

PRODUCT INFORMATION PACKET



Model No: SRN4H0.25T61
Catalog No: LM25123
1/4,1800,TENV,56,3/60/230/460
Automotive Duty



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E





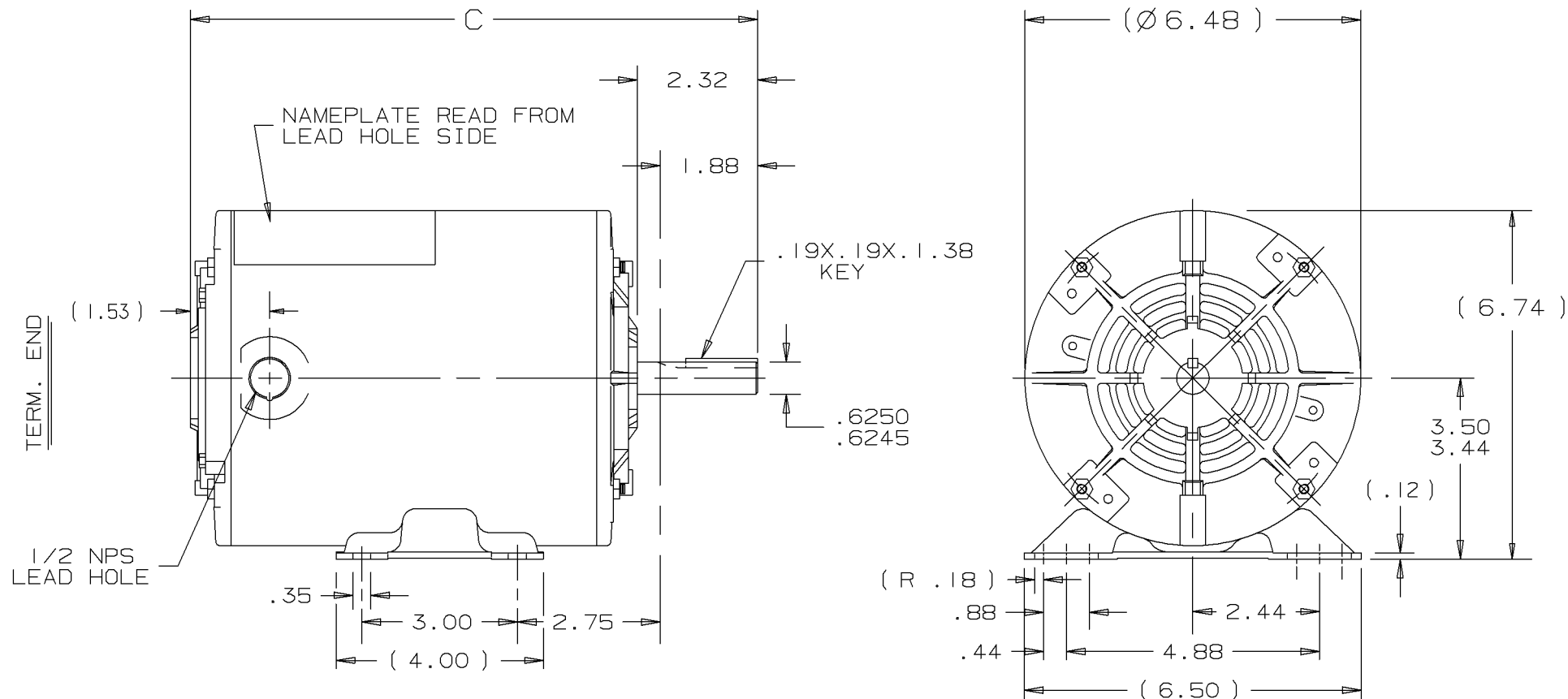
Nameplate Specifications

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	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	4	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

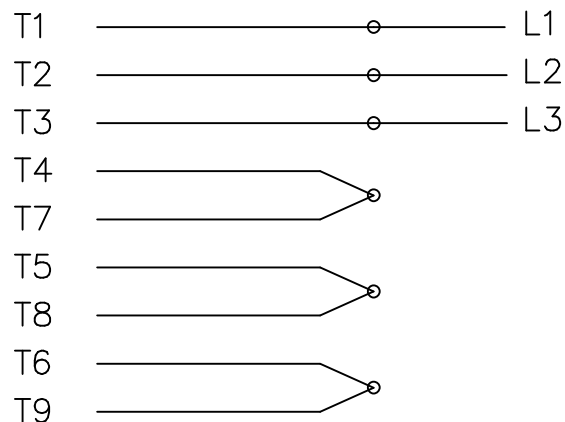


DASH	FR.	C			DASH	FR.	C		
					756	56-75	11.44		
606	56-60	9.94			806	"-80	11.94		
656	"-65	10.44			856	"-85	12.44		
706	"-70	10.94							

