

PRODUCT INFORMATION PACKET

Model No: LM16387

Catalog No: LM16387

OBSOLETE REPLACED BY LM34215 - 5,1800,TEFC,184T,3/60/575

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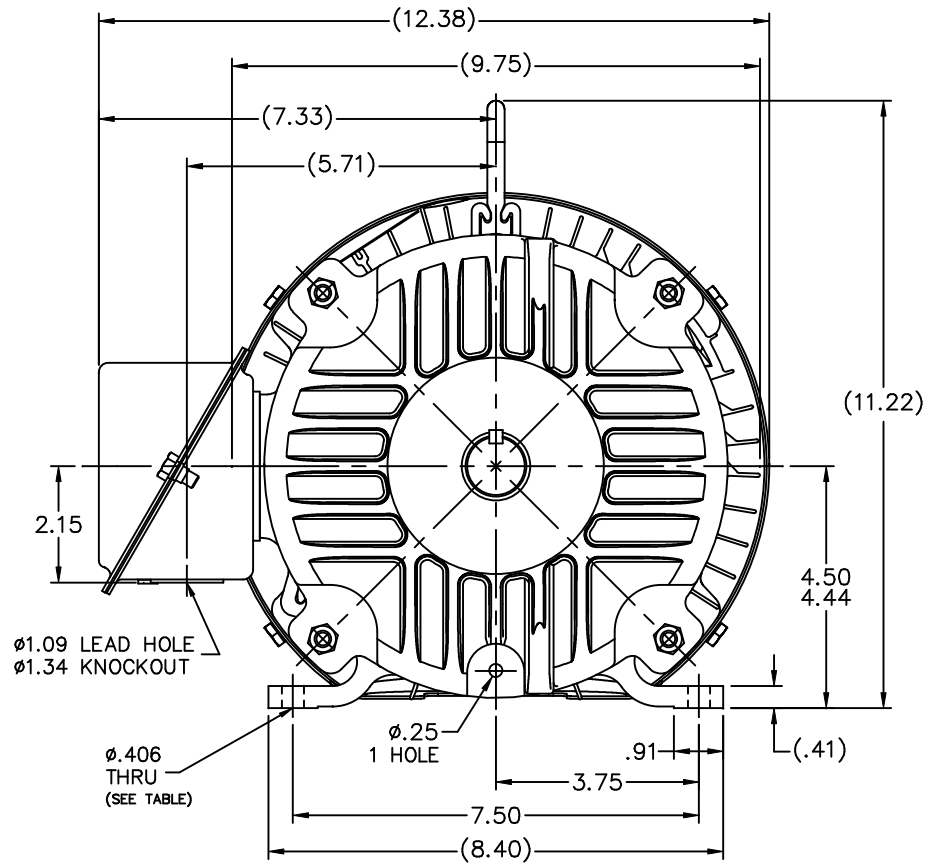
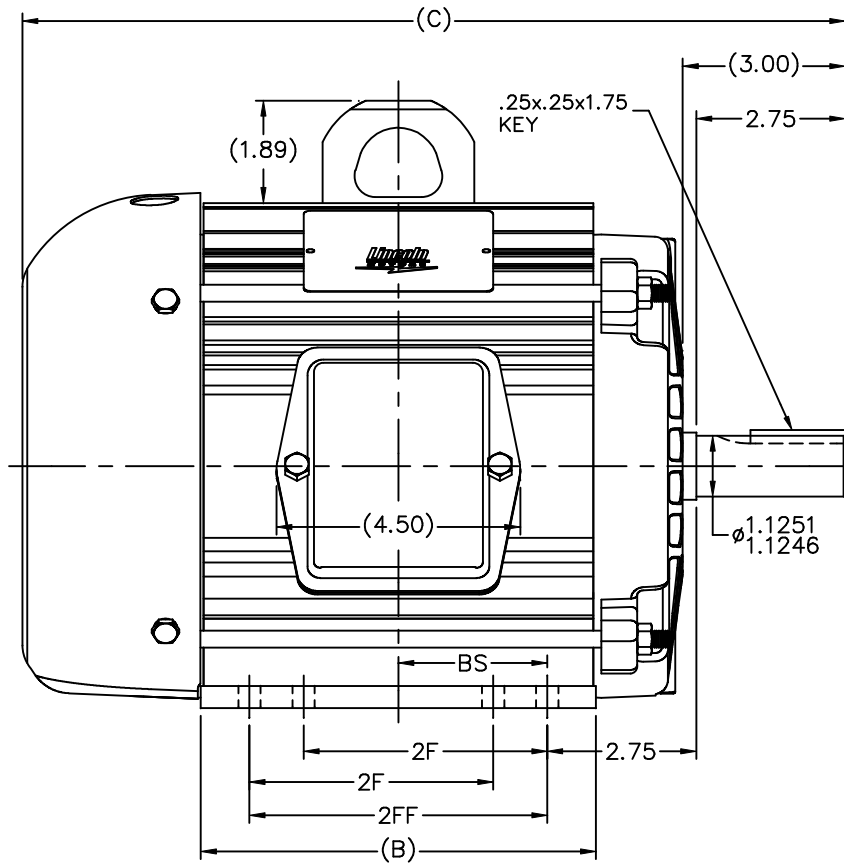
Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	575 V
Current	5.2 A	Speed	1745 rpm
Service Factor	1.25	Phase	3
Efficiency	87.5 %	Power Factor	82.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	207	Opp Drive End Bearing Size	205
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	4	Rotation	Reversible
Resistance Main	3.05 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS601006LN-720	Connection Drawing	A-EE7300-LN

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NOTES:

1. CONDUIT BOX BE ROTATED IN 90° STEPS.
2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FR.	C	BS	B	2FF	2F	FOOT HOLE	12	REVISED 'B' DIMENSION IN DASH TABLE ECN 14167	MSG 8/19/2009	BW	TOLERANCES UNLESS SPECIFIED		DRAWN BLR 01-13-2000			
								11	DE EXTN WAS 3.1 CHANGED TO 3.0	SVL 7/22/2009	ML	DEC. INCHES		CHK ML 01-18-2000			
								10	REVISED DASH TABLE INFORMATION CN 32829	DRS 09-10-2004	ML	.X ±.1		APPD GK 01-18-2000			
								9	REVISED -820, 2FF WAS 5.50 & 2F WAS BLANK	TAT 06-23-2004	ML	.XX ±.03		SCALE 7=16			
620	182T	14.19	2.25	6.30	4.50	---	4	8	RE-ISSUE CLARIFIED HOLES	TAT 01-30-2004	ML	.XXX ±.005	TITLE OUTLINE 180T FR. - TEFC	REF			
720	182/4T	15.19	2.75	7.30	5.50	4.50	8	7	CHANGED 2F TO 2FF	TAT 01-27-2004	ML	.XXXX ±.0005	MATL	FMF			
720	184T	15.19	2.75	7.30	5.50	---	4	NO.	REVISION	BY & DATE	CHK	ANG ±1/2"	FINISH	PREV			
820	184T	16.19	3.25	8.30	---	5.50	8	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 ss601006in	SIZE B	DRAWING NO. SS601006LN	PAGE OF 12	REV. 12



TITLE OUTLINE
180T FR. - TEFC

DRAWN BLR 01-13-2000

CHK ML 01-18-2000

APPD GK 01-18-2000

SCALE 7=16

REF

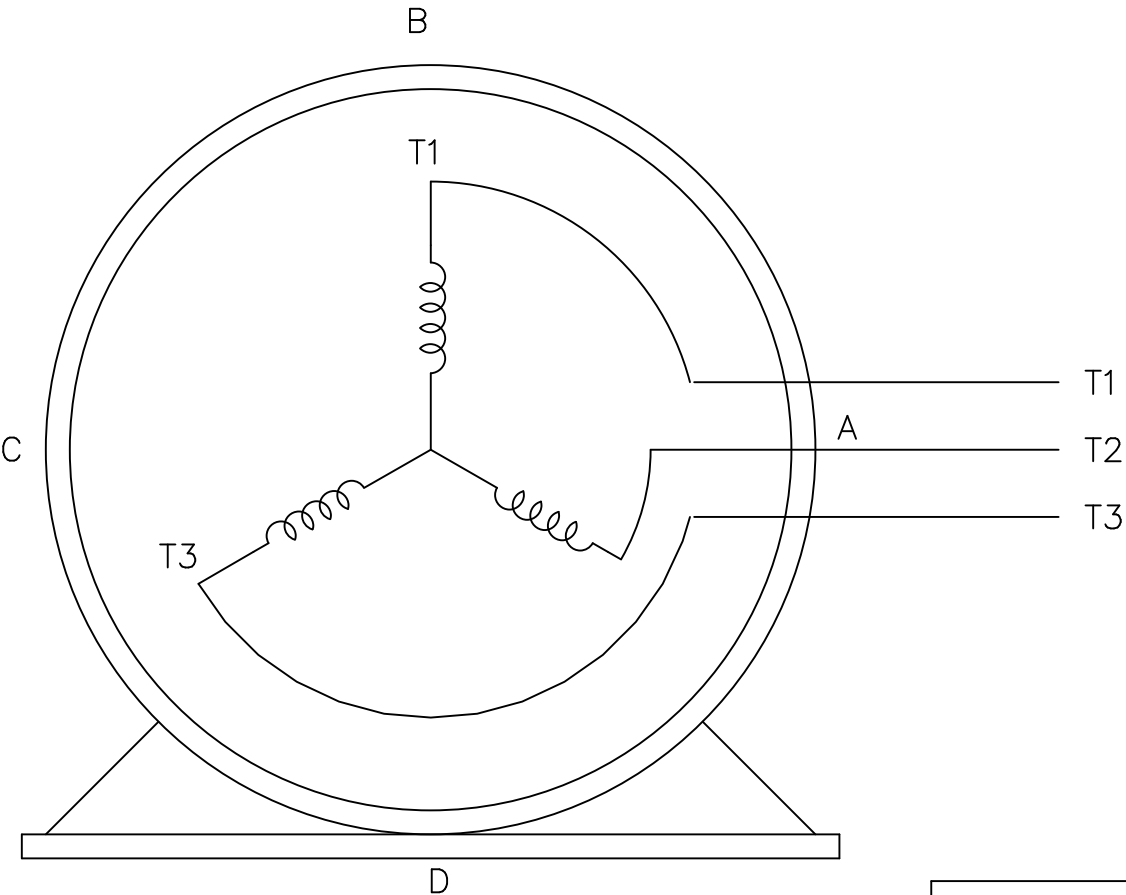
FMF

PREV

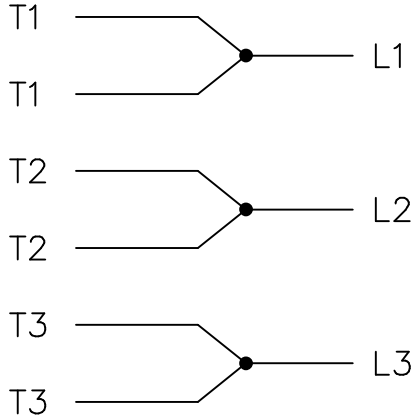
THREE PHASE – SINGLE VOLTAGE
MOTOR – CONDUIT BOX @ 'A'

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			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	DRAWING NO.	PAGE OF	REV.
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