

PRODUCT INFORMATION PACKET



Model No: LM23772

Catalog No: LM23772

OBSOLETE - REPLACED BY LM21834 - 1.5,1200,TENV,184U,3/60/460

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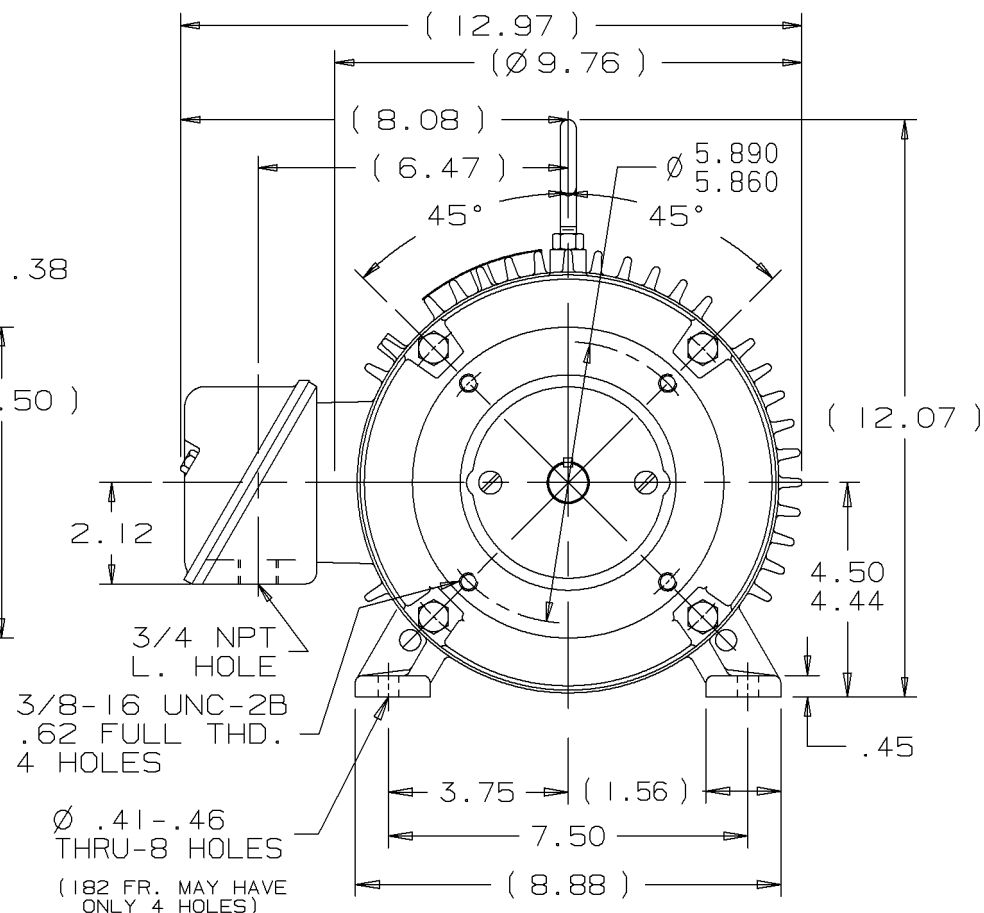
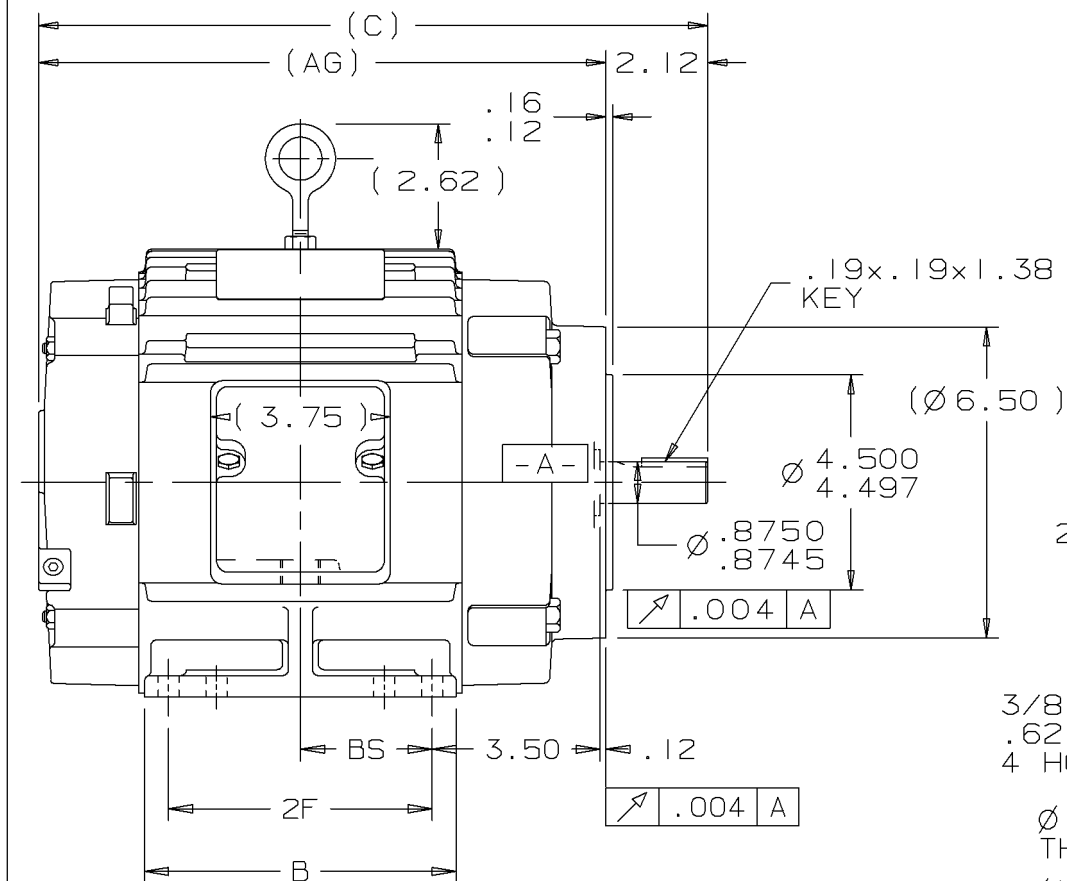
Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	460 V
Current	2.2 A	Speed	1175 rpm
Service Factor	1	Phase	3
Efficiency	86.5 %	Power Factor	71.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Frame	184UC	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Ambient Temperature	65 °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	6	Rotation	Reversible
Resistance Main	7.75 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
Connection Drawing	A-EE7300-LN	Outline Drawing	A-SS69028LN-675

