

# PRODUCT INFORMATION PACKET

Model No: LM24241

Catalog No: LM24241

OBSOLETE - REPLACED BY LM32736 - 5..900.254T.ODP.230/460.3.60....1.15...SSD8S5T61

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### Nameplate Specifications

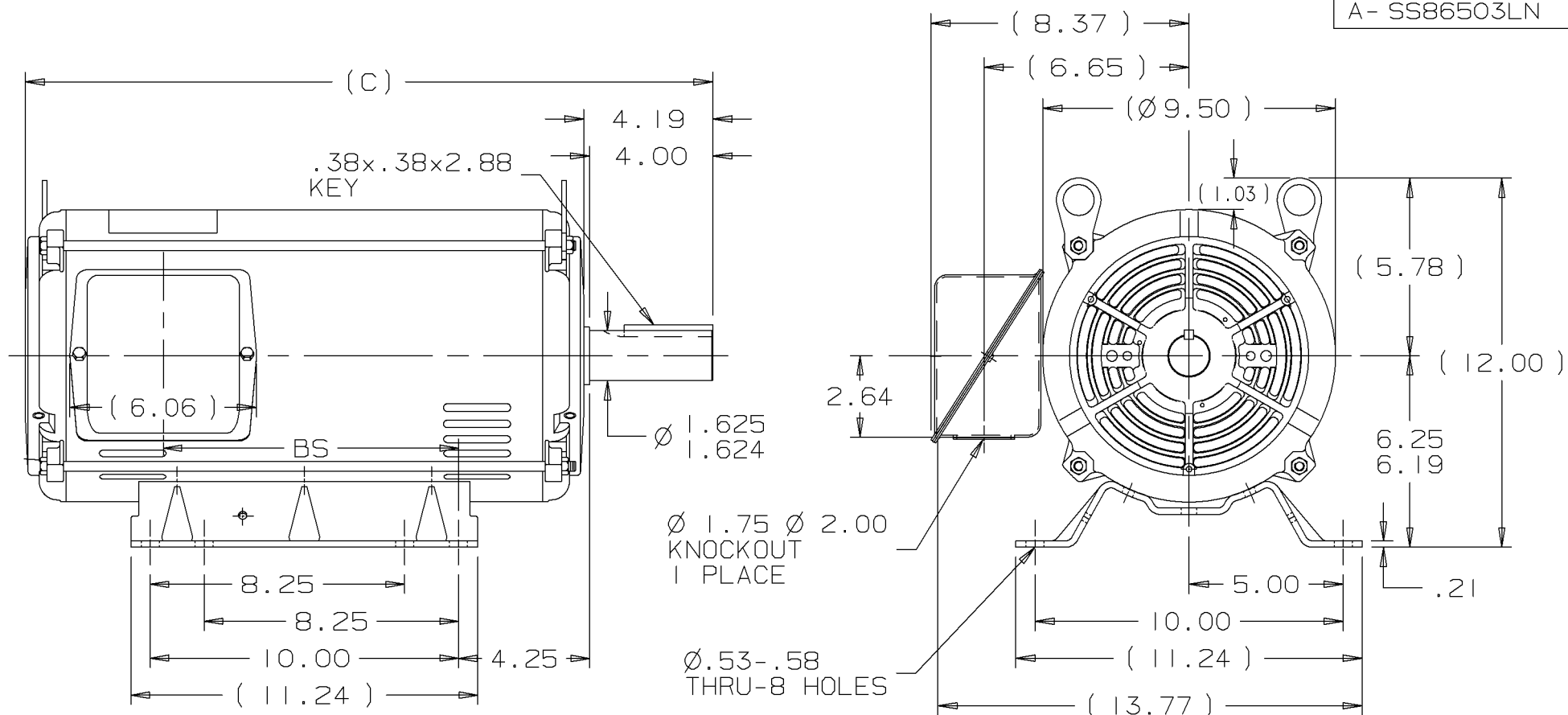
Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	230/460 V
Current	17.0/8.5 A	Speed	865 rpm
Service Factor	1.15	Phase	3
Efficiency	82.5 %	Power Factor	66.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	254T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	309	Opp Drive End Bearing Size	208
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Resistance Main	2.4 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	A-SS86503LN-1370	Connection Drawing	A-EE7308-LN

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A- SS86503LN



DASH	FR.	C	BS	MOUNTING
I 370	254T	20.57	7.68	F1 OR F2
I 545	254T/256T	22.32	9.43	F1 OR F2

## NOTES:

1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
2. BOX CAN BE MOUNTED IN 90° STEPS.
3. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°. (EXCEPT AS NOTED.)
4. F2 MOUNT -USES 2ND HOLE ON I370 FRAME.

