PRODUCT INFORMATION PACKET

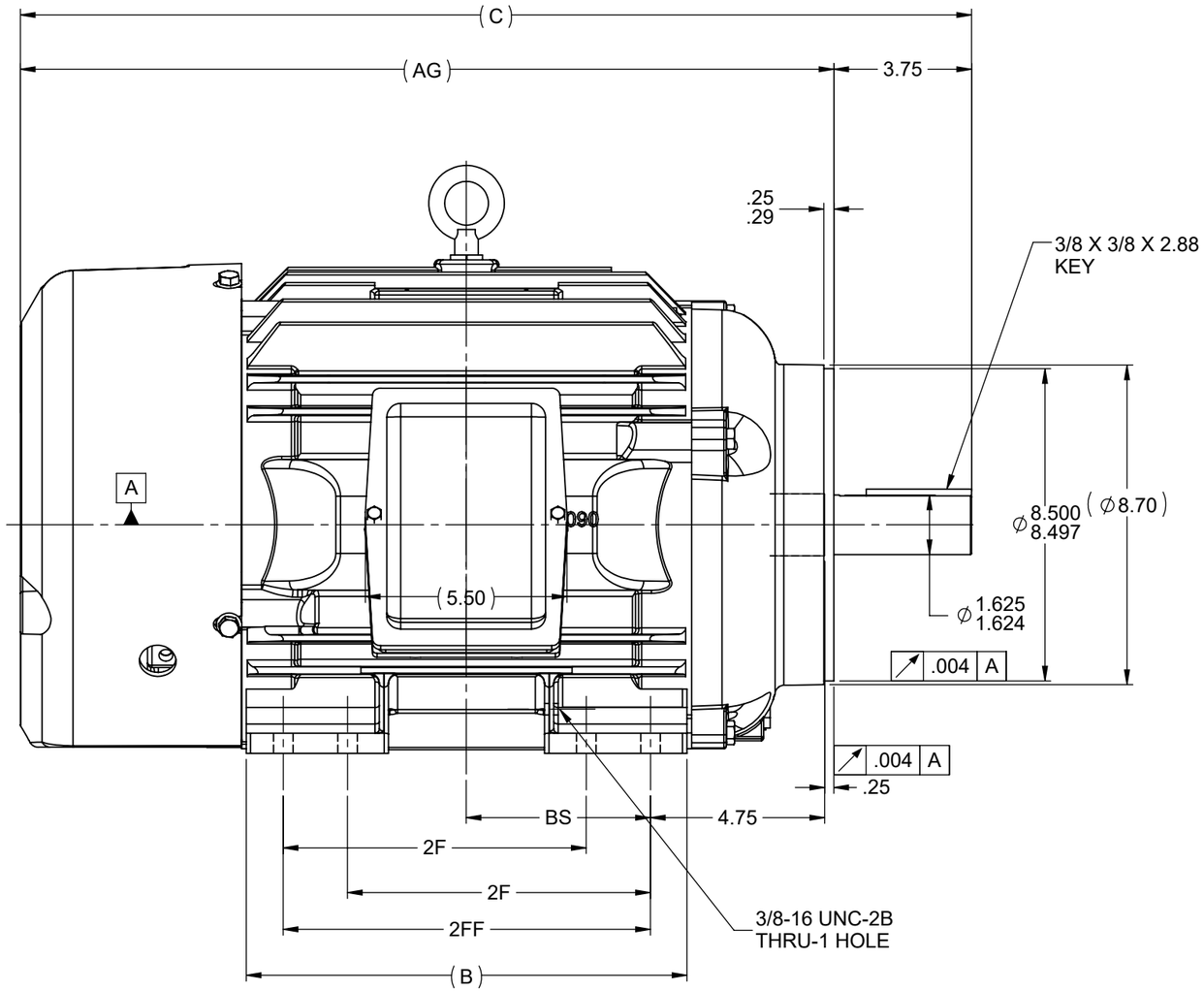
Model No: LM33479
Catalog No: LM33479
..20HP..3600RPM.256TC.TEFC.460V.3PH.60HZ.Cont Duty.40C.1.15SF.....

