PRODUCT INFORMATION PACKET

Model No: SRF6S0.75T61
Catalog No: LM24136
3/4,1140,TEFC,56,3/60/208-230/460
Totally Enclosed Fan Cooled (TEFC)

Product Information Packet: Model No: SRF6S0.75T61, Catalog No:LM24136 3/4,1140,TEFC,56,3/60/208-230/460

Nameplate Specifications

Output HP	**0.75 Hp**	Output KW	**0.56 kW**
Frequency	**60 Hz**	Voltage	**230/460 V**
Current	**3.2/1.6 A**	Speed	**1140 rpm**
Service Factor	**1.15**	Phase	**3**
Efficiency	**74 %**	Duty	**Continuous**
Insulation Class	**B**	Design Code	**B**
KVA Code	**K**	Frame	**56**
Enclosure	**Totally Enclosed Fan Cooled**	Overload Protector	**No**
Ambient Temperature	**40 °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	**6**	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	**12.32 in**	Frame Length	**7.06 in**
Shaft Diameter	**0.625 in**	Shaft Extension	**1.88 in**
Assembly/Box Mounting	**F1 ONLY**		
Outline Drawing	**A-100086LN-706**	Connection Diagram	**A-EE7308-LN**

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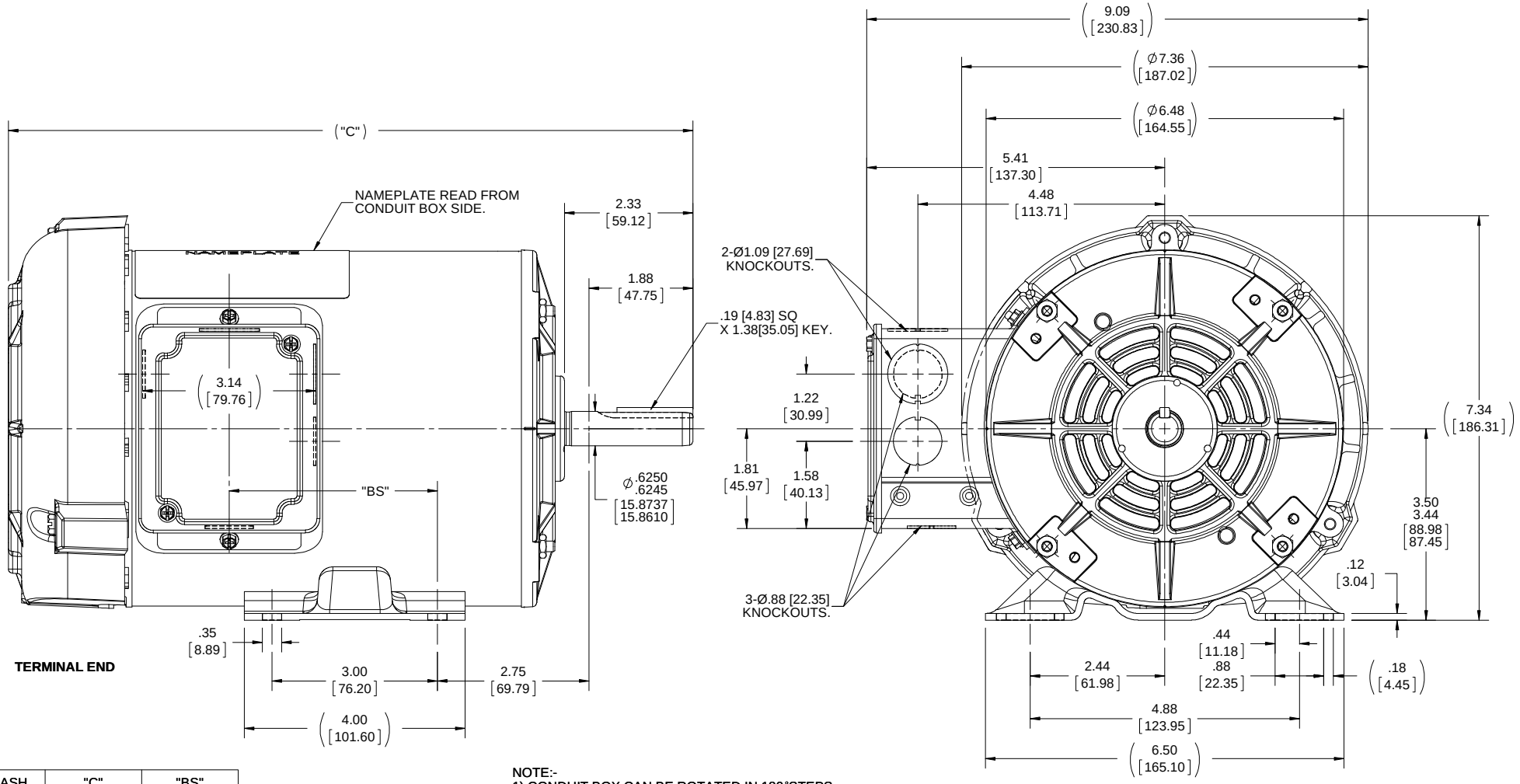