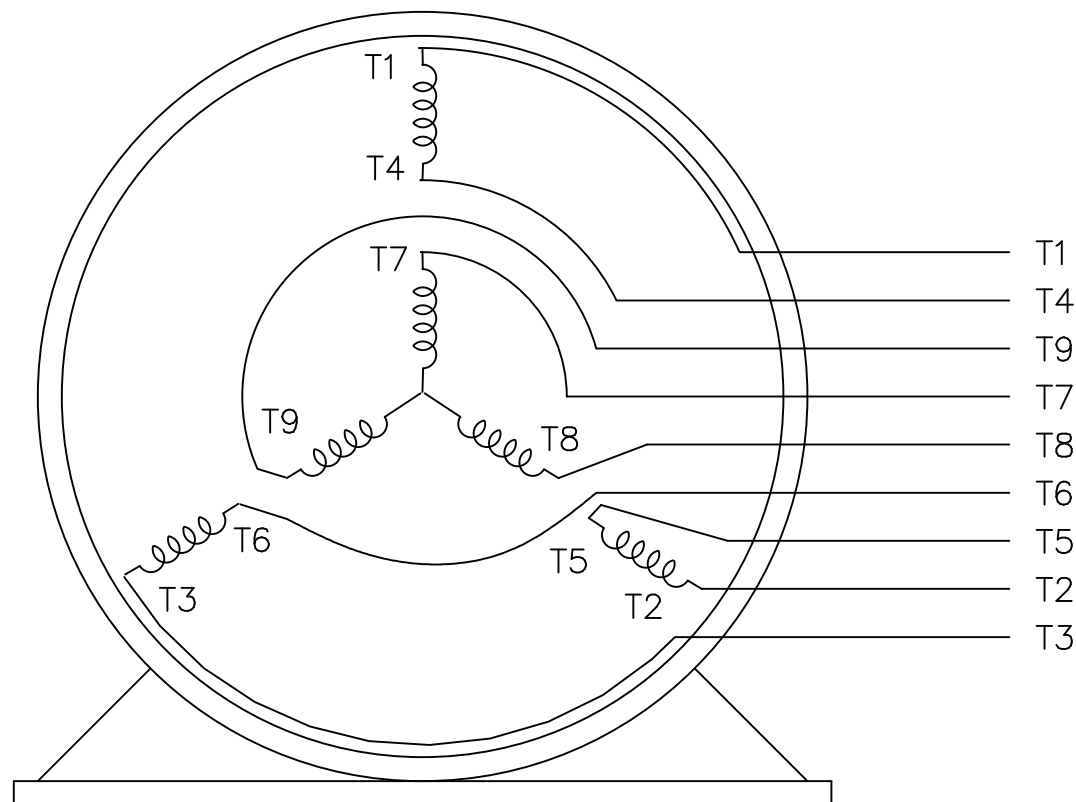
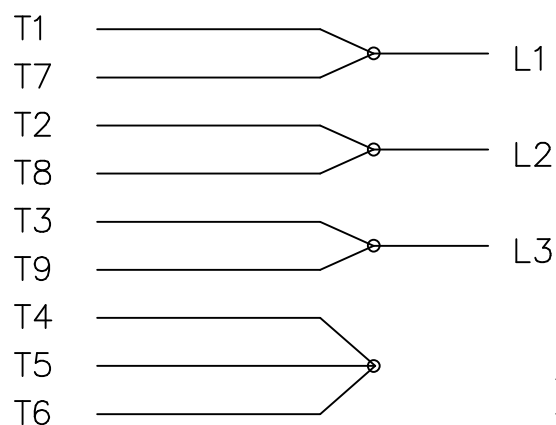
					UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7°30"						
					MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED		DRAWN BY	TRB	09-07-1999		
					FINISH		CHKD BY	ML	09-07-1999		
I	09-08-1999	NEW DRAWING		TRB	MATERIAL			APPD BY	ET	09-08-1999	
REV	DATE	CHANGE		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	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						

