PRODUCT INFORMATION PACKET

Model No: LM30094 Catalog No: LM30094 Elevator Duty Motor, 15 & 20 HP, 3 Ph, 60 & 60 Hz, 230/460 & 230/460 V, 3600 & 3600 RPM, 215T Frame, DP



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Nameplate Specifications

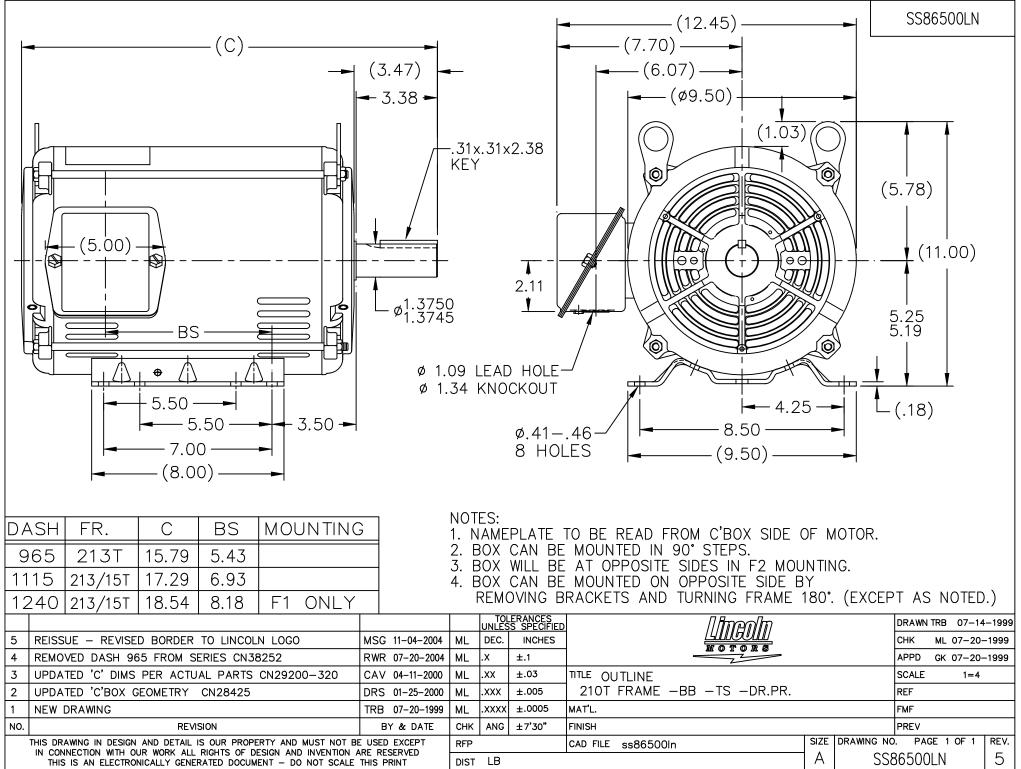
Phase	3	Output HP	15 & 20 Hp
Output KW	11.2 & 14.9 kW	Voltage	230/460 & 230/460 V
Speed	3510 & 3510 rpm	Service Factor	1.15 & 1.0
Frame	215T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	90.2 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 60 Hz
Current	34/17 & 46/23 A	Power Factor	91
Duty	120/80 Starts/Hour	Insulation Class	F
Design Code	INV	KVA Code	G
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Υ	IP Code	22
Number of Speeds	1		