DASH	"C"	"BS"
606	11.41 [289.81]	2.78 [70.61]
656	11.91 [302.51]	3.28 [83.31]
706	12.41 [315.21]	3.78 [96.01]
756	12.91 [327.91]	4.28 [108.71]
806	13.41 [340.61]	4.78 [121.41]
856	13.91 [353.31]	5.28 [134.11]
906	14.41 [366.01]	5.78 [146.81]

NOTE:-
1) CONDUIT BOX CAN BE ROTATED IN 180°STEPS.

DRAWING REVISION	REVISION BY	DATE
C	A.SUPPANNAVAR	02/26/2018
ECO	APPROVED BY	DATE
ECO-0143026	PST	04/11/2018

ECO DESCRIPTION: OUTLINE CONVERSION PROJECT

TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7' 30"
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45 °
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 200 INCH / 5.1 mm
mm SHOWN IN [BRACKETS]

DRAWN BY	BLR
DATE	06-07-1999
APPROVED BY	
DATE	
REFERENCE	100086LN
THIRD ANGLE PROJECTION	

Regal Beloit America, Inc.

DESCRIPTION: OUTLINE
56 FR.-TEFC

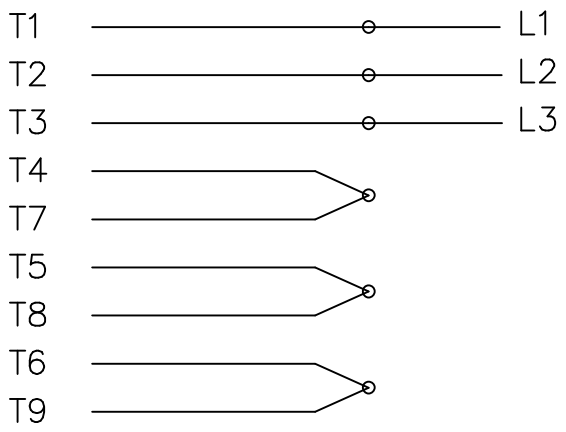
MATERIAL | PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	100086LN	1 OF 1

