

PRODUCT INFORMATION PACKET



Model No: SRN2H0.5T61
Catalog No: LM25126
1/2,3600,TENV,56,3/60/230/460
Automotive Duty



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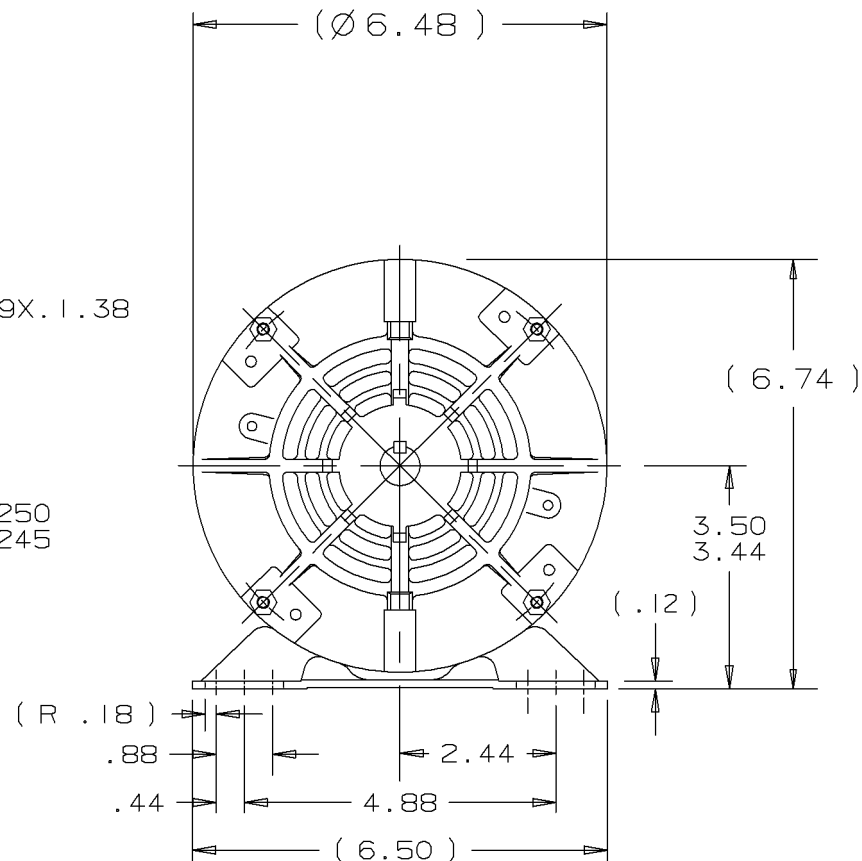
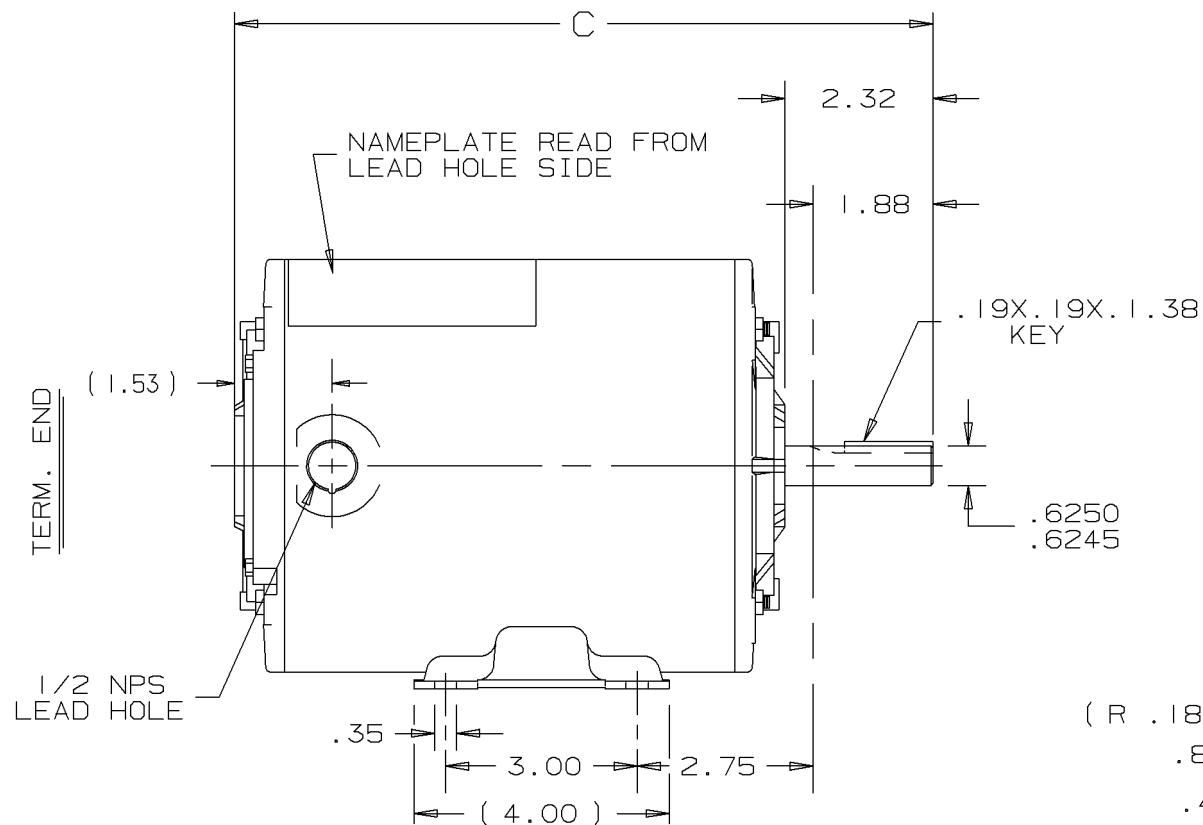
Nameplate Specifications

