PRODUCT INFORMATION PACKET

Model No: LM24236
Catalog No: LM24236
50 Hz Motor, 5 HP, 3 Ph, 50 Hz, 220/380 V, 184T Frame, DP

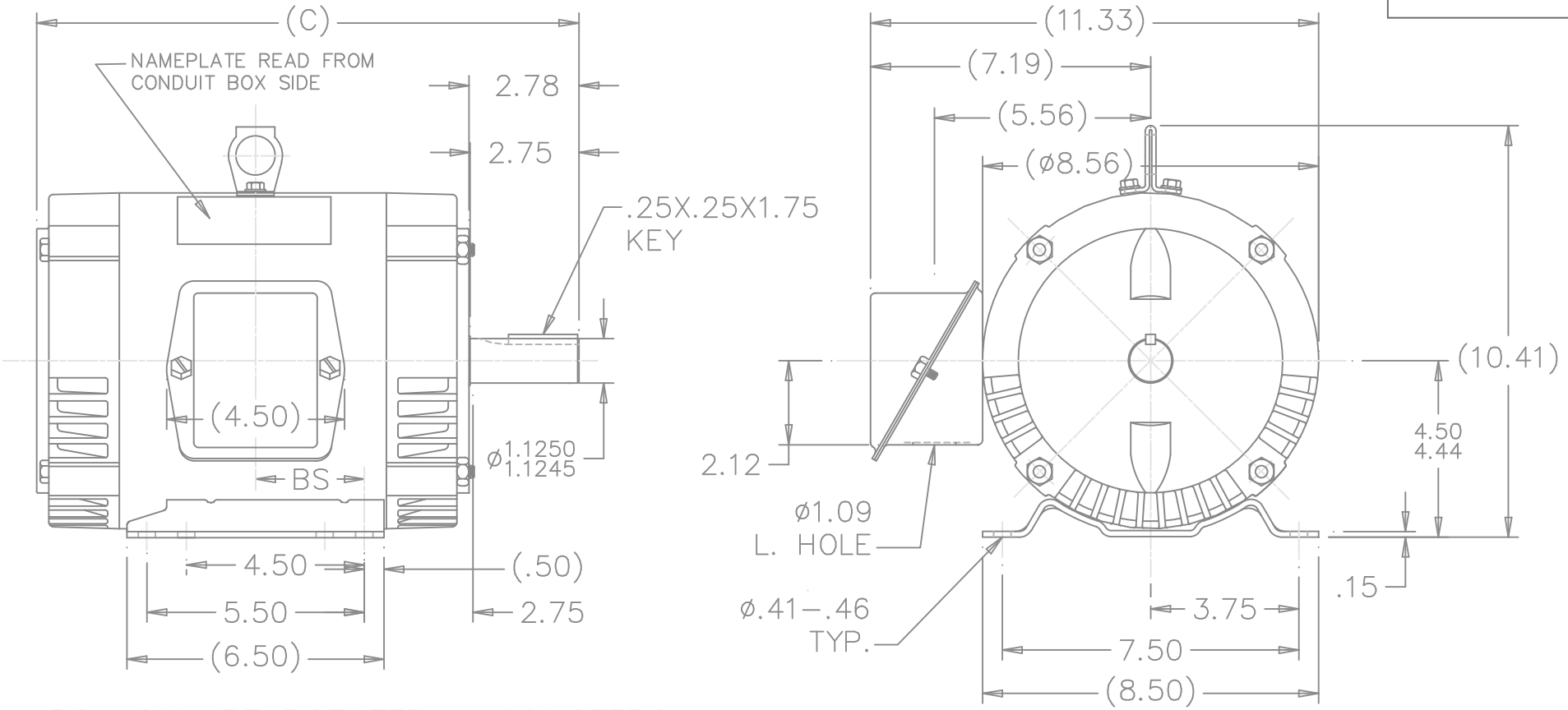
Nameplate Specifications

Phase	3	Output HP	5 Hp
Output KW	3.7 kW	Voltage	220/380 V
Speed	1450 rpm	Service Factor	1.15
Frame	184T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	50 Hz
Current	13.8/8.0 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	206	Opp Drive End Bearing Size	203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	2.1 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Assembly/Box Mounting	F1 ONLY
Outline Drawing	A-SS65625LN-825	Connection Drawing	A-EE7304-LN

SS65625LN



BOX CAN BE ROTATED IN 90° STEPS.

DASH	FR.	C	BS	MOUNTING	REMARKS	DASH	FR.	C	BS	MOUNTING	REMARKS
575	182T	12.72	2.25	F1 OR F2		675	184T	13.72	2.75	F1 OR F2	
675	182T	13.72	2.75	F1 ONLY		725	184T	14.22	3.00	F1 ONLY	
725	182T	14.22	3.00	F1 ONLY		775	184T	14.72	3.25	F1 ONLY	
775	182T	14.72	3.25	F1 ONLY		825	184T	15.22	3.50	F1 ONLY	
						875	184T	15.72	3.75	F1 ONLY	

NO.	REVISION	BY & DATE	CHK
2	ADDED LIFT LUG CN 29100–2841	BJK 07–11–2002	ML
1	NEW DRAWING	TRB 07–20–1999	

12–19–95

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

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TITLE OUTLINE
180T FR. – BB – TS –DR. PR.

MAT'L.