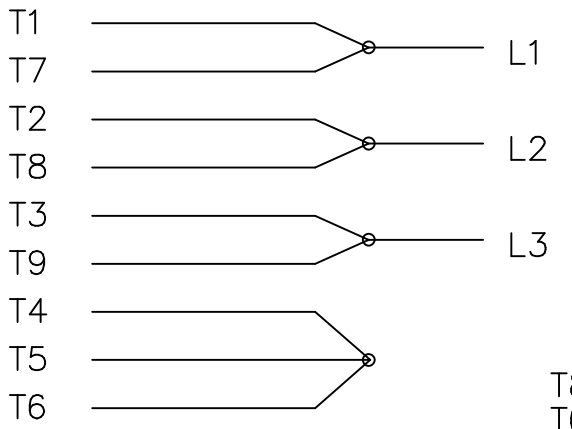
EE7308-LN

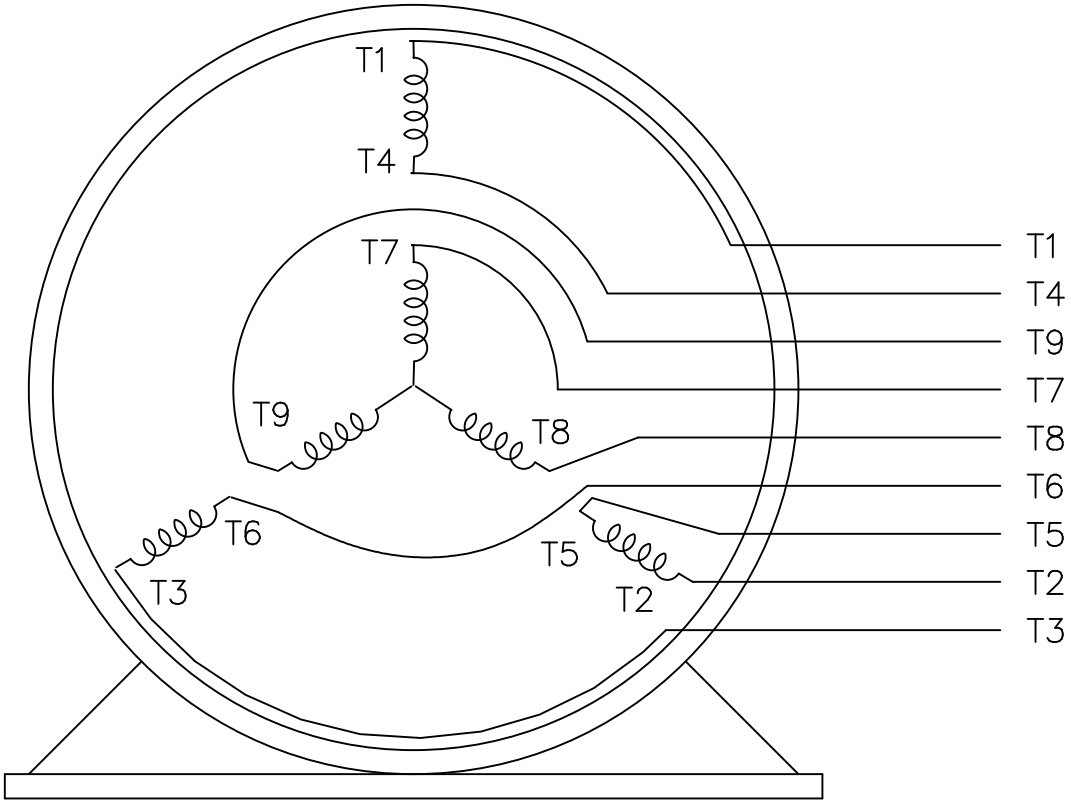
THREE PHASE
DUAL VOLTAGE MOTOR

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
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK
1	NEW DRAWING	BLR 06/18/1999	GK

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Lincoln MOTORS

TITLE CONNECTION DIAGRAM
3ø – DUAL VOLTAGE MOTOR

MAT'L.