Output HP	0.50 Hp	Output KW	0.37 kW
Frequency	60 Hz	Voltage	230/460 V
Current	1.6/0.80 A	Speed	3450 rpm
Service Factor	1	Phase	3
Efficiency	74 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	56
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	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	9.94 in	Frame Length	6.06 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-100108LN-606	Connection Diagram	A-EE7308-LN

A-100108LN

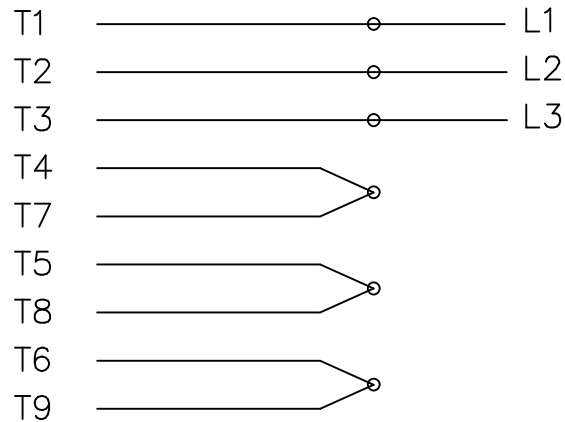


DASH	FR.	C			DASH	FR.	C		
					756	56-75	11.44		
606	56-60	9.94			806	"-80	11.94		
656	"-65	10.44			856	"-85	12.44		
706	"-70	10.94							