Technical Specifications

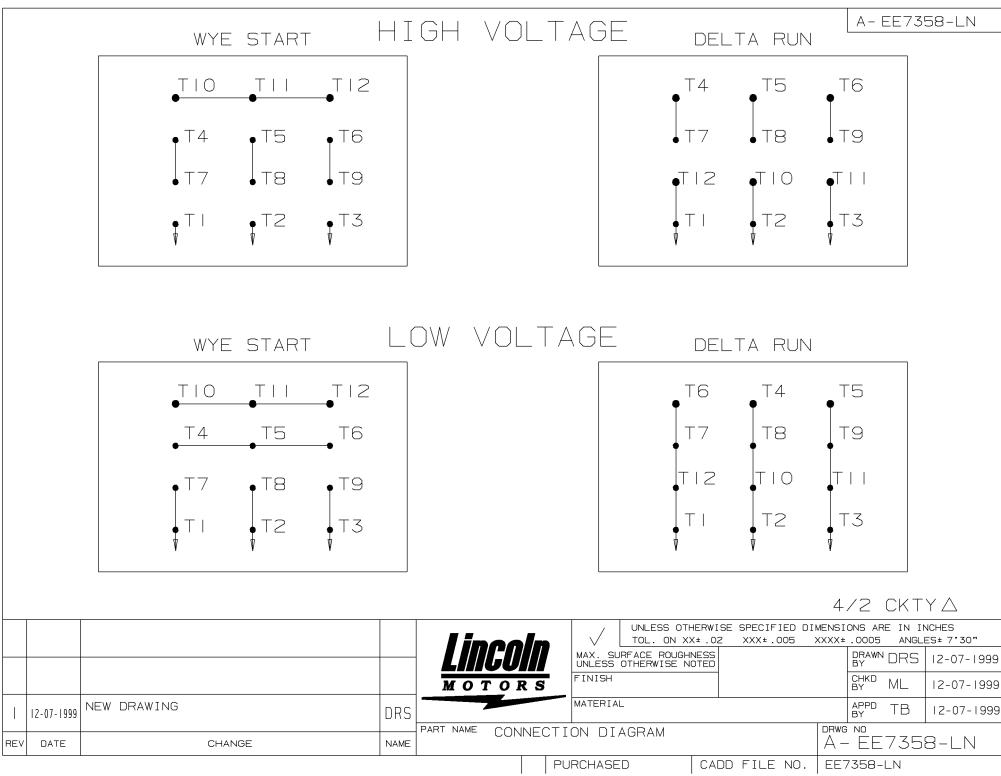
Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	т	Overall Length	18.54 in
Frame Length	12.40 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	EE7358-LN	Outline Drawing	SS86500LN-1240

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CERTIFICATION DATA SHEET

CONN. DIAGRAM: A-EE7358-LN

OUTLINE: A-SS86500LN-1240

WINDING #: K2152149 R5 10

CATALOG #: LM30094

MOUNTING: F1/F2 CAPABLE

TYP]	[CAL	MOTOR	PER	FORMANCE	E DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	ΚΥΑ COE	DE I	DESIGN
15&20	11.2&14.9	3600	3510&3510	215T	DP	G		INV
рн н7	VOLTS	AMPS	START TY	í		TNSI	S F	AMBOC

РН	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/60	230/460&230/460	34/17&46/23	WYE START DELTA RUN	120/80 STARTS/HOUR	F4	1.15/1.0	40

FULL LOAD EFF:	90,2&88,5	3/4 LOAD EFF:	91.7	1/2 LOAD EFF:	91	GTD, EFF	ELEC. TYPE
FULL LOAD PF:	91&91.5	3/4 LOAD PF:	89.5	1/2 LOAD PF:	84.5	88.5	SQ CAGE IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
22.5 LB-FT	232 / 116	34.5 LB-FT 153 %	65.5 LB-FT 291 %	35

	PRESSURE 3 FT.	SOUND	POWER	ROTO	DR WK^2	MA	X. WK^2	SAFE STALL TIME		STARTS / HOUR	APPROX. MOTOR WGT
75	dBA	85	dBA	0.6	LB-FT^2	18	LB-FT^2	15	SEC.	2	- LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY - GE

BEAR	RINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME	
DE	ODE	GREASE	SHAFT TTPE	SPECIAL DE	SPECIAL ODE	MATERIAL	MATERIAL	
BALL	BALL	POLYREX EM	- -	NONE	NONE			
6307	6206	POLIKEX EM	I	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL	

	THERMO-PROTE	CTORS		TUERMICTORC	CONTROL	SPACE HEATERS		
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs	THERMISTORS CONTROL SPACE HE				
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS		
*				INVERTER TORQUE: INV. HP SPEED RANG				
Ν				ENCODER: NONE				
0				NONE NONE NONE	PPR			
т				BRAKE: NONE	NONE			
-				NONE P/N NO	NE			
E				NONE NONE				
S				NONE FT-LB NO	ONE V	NONE HZ		

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