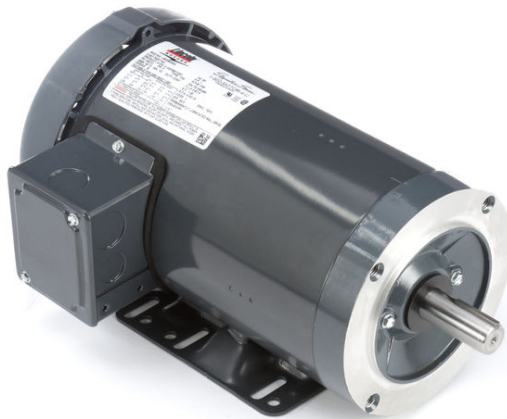


PRODUCT INFORMATION PACKET



Model No: SRN4H0.25TCN61
Catalog No: LM25136
1/4,1800,TENV,56C,3/60/230/460
Automotive Duty



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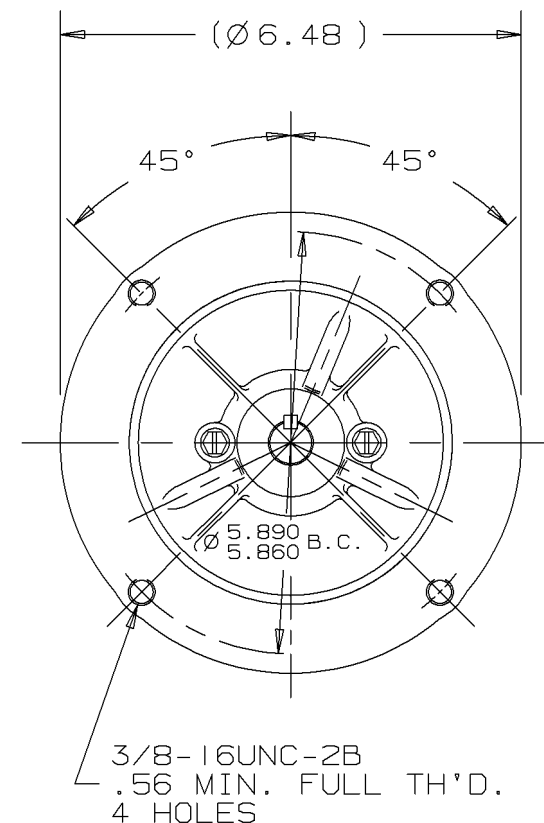
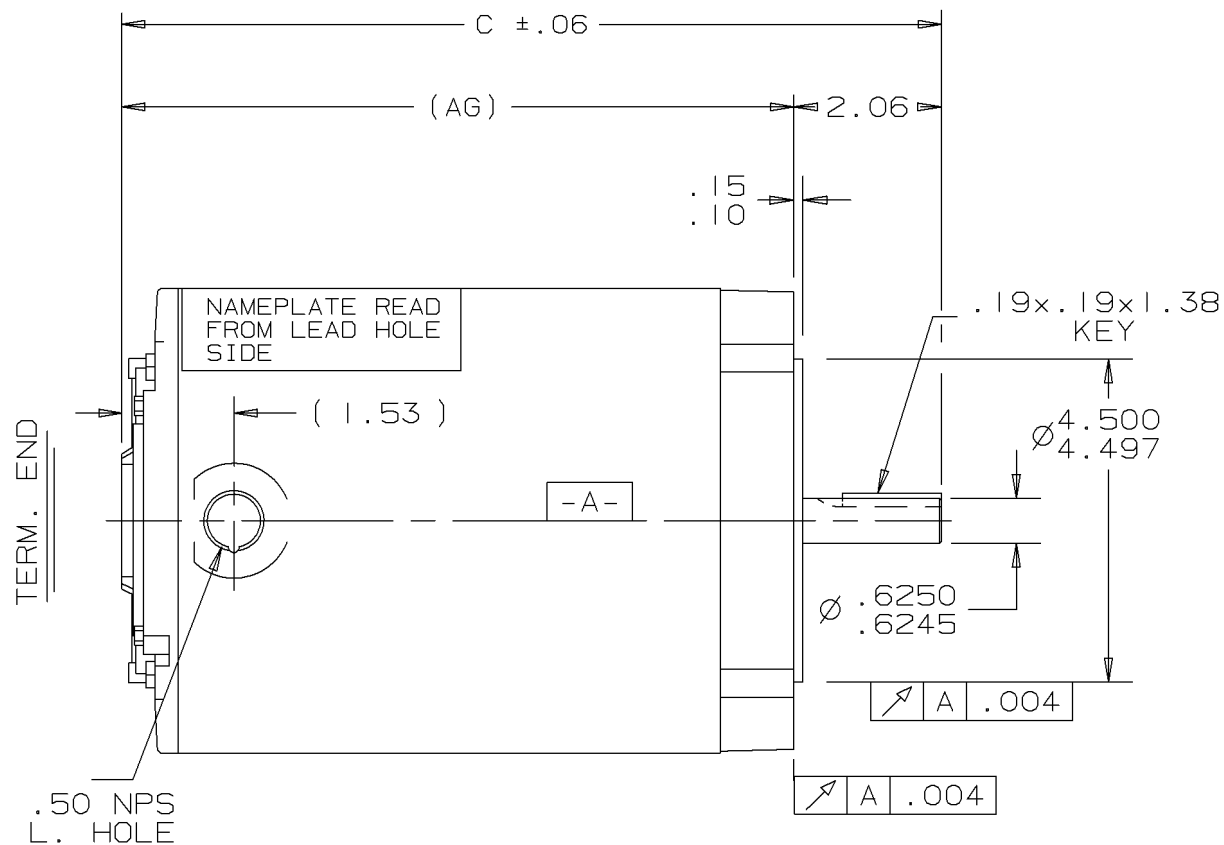
Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	230/460 V
Current	1.1/0.55 A	Speed	1725 rpm
Service Factor	1	Phase	3
Efficiency	70 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	N	Frame	56C
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	65 °C	Drive End Bearing Size	203
Opp Drive End Bearing Size	203	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Round	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	9.94 in	Frame Length	6.06 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	A-100104LN-606	Connection Diagram	A-EE7308-LN