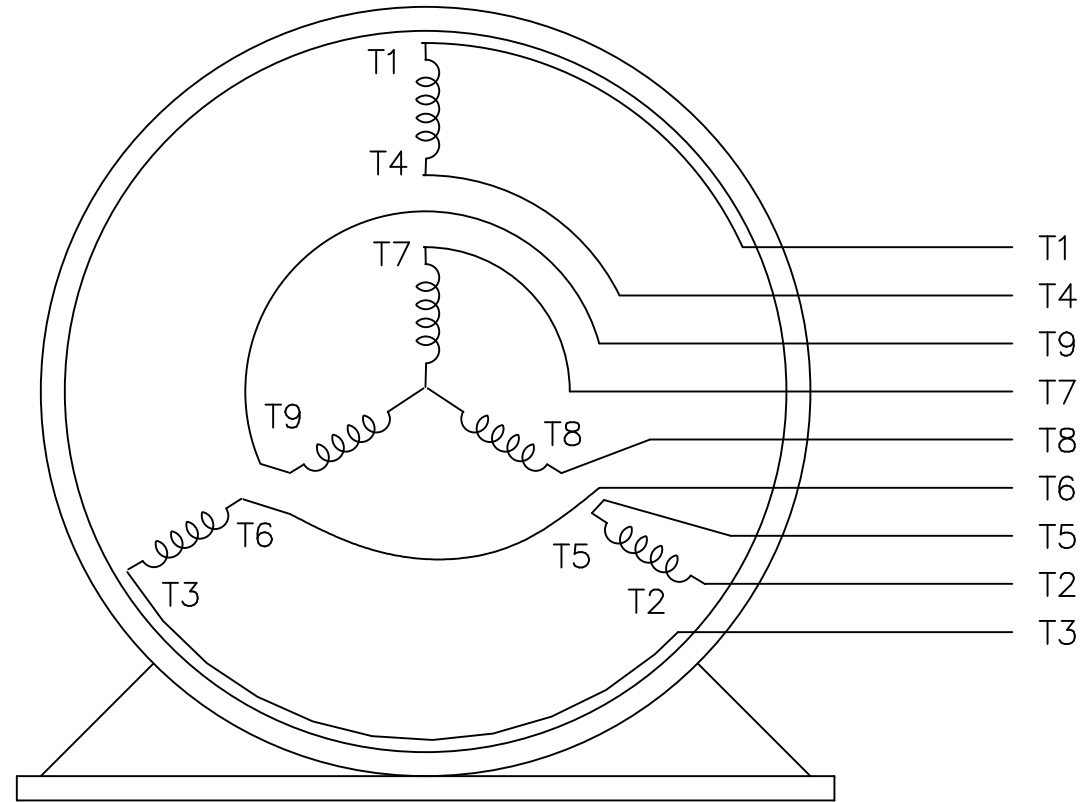
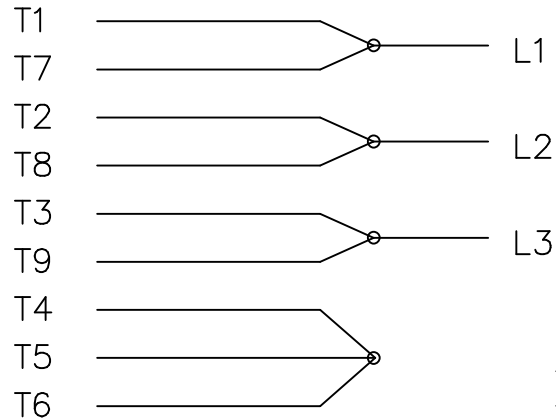
					✓ UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7°30"					
					MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED			DRAWN BY TRB	09-07-1999	
					FINISH			CHKD BY ML	09-07-1999	
I	09-08-1999	NEW DRAWING		TRB	MATERIAL			APPD BY ET	09-08-1999	
REV	DATE	CHANGE		NAME	PART NAME OUTLINE 56 FR - TENV - BB - 3Ø				DRWG NO A-100108LN	
					PURCHASED		CADD FILE NO.		100108LN	