FINISH

CAD FILE EE7308LN

RFP

DIST WP

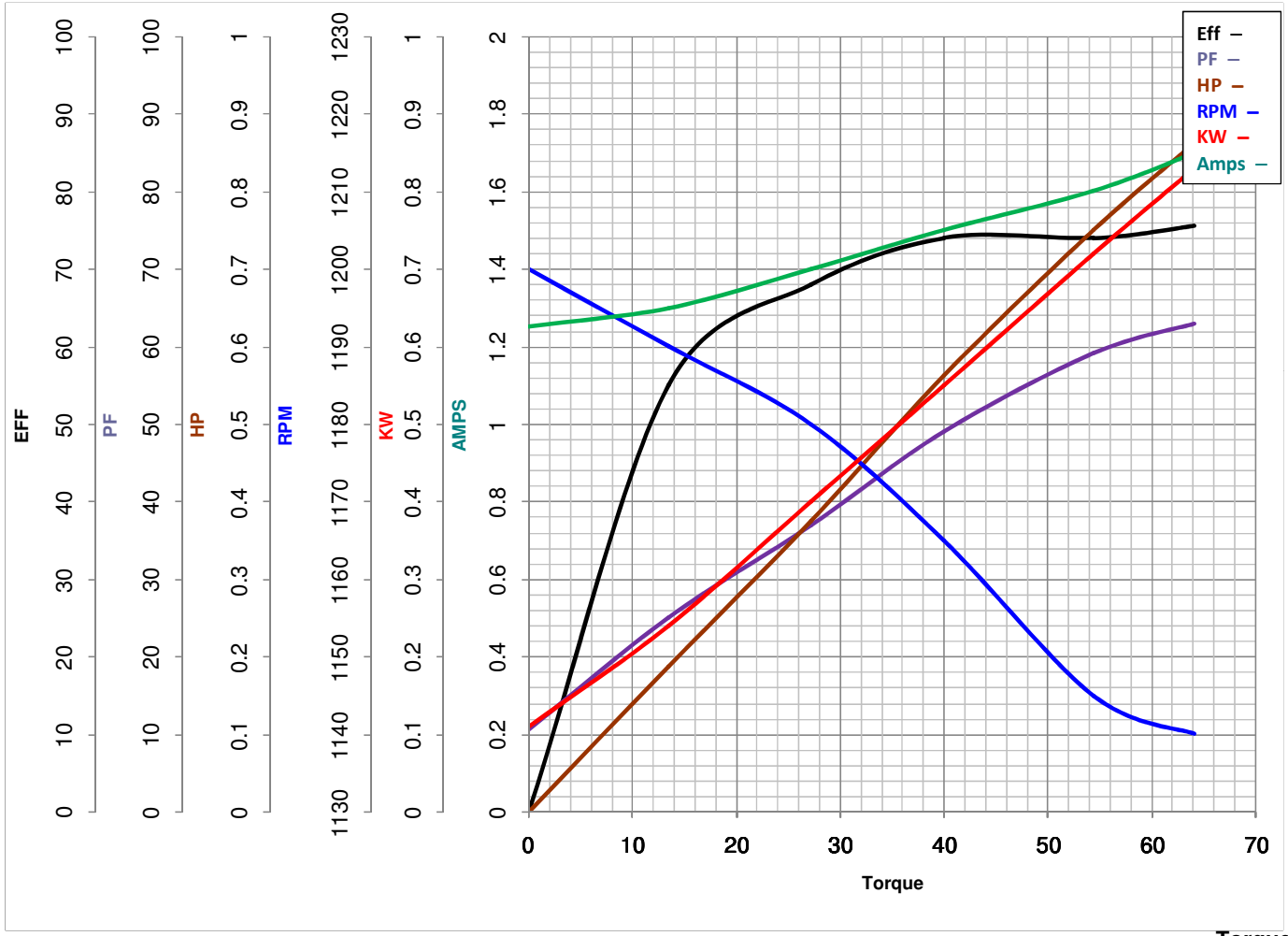
DRAWN BLR	06/11/1999
CHK ML	06/18/1999
APPD GK	06/18/1999
SCALE	1=1
REF	
FMF	
PREV	

SIZE	DRAWING NO.	PAGE	OF	REV.
A	EE7308-LN			3

LEESON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Curve at	460	**Volts**	**HP**	0.75	**PHASE**	3
	60	**HZ**				
Model No LM24136	0.75	**HP**	**VOLTS**	230/460		
Catalog No LM24136A			**HZ**	60	**RPM**	1140



Torque in Oz.Ft

FL TORQUE	54.4	**Oz.Ft**	**FL AMPS**	3.2/1.6	
BD TORQUE	200.0	**Oz.Ft**	**PU TORQUE**	126.4	**Oz.Ft**
LR TORQUE	140.8	**Oz.Ft**	**LR AMPS**	8.5	
WINDING	ZT607-3			**Date**	**5/22/2018**