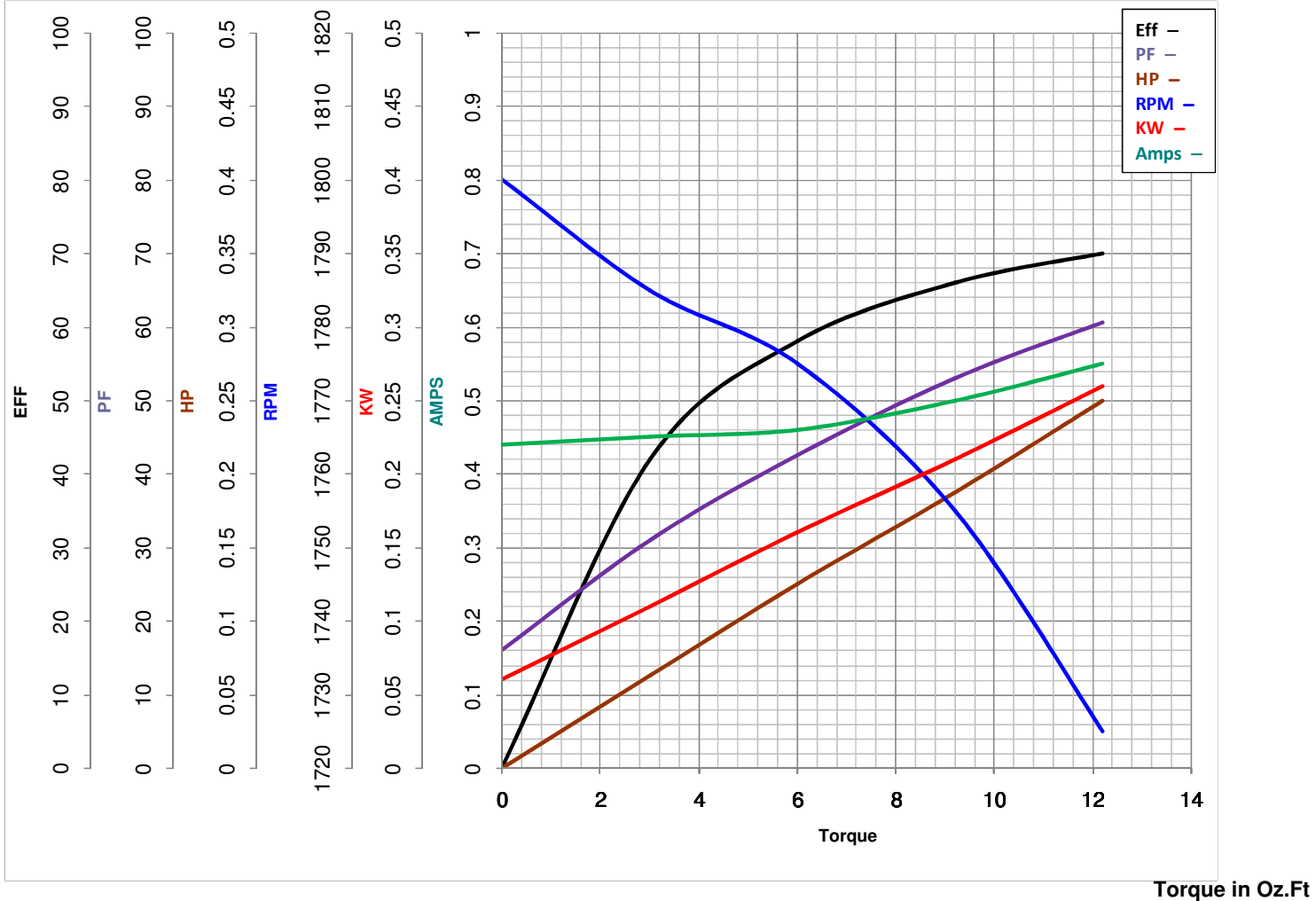
Model No LM25123Catalog No LM25123A

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at 460
60
0.25

Volts
HZ
HP

HP 0.25VOLTS 230/460PHASE 3HZ 60RPM 1725

FL TORQUE 12.2 Oz.Ft
BD TORQUE 60.3 Oz.Ft
LR TORQUE 51 Oz.Ft

WINDING ZT493-3

FL AMPS 1.1/55
PU TORQUE 49.5 Oz.Ft
LR AMPS 3.6

Date 6/7/2018