FINISH

CAD FILE SS65625LN

RFP

DIST

DRAWN	TRB 07–15–1999
CHK	ML 07–20–1999
APPD	GK 07–20–1999
SCALE	1=4
REF	
FMF	
PREV	

SIZE	DRAWING NO.	PAGE	OF	REV.
A	SS65625LN			2

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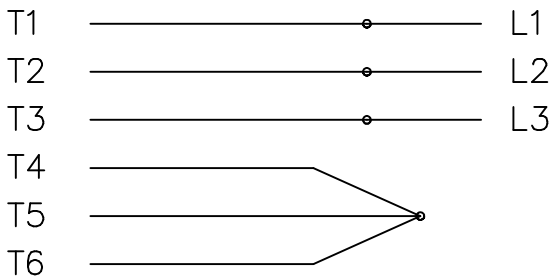
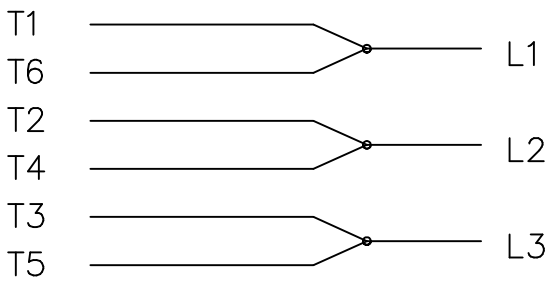
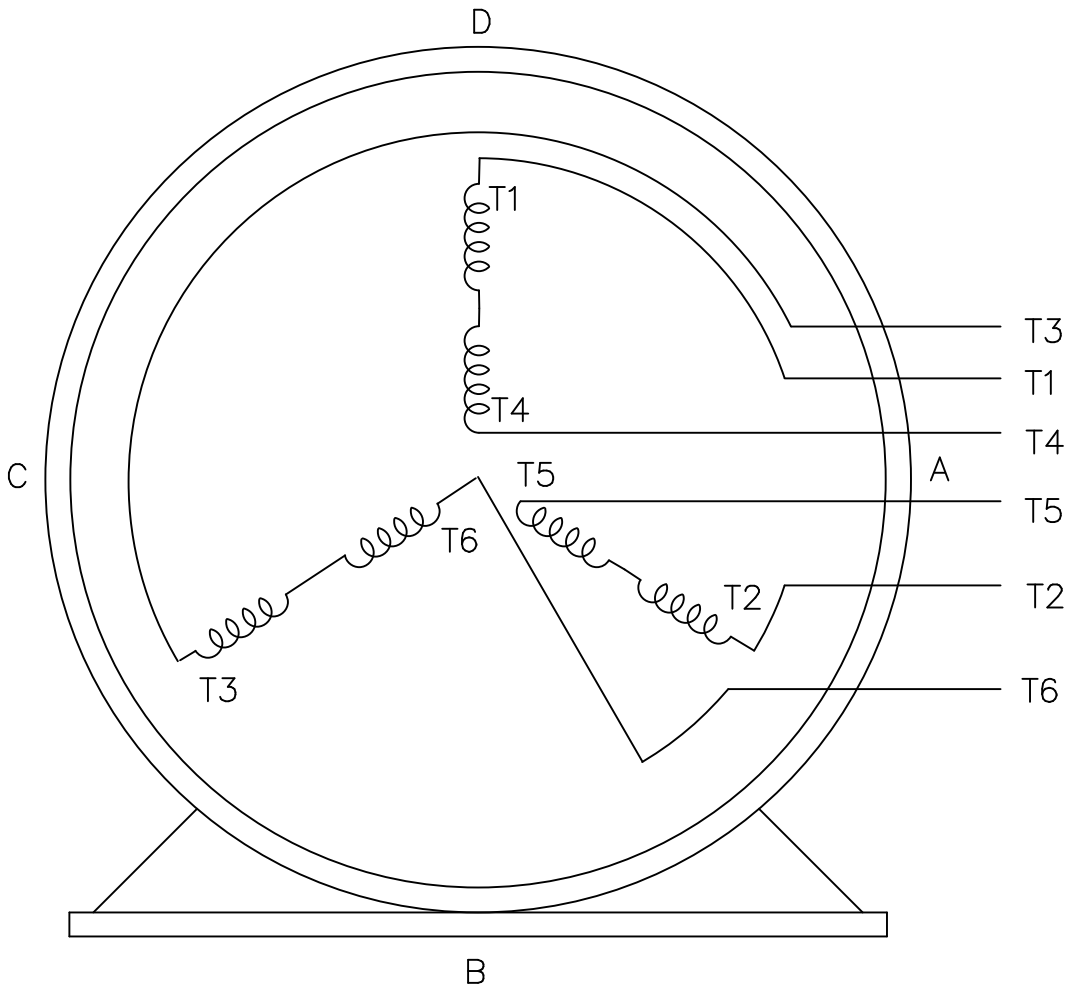
THREE PHASE – DUAL VOLTAGE

HIGH VOLTAGE "Y" CONNECTION



LOW VOLTAGE – DELTA





VIEW OF TERMINAL END

NO.	REVISION	BY & DATE	CHK
2	REDRAWN & REVISED BORDER MU46741	KL 06-04-2003	
1	NEW DRAWING	CAV 09-10-1999	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	± –
.XX	± –
.XXX	± –
.XXXX	± –
ANG	± –

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TITLE CONNECTION DIAGRAM – 3ø DUAL VOLTAGE

RFP

CAD FILE ee7304-ln

DIST WA-LB-SB

DRAWN	CAV 09-10-1999
CHK	ML 09-10-1999
APPD	GK 09-10-1999
SCALE	1=1
REF	
FMF	
PREV	

SIZE	DRAWING NO.	PAGE	OF	REV.
A	EE7304-LN			2

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 : LM24236

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

Catalog No : LM24236

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

CE 22