

PRODUCT INFORMATION PACKET



Model No: LM34009
Catalog No: LM34009
..5HP..1800RPM.184T.TEFC.230/460V.3PH.60HZ.Cont.40C.1.25SF.....

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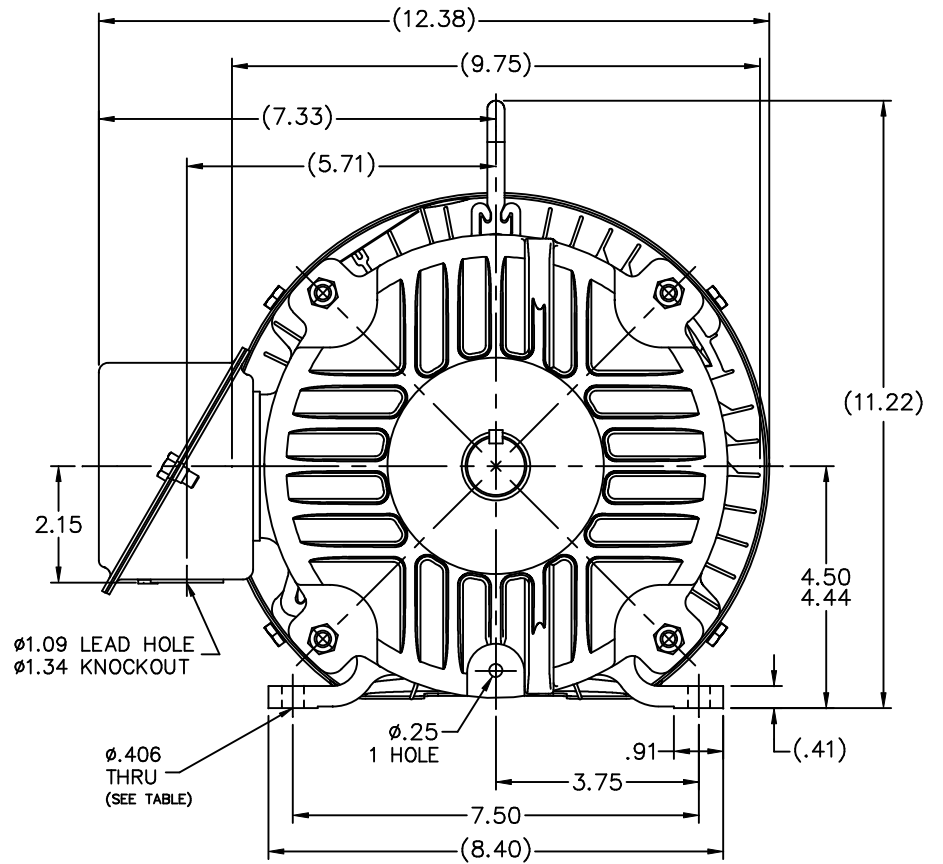
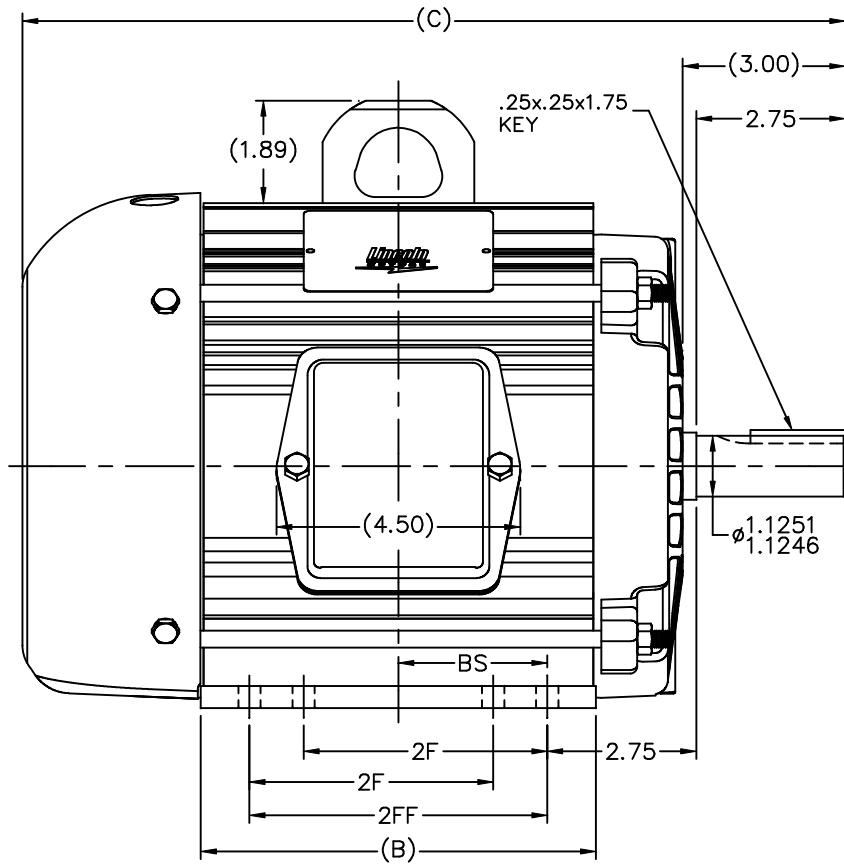
Nameplate Specifications

