

# PRODUCT INFORMATION PACKET



Model No: SRF4S0.5TCN61  
Catalog No: LM24083  
1/2, 1725, TEFC, S56C, 3/60/208-230/460  
Totally Enclosed Fan Cooled (TEFC)



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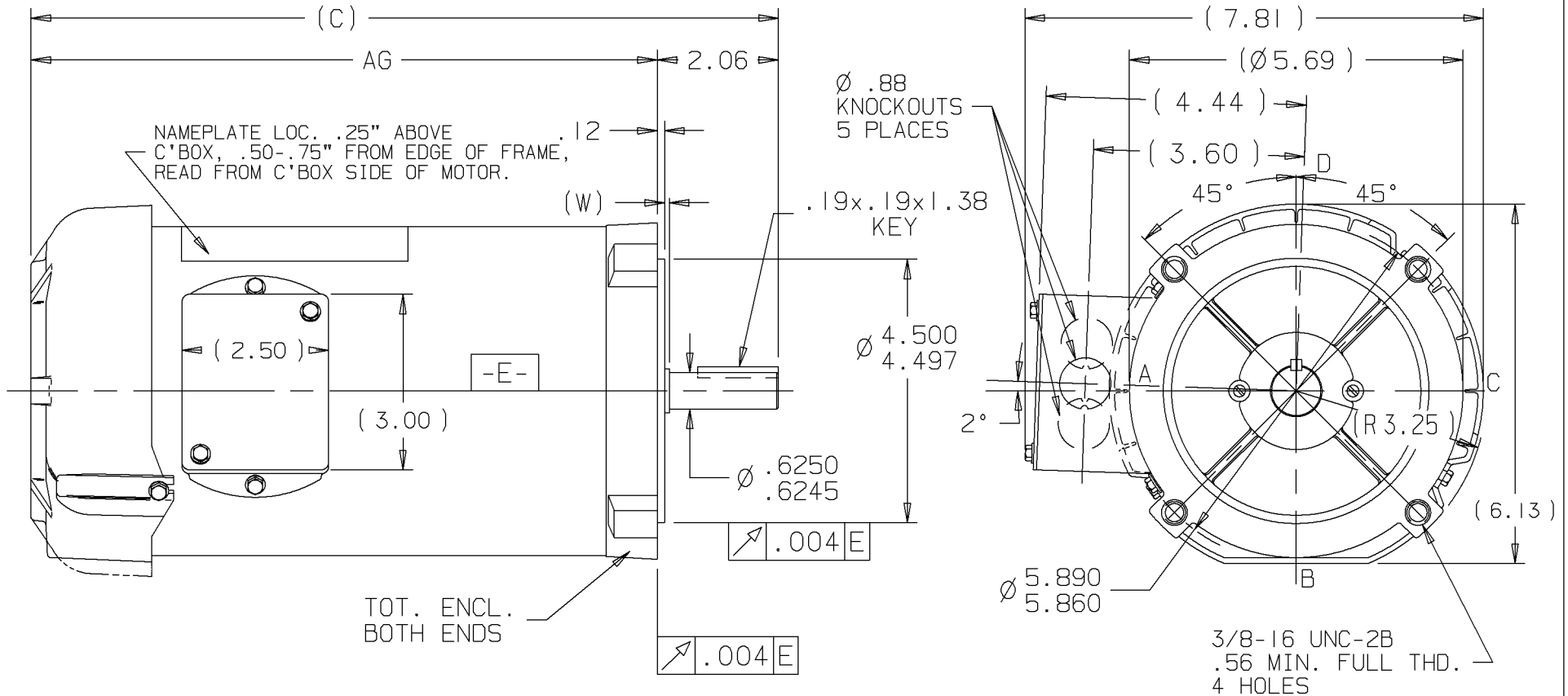
### Nameplate Specifications

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>2.2/1.1 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>70 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>M</b>	Frame	<b>S56C</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 Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Round</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>10.69 in</b>	Frame Length	<b>5.75 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-SS75175LN-575</b>	Connection Diagram	<b>A-EE7308-LN</b>

'W' = CLEARANCE ALLOWED FOR ALL VARIANCES  
IN MANUFACTURING & ASSEMBLY



DASH	C	AG	DASH	C	AG
500	9.94	7.88	625	11.19	9.13
525	10.19	8.13			
575	10.69	8.63			

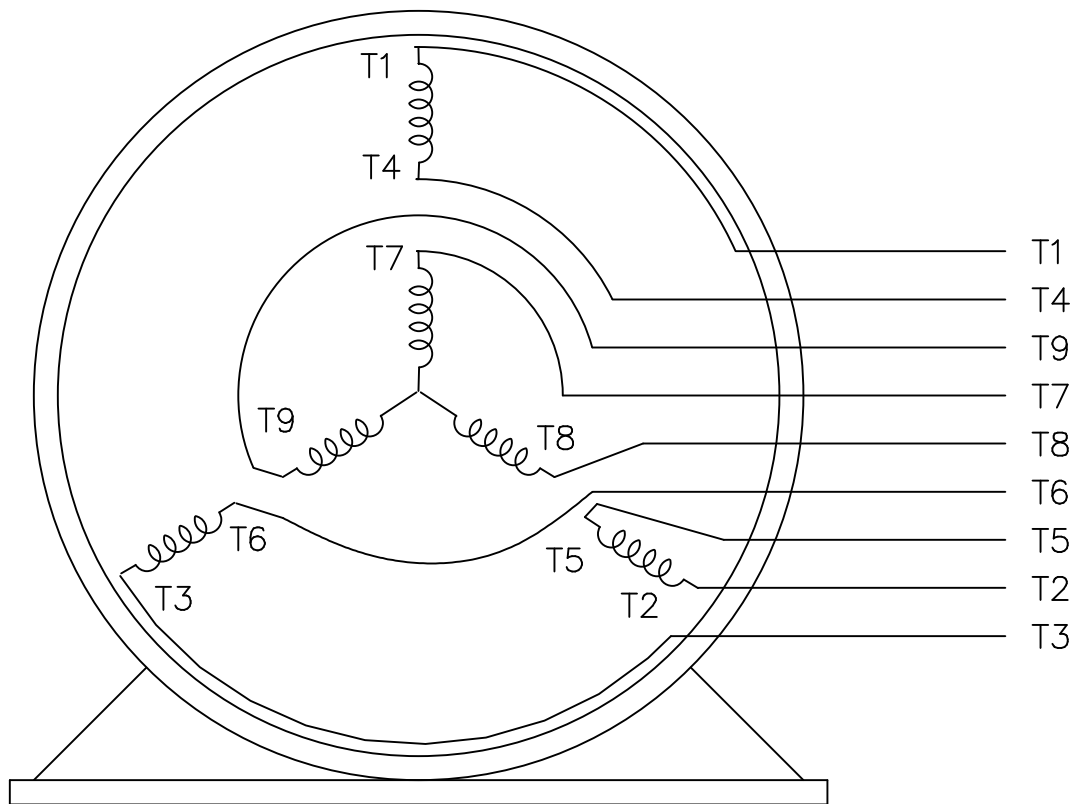
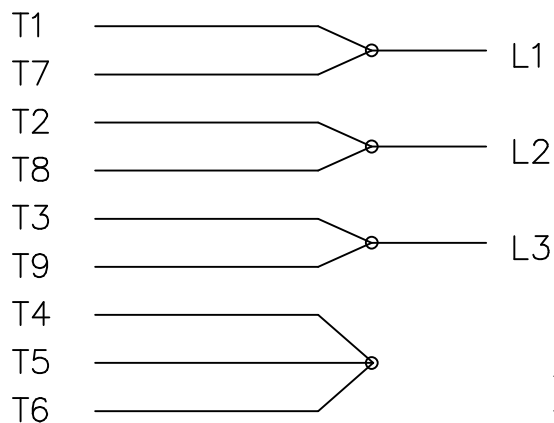
					✓ UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.03 XXX±.005 XXXX±.0005 ANGLES± 7'30"			
					MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED	DRAWN BY BLR 06-11-1999		
					FINISH	CHKD BY ML 07-21-1999		
				MATERIAL		APPD BY GK 07-21-1999		
REV	DATE	CHANGE		NAME	PART NAME OUTLINE			DRWG NO A- SS75175LN
					PURCHASED	CADD FILE NO.	SS75175LN	

THREE PHASE  
DUAL VOLTAGE MOTOR

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

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN BLR 06/11/1999			
				DEC.	INCHES					
				.X	±.1		CHK ML 06/18/1999			
							APPD GK 06/18/1999			
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XX	±.02	TITLE CONNECTION DIAGRAM	SCALE 1=1			
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK	.XXX	±.005	3∅ - DUAL VOLTAGE MOTOR	REF			
1	NEW DRAWING	BLR 06/18/1999	GK	.XXXX	±.0005	MAT'L.	FMF			
				ANG	±7'30"		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 A	DRAWING NO. EE7308-LN	PAGE OF 3	REV. 3
				DIST WP						