A-100104LN



DASH	FR.	C	AG		DASH	FR.	C	AG	
606	56-60	9.94	7.87		806	56-80	11.94	9.87	
656	"-65	10.44	8.37		856	"-85	12.44	10.37	
706	"-70	10.94	8.87		906	"-90	12.94	10.87	
756	"-75	11.44	9.37		956	"-95	13.44	11.37	

					✓	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7°30"					
					MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED		DRAWN BY	TRB	09-07-1999		
					FINISH		CHKD BY	ML	09-07-1999		
					MATERIAL		APPD BY	ET	09-08-1999		
	09-08-1999	NEW DRAWING	TRB	PART NAME OUTLINE 56 FR - BB - TENV - C-FACE - 3Ø						DRWG NO A-100104LN	
REV	DATE	CHANGE	NAME						PURCHASED	CADD FILE NO.	100104LN

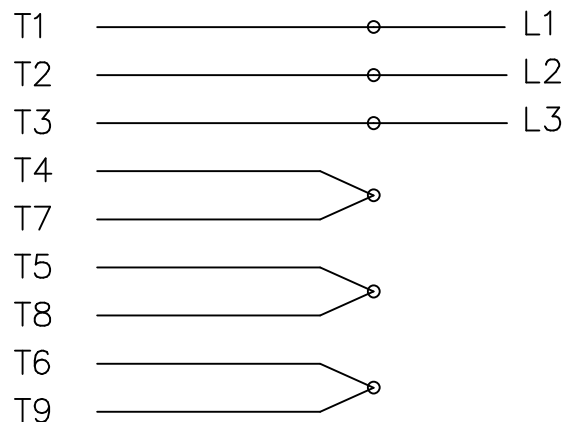
ERROR: undefined
OFFENDING COMMAND: en

STACK:

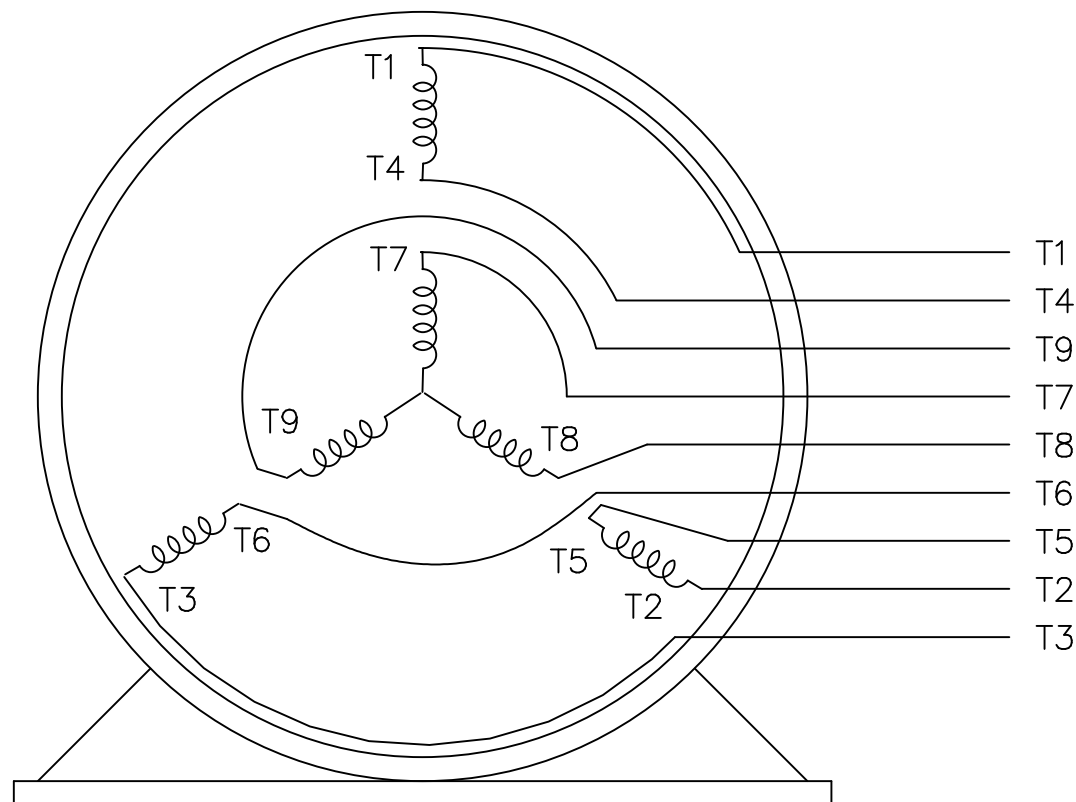
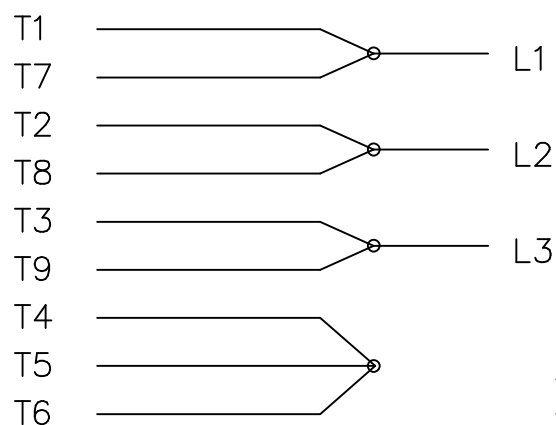
-dictionary-
/Pscript_WinNT_Compat
-dictionary-

THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE

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



Data@ 460 V

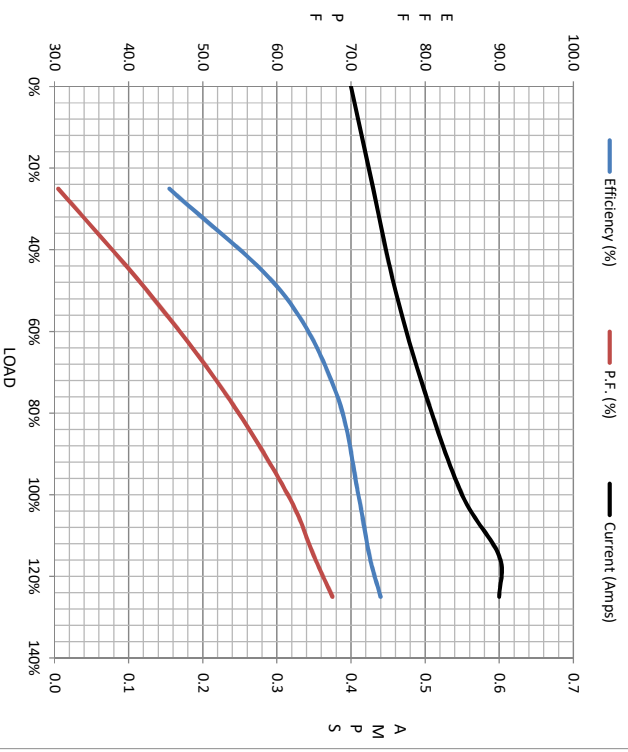
Motor Load Data									
	0%	25%	50%	75%	100%	115%	125%	LR	
Load									
Current (amps)	0.40	0.43	0.46	0.50	0.55	0.60	0.60	3.6	
Torque (ft-lb)	0.00	0.20	0.37	0.56	0.75	0.90	0.95	3.1	
RPM	1800	1785	1775	1765	1725	1,722	1720	0	
Efficiency (%)		45.5	60.5	68.0	71.0	72.5	74.0		
P.F. (%)	16.0	30.5	42.5	53.0	61.5	65.0	67.5	74.5	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle	Information Block	
Speed (RPM)	0	900	1800	1725	1800		
Current (Amps)	3.6	3.0	2.50	0.55	0.40	HP	0.3
Torque (ft-lb)	3.1	2.80	3.7	0.75	0.00	Sync. RPM	1800

Information Block

HP	0.3			
Sync. RPM	1800			
Frame	56			
Enclosure	EPNV			
Construction	TTR			
Voltage	230/460		V	
Frequency	60		Hz	
Design	B			
LR Code letter	N			
Service Factor	1.15			
Temp Rise @ FL	30		° C	
Duty	CONT			
Ambient	40		° C	
Elevation	1,000		feet	
Rotor/Shaft wk²	0.04		Lb-Ft²	
Ref Wdg	ZT493 R2			
Sound Pressure @ 1M	60		dBA	
VFD Rating	NONE			
Outline Dwg	A-100104LN-606			
Conn. Diag	A-EE7308-LN			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
34.0970	21.9980	32.2970	19.2980	533.9470



Speed -Torque Curve