				<div></div>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± .02    XXX± .005    XXXX± .0005    ANGLES± 7°30"						
2	01-31-2000	UPDATED CONDUIT BOX PER    CN 28427	TJB		MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED			DRAWN BY	TRB	07-20-1999	
					FINISH			CHKD BY	ML	07-20-1999	
1	07-20-1999	NEW DRAWING	TRB		MATERIAL			APPD BY	GK	07-20-1999	
REV	DATE	CHANGE	NAME	PART NAME    OUTLINE 250 FR.   -   BB   -   DR.PR.						DRWG NO A - SS86503LN	
				L	PURCHASED		CADD FILE NO.		SS86503LN		

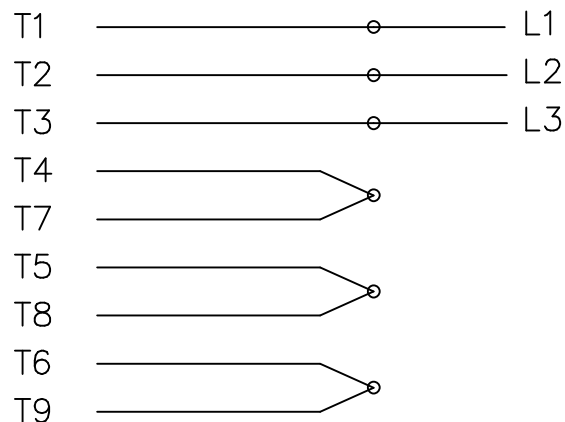
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OFFENDING COMMAND: --nostringval--

STACK:

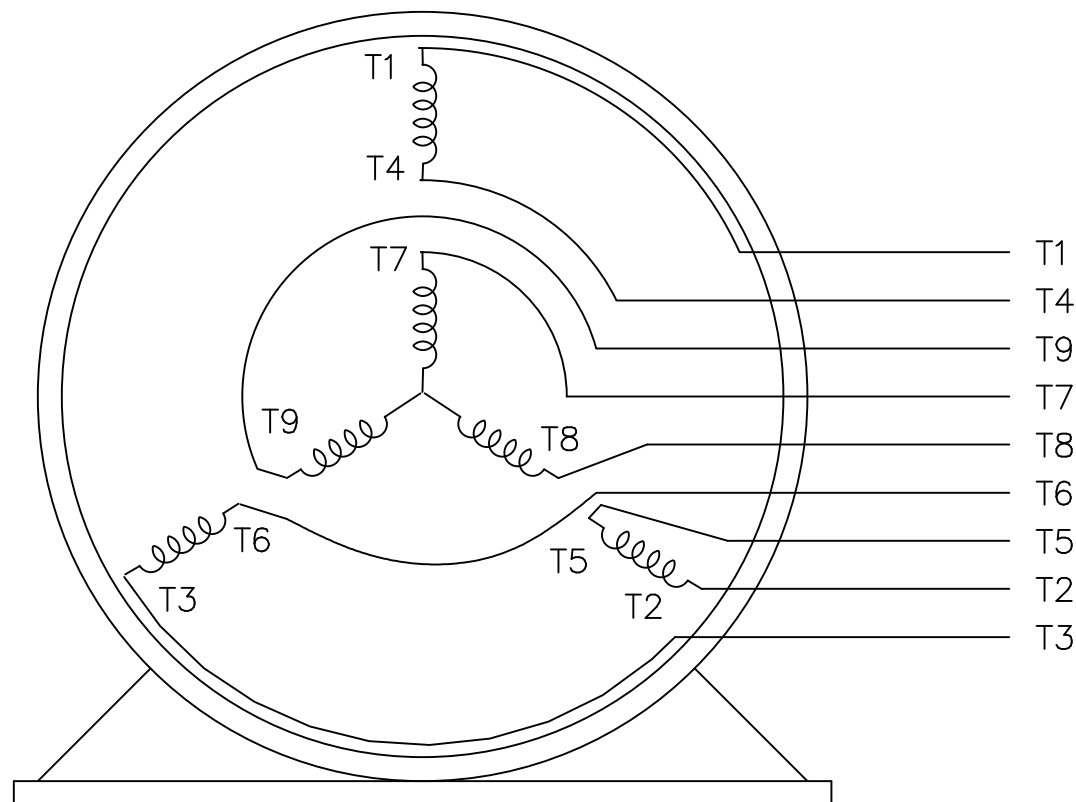
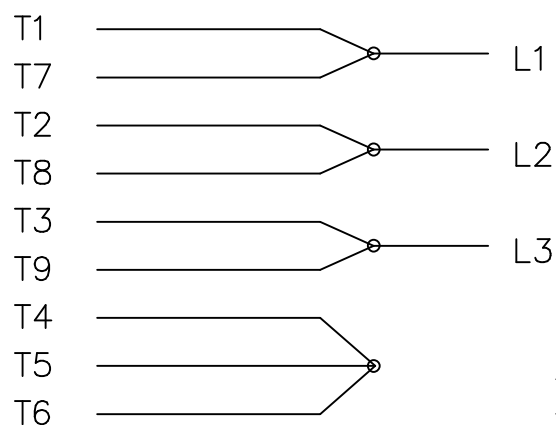
/RS  
-dictionary-  
/Pscript\_WinNT\_Compat  
-dictionary-

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

				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			
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	DRAWING NO.	PAGE OF	REV.
			DIST WP				A	EE7308-LN		3