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DASH	FR.	C	B	2F	BS	AG
575	182U	12.96	5.50	4.50	2.25	10.84
675	182U	13.96	6.50	5.50	2.75	11.84
675	184U	13.96	6.50	5.50	2.75	11.84

NOTES:

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

					✓ UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± .03 XXX± .005 XXXX± .0005 ANGLES± 7°30"			
2	01-11-2001	ADDED DUAL DRILLING NOTE CN 29200-1280	DRS		MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED		DRAWN BY DRS	09-19-2000
					FINISH		CHKD BY ML	09-19-2000
1	09-20-2000	NEW DRAWING MU33591	DRS		MATERIAL		APPD BY TB	09-20-2000
REV	DATE	CHANGE	NAME	PART NAME OUTLINE 180U FR. - TENV - C-FACE			DRWG NO A - SS69028LN	

L	PURCHASED
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CADD FILE NO.

SS69028LN


EE7300-LN

The diagram illustrates a three-phase induction motor. The stator (labeled B) is the outer circular part, containing three windings (T1, T2, T3) arranged 120 degrees apart. The rotor (labeled C) is the inner circular part, which is a squirrel-cage type. The air gap between the stator and rotor is labeled A. The motor is mounted on a base labeled D.

The diagram illustrates three parallel merge operations. Each operation consists of two input lines on the left and one output line on the right. The inputs are labeled T1, T2, and T3, and the outputs are labeled L1, L2, and L3. The lines for each operation are connected by a small black dot, representing a merge point.

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	DRAWING NO.	PAGE	OF	REV.
				DIST WP				A	EE7300-LN			

EC Declaration of Conformity

The undersigned representing
the manufacturer:

Regal Beloit America
100 East Randolph St.
Wausau, WI 54401

and the authorized representative
established within the Community:

Marathon Electric UK
6F Thistleton Road Ind. Estate
Market Overton
Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No : LM23772

(Model No. may contain prefix and/or suffix characters)

Catalog No : LM23772

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010)

EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:



Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:



Julian Clark
Marketing Engineer

Created on 09/01/2022

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