

PRODUCT INFORMATION PACKET



Model No: LM21850

Catalog No: LM21850

OBSOLETE - NO REPLACEMENT FOR Obsolete in the US, replaced by LM34335 - 20,3600,TEFC,286UC,3/60/460
Miscellaneous

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Nameplate Specifications

Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	460 V
Current	23.4 A	Speed	3537 rpm
Service Factor	1	Phase	3
Efficiency	92.4 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	286UC	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	2	Rotation	Reversible
Resistance Main	.394 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-1425	Connection Drawing	A-EE7300-LN

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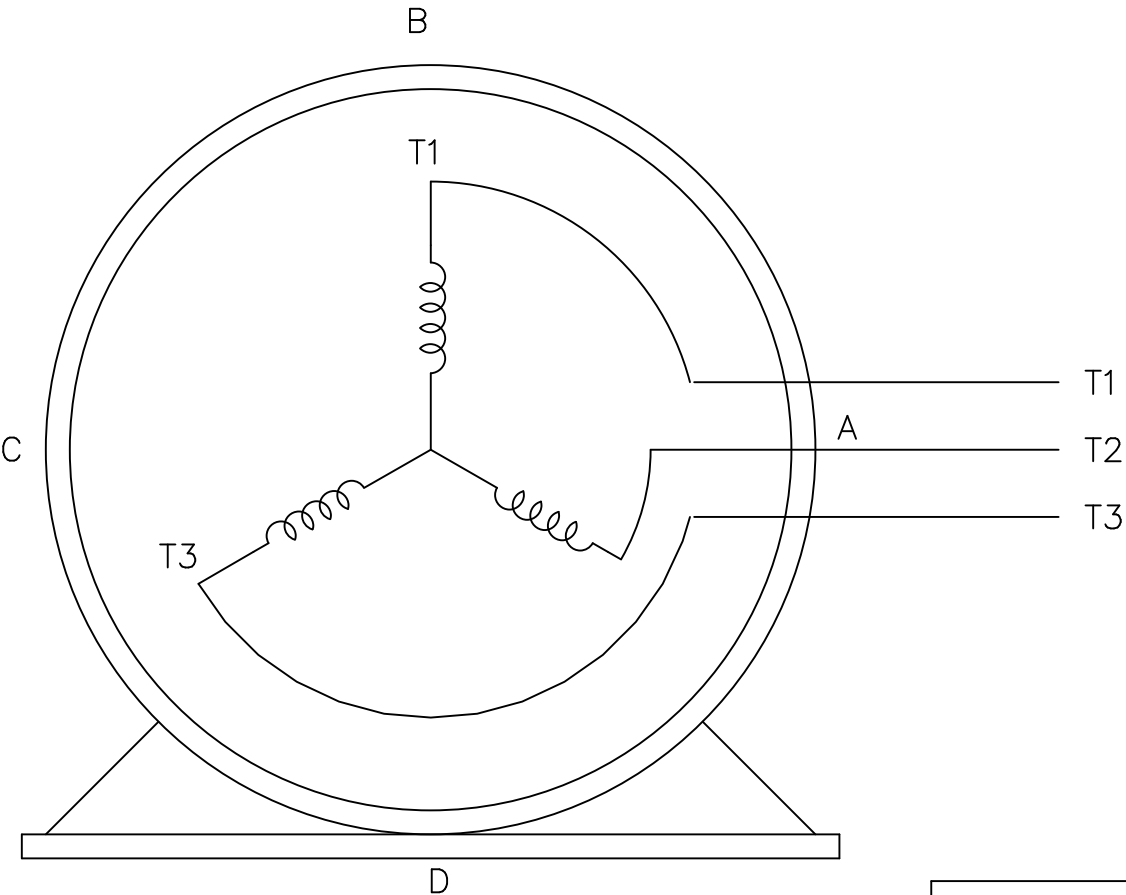
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

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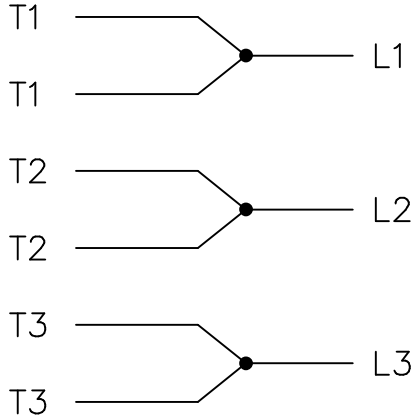
THREE PHASE – SINGLE VOLTAGE
MOTOR – CONDUIT BOX @ 'A'

EE7300-LN

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS




IF MOTOR HAS
6 LEADS



A-9806 DECAL

OPTIONAL CORD
CONNECTION

L1 WHITE
L2 RED
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		
1	NEW DRAWING	CTO 08-13-1999		.XXXX	±.0005	MAT'L.		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		
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
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