Phase	3	Output HP	5 & 5 Hp
Output KW	3.7 & 3.7 kW	Voltage	230/460 & 190-208/380-415 V
Speed	1755 & 1440 rpm	Service Factor	1.25 & 1.0
Frame	184TV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	90.2 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.4/6.2 & 15-14/7.5-7 A	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
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	2.62 Ohms	Mounting	Rigid Base
Motor Orientation	Shaft Up	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Assembly/Box Mounting	W8
Outline Drawing	B-SS601006LN-820	Connection Drawing	A-EE7308-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 ss601006ln	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

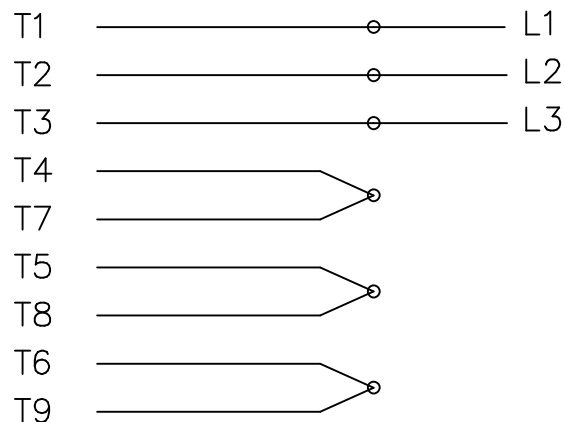
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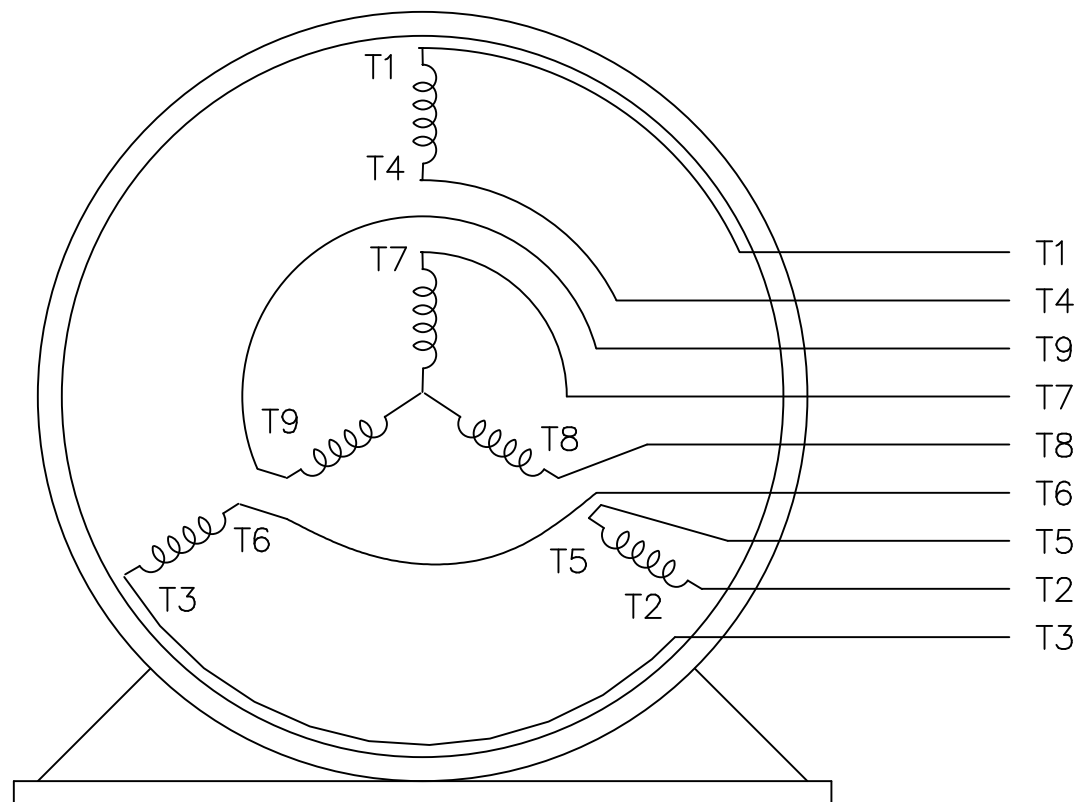
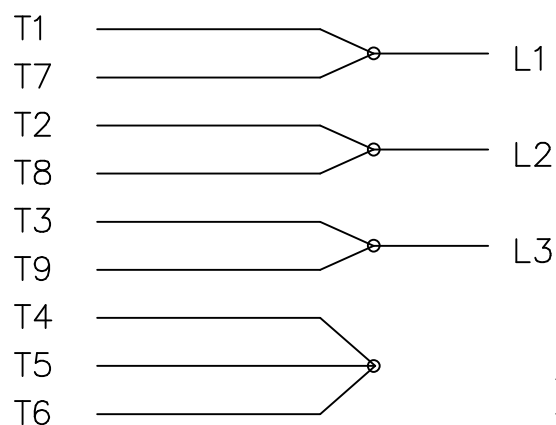
PREV

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

				TOLERANCES UNLESS SPECIFIED			DRAWN BLR 06/11/1999			
				DEC.	INCHES		CHK ML 06/18/1999			
				.X	±.1		APPD GK 06/18/1999			
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XX	±.02	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR	SCALE 1=1			
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK	.XXX	±.005		REF			
1	NEW DRAWING	BLR 06/18/1999	GK	.XXXX	±.0005	MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV			
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