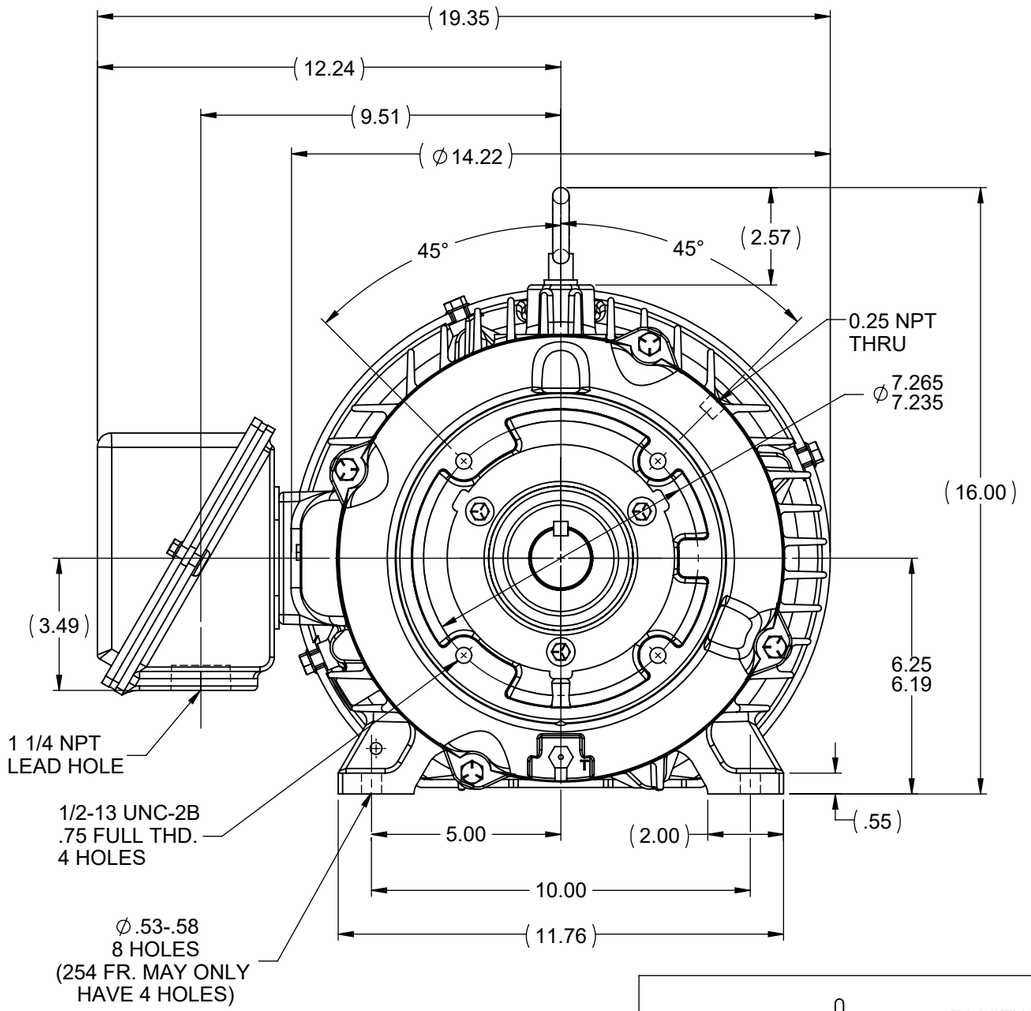
Nameplate Specifications

Output HP	20 Hp	Output KW	14.9 kW
Frequency	60 Hz	Voltage	460 V
Current	23.4 A	Speed	3537 rpm
Service Factor	1.15	Phase	3
Efficiency	92.4 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	256TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

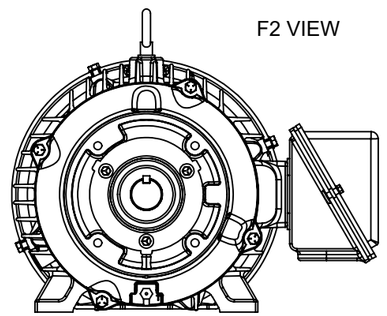
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
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	T	Shaft Diameter	1.625 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1
Connection Drawing	A-EE7300-LN	Outline Drawing	B-SS208304LN-1225





