

# PRODUCT INFORMATION PACKET



Model No: SRF4S0.5TC61Q40  
Catalog No: LM22649  
1/2,1800,TEFC,56C,3/60/230/460  
4:1 Speed Ratio



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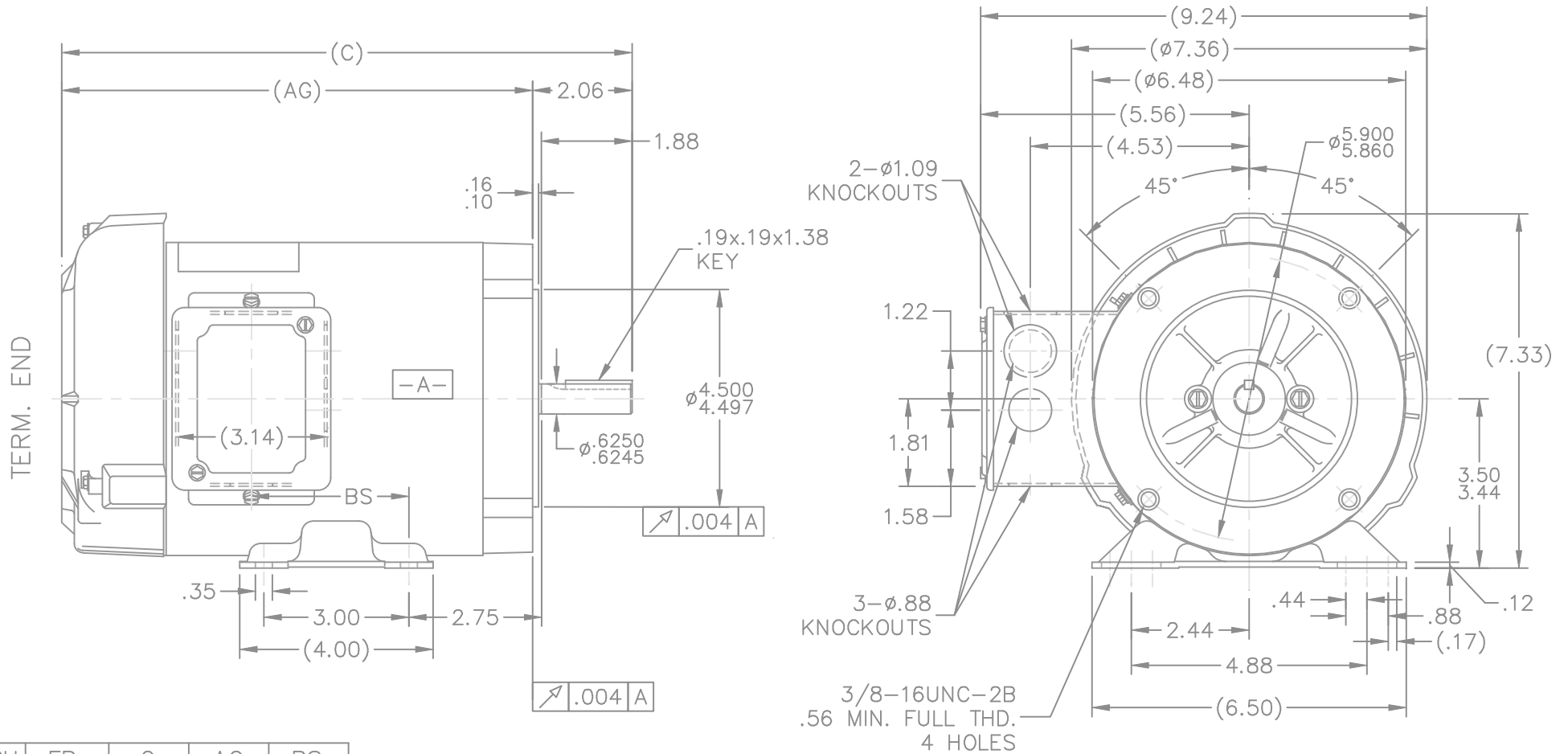
### Nameplate Specifications

Output HP	<b>0.50 Hp</b>	Output KW	<b>0.37 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>2.4/1.2 A</b>	Speed	<b>1750 rpm</b>
Service Factor	<b>1</b>	Phase	<b>3</b>
Efficiency	<b>68 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>M</b>	Frame	<b>56C-65</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>203</b>
Opp Drive End Bearing Size	<b>203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>43</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Line Or Inverter</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>11.81 in</b>	Frame Length	<b>6.56 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>A-100110LN-656</b>	Connection Diagram	<b>A-EE7308T-LN</b>

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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

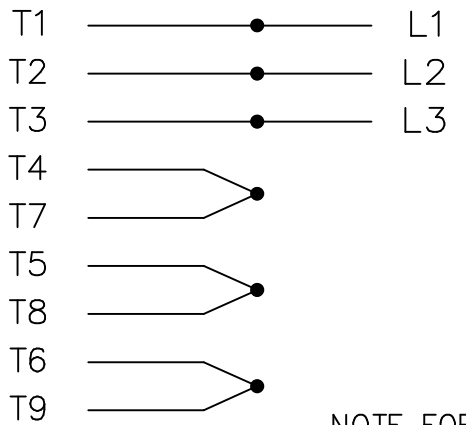
NOTES:

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

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

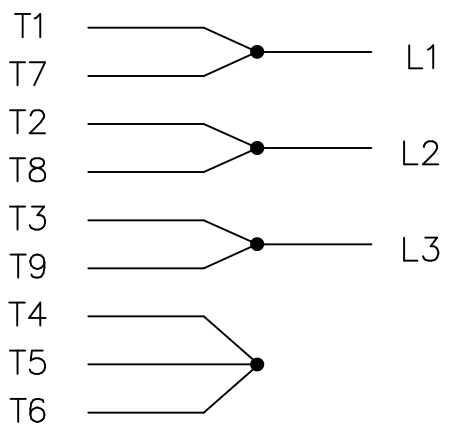
THREE PHASE  
DUAL VOLTAGE MOTOR

HIGH VOLTAGE

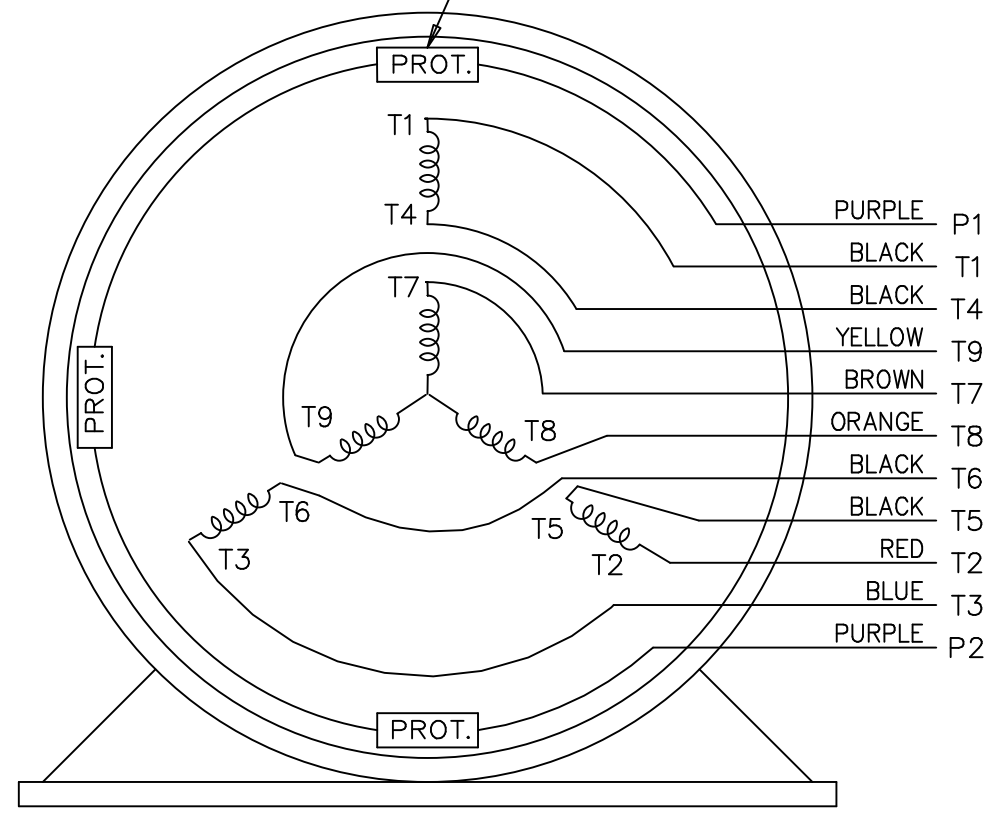


NOTE FOR FACTORY USE ONLY:  
TO SURGE TEST FOR COMMON CONNECT:  
HIGH VOLT: CONNECT P1 TO T1  
THEN P2 TO L1  
LOW VOLT: CONNECT P1 TO T1 & T7,  
THEN P2 TO L1

LOW VOLTAGE



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		
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_ln			SIZE	DRAWING NO. PAGE OF	REV.
				DIST LB				A	EE7308T-LN	2

