

# PRODUCT INFORMATION PACKET



Model No: LM21849  
Catalog No: LM21849  
OBSOLETE - 10,1200,TEFC,284UC,3/60/460  
Miscellaneous

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### Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	460 V
Current	13.1 A	Speed	1176 rpm
Service Factor	1	Phase	3
Efficiency	91 %	Power Factor	79
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Frame	284UC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	65 °C
Drive End Bearing Size	311	Opp Drive End Bearing Size	210
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

### Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.934 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	U	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS311145LN-1275	Connection Drawing	A-EE7300-LN

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1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.


3 of 4

EE7300-LN

A schematic diagram of a three-phase induction motor. The diagram shows a circular stator with three windings labeled T1, T2, and T3. The rotor is represented by a circle with a wavy line inside, indicating its internal structure. The entire motor is mounted on a base labeled D. Labels A, B, and C point to the stator, rotor, and base respectively.

VIEW OF TERMINAL END

L1	<u>WHITE</u>
L2	<u>RED</u>
L3	BLACK

				TOLERANCES UNLESS SPECIFIED			DRAWN BLR 08-13-1999			
				DEC.	INCHES		CHK ML 08-13-1999			
				.X	±.1		APPD GK 08-13-1999			
				.XX	±.02		SCALE 1=1			
2	ADDED OPTIONAL CORD CONNECTION PER MU47226	CTO 03-31-2004	PJB	.XXX	±.005	TITLE CONNECTION DIAGRAM SINGLE VOLT – 3Ø MOTOR	REF			
1	NEW DRAWING	CTO 08-13-1999		.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 EE7300_LN	SIZE A	DRAWING NO. EE7300-LN	PAGE OF	REV. 2
				DIST WP						