F2 VIEW



1050	254T	24.15	10.25	20.40	4.12	-	8.25
1225	256T	25.90	12.00	22.15	5.00	8.25	10.00
DASH	FRAME	C	B	AG	BS	2F	2FF

NO	REVISION	BY & DATE	CHK
C	UPDATED DRAWING AS PER STD	NIV&09/02/2021	

THIRD ANGLE PROJECTION

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

Lincoln MOTORS

TITLE OUTLINE - TEFC - CAST C'BOX
254-6TC FR. - BB - TS - C'FACE - TFNA

MAT'L

FINISH

RFP

PREV

NETWORK FILE NAME SS208304LN

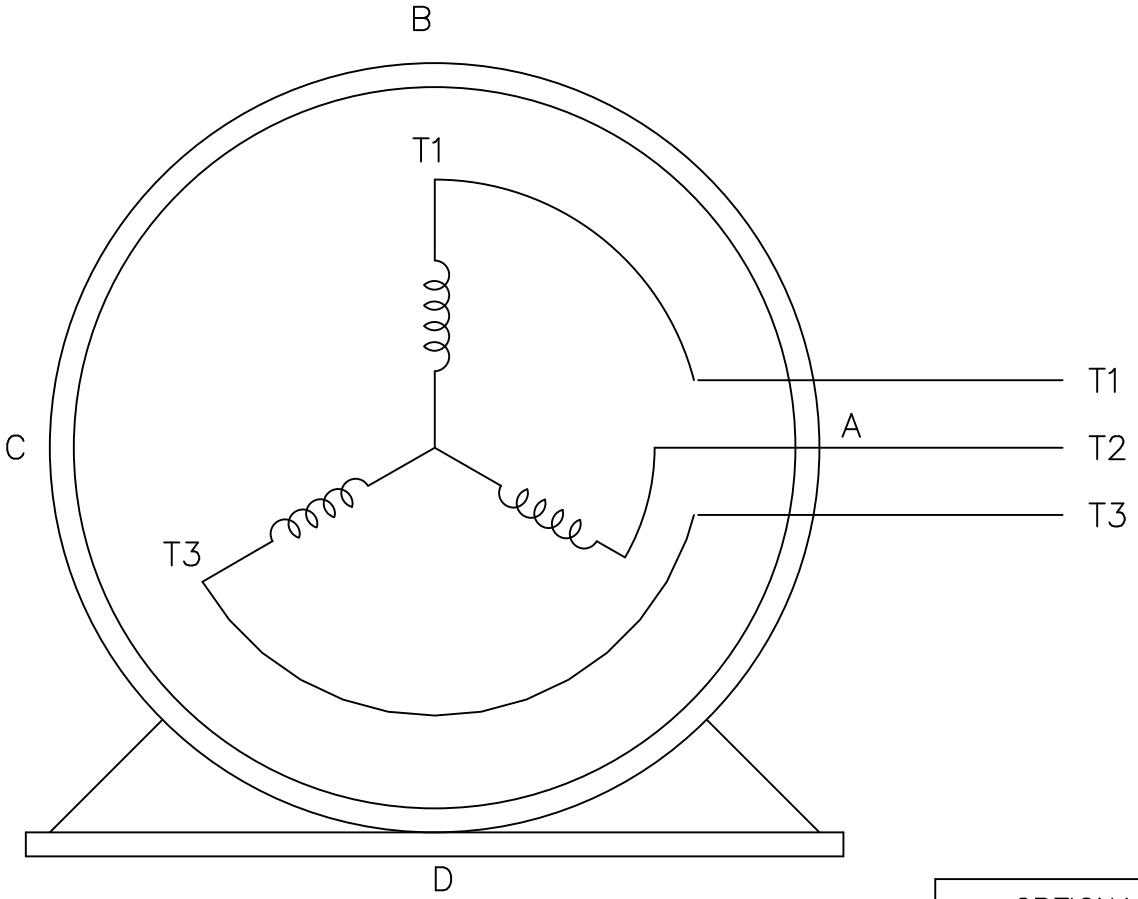
DRAWN	DR0 06-01-2012
CHK	EMH
APPR	
SCALE	1:4
REF	SS203152LN
FMF	ISAAC 12-2359
PAGