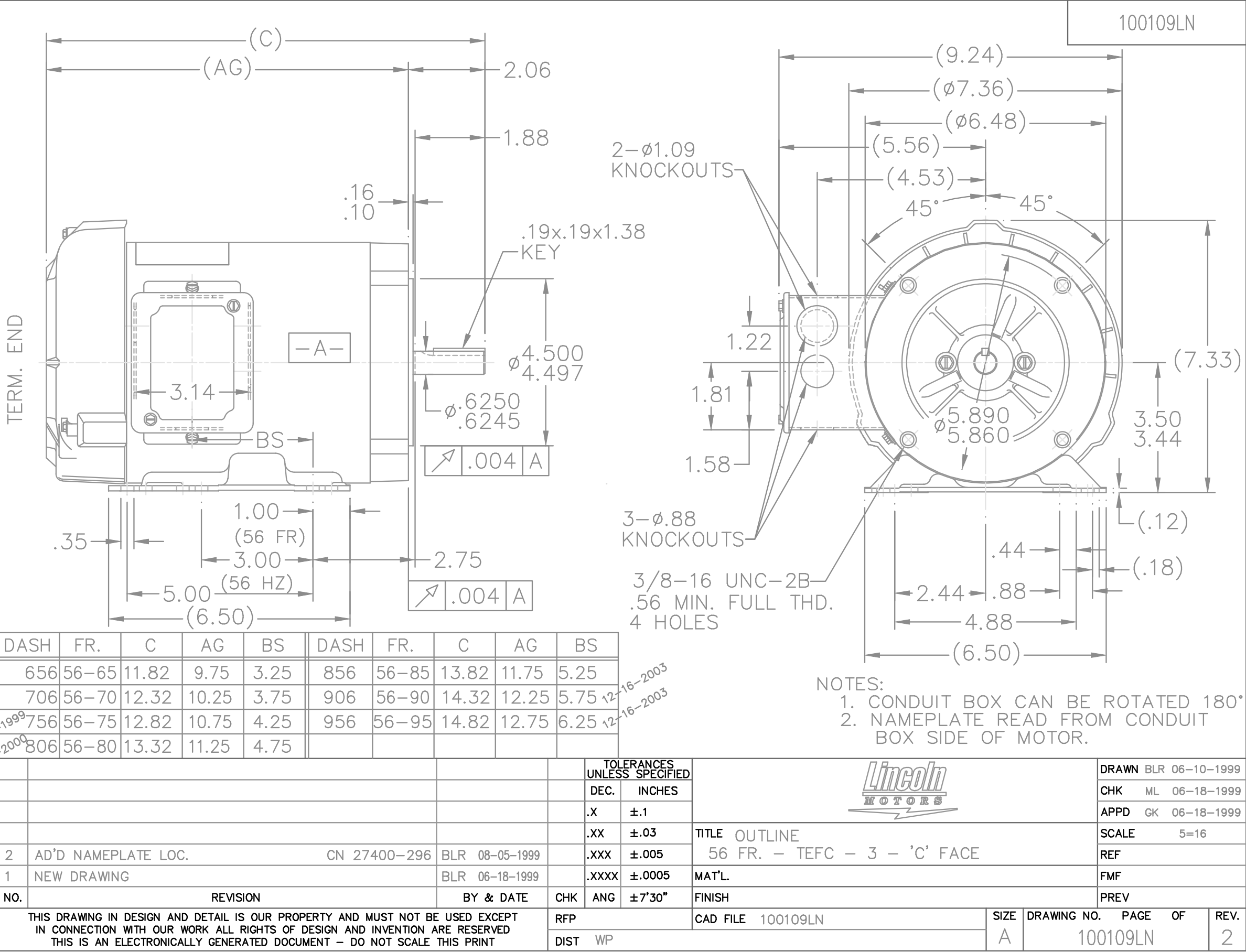
Load Curve Data @60HzVolts,1 1/2Horsepower

Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
1000	100	10	1000	100	100	100	100	100
2000	200	20	2000	200	200	200	200	200
3000	300	30	3000	300	300	300	300	300
4000	400	40	4000	400	400	400	400	400
5000	500	50	5000	500	500	500	500	500
6000	600	60	6000	600	600	600	600	600
7000	700	70	7000	700	700	700	700	700
8000	800	80	8000	800	800	800	800	800
9000	900	90	9000	900	900	900	900	900
10000	1000	100	10000	1000	1000	1000	1000	1000

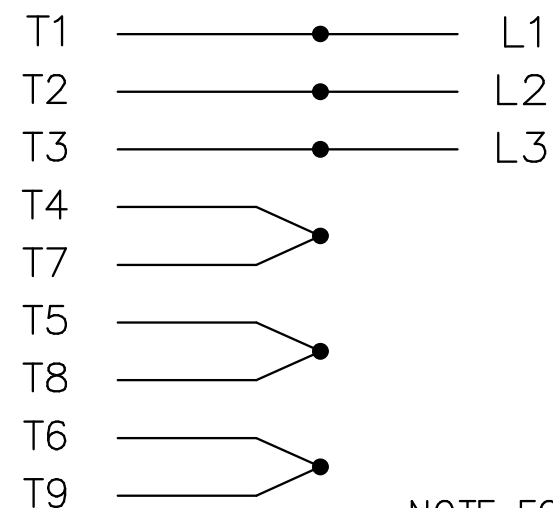
Load Curve Data Not Available

Quote: Price:

Date: 10/15/2014

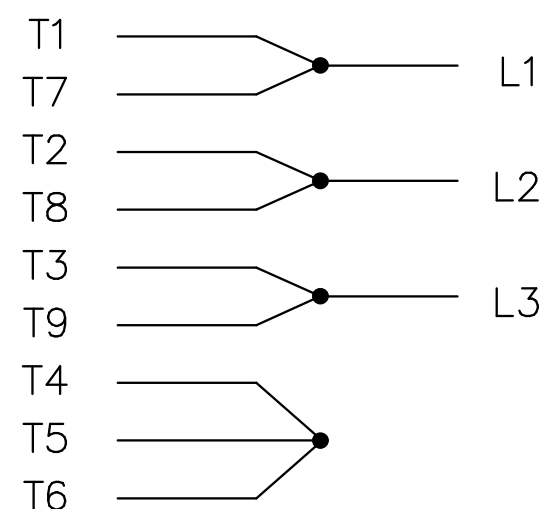


HIGH VOLTAGE



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

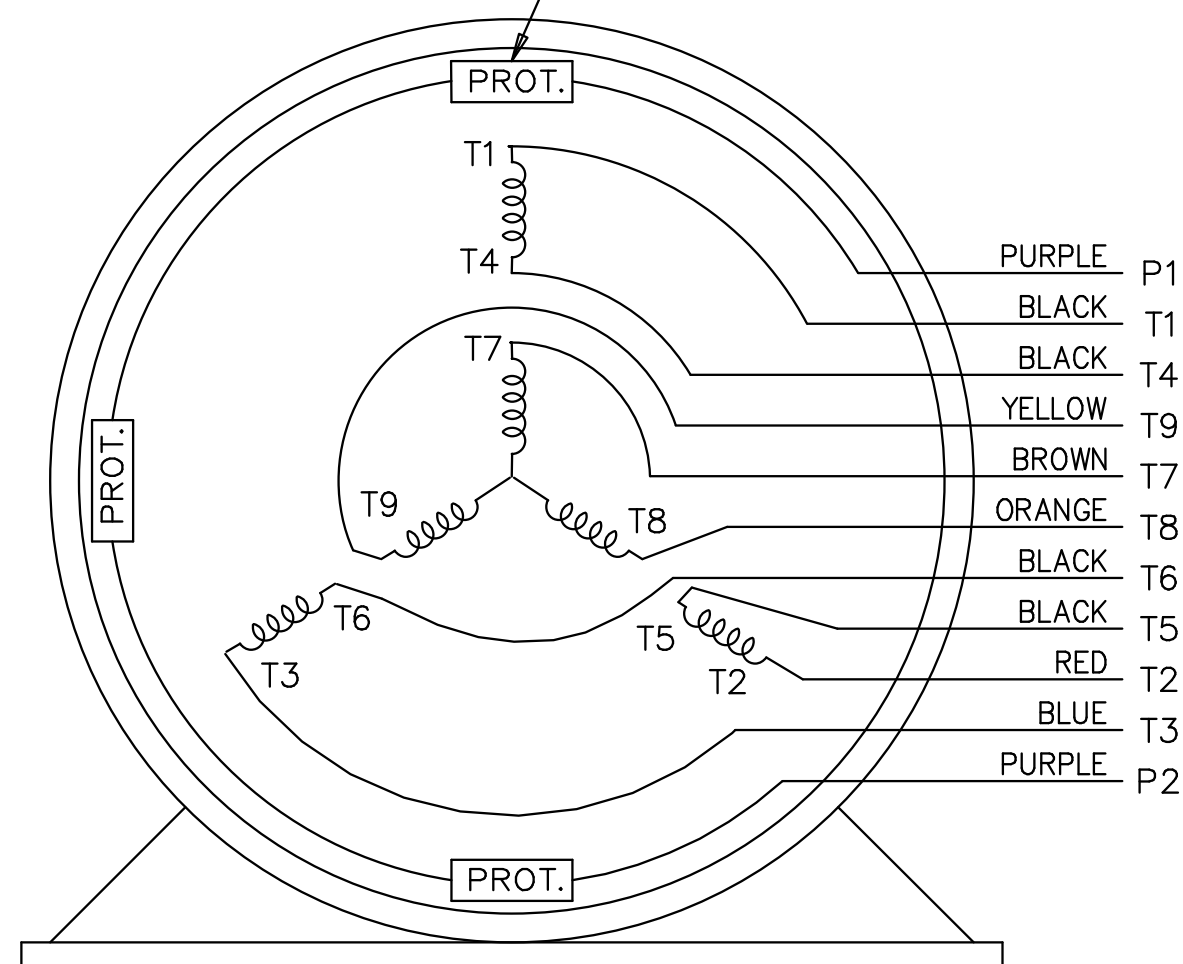
LOW VOLTAGE



THREE PHASE DUAL VOLTAGE MOTOR

EE7308T-LN

THREMO-PROTECTORS
CONNECTED IN SERIES.



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			
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				DIST LB					A	EE7308T-LN			