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

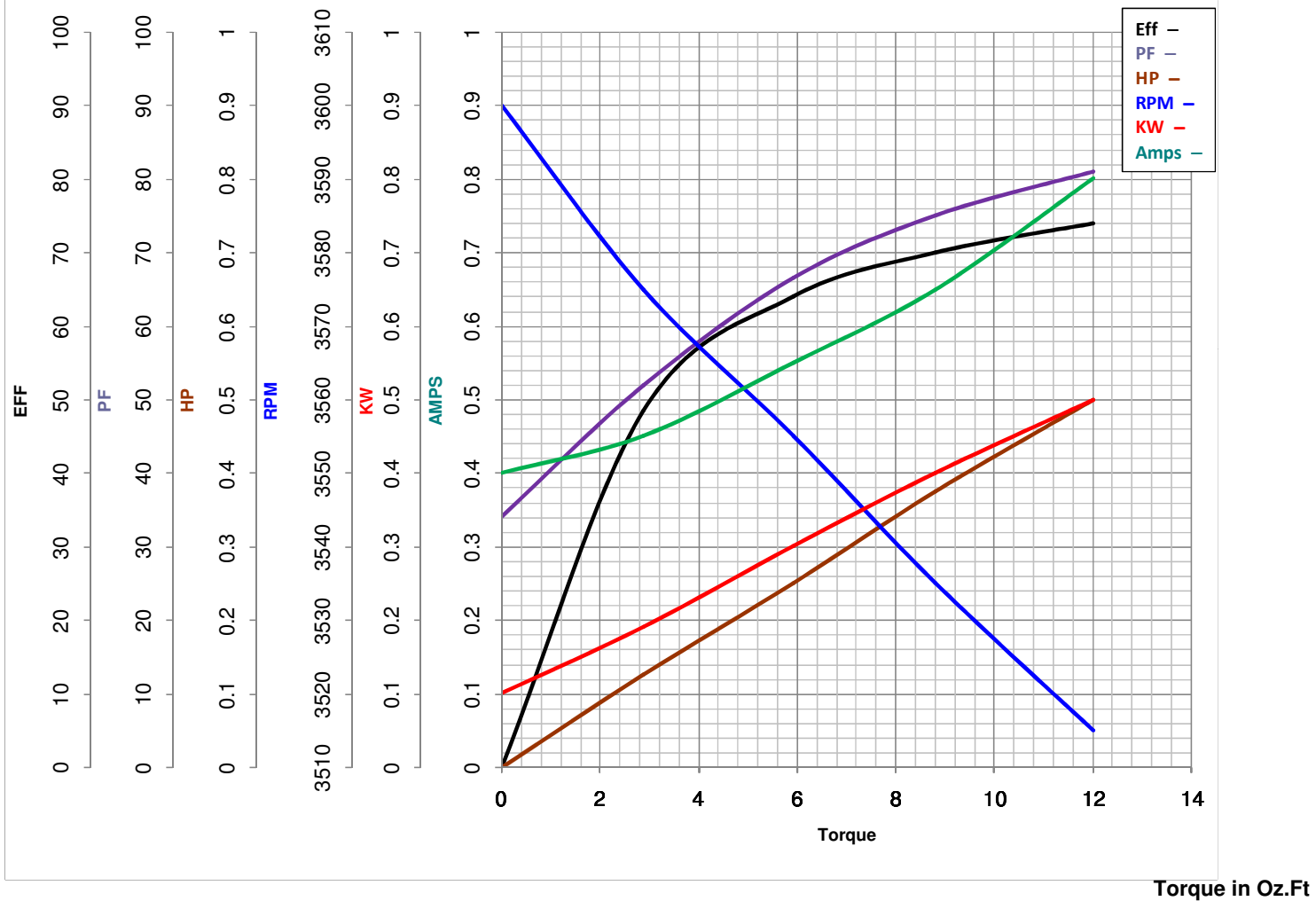
			TOLERANCES UNLESS SPECIFIED			DRAWN BLR 06/11/1999			
			DEC.	INCHES		CHK	ML	06/18/1999	
			.X	±.1		APPD	GK	06/18/1999	
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XX	±.02	TITLE CONNECTION DIAGRAM 3Ø — DUAL VOLTAGE MOTOR			
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK	.XXX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

Model No LM25126Catalog No LM25126A

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

 Curve at 460
60
0.5

 Volts
 HZ
 HP
HP 0.50VOLTS 230/460PHASE 3HZ 60RPM 3450
 FL TORQUE 12 Oz.Ft
 BD TORQUE 48.0 Oz.Ft
 LR TORQUE 32 Oz.Ft
WINDING ZT280-3
 FL AMPS 1.6/8
 PU TORQUE 27.2 Oz.Ft
 LR AMPS 6.2
Date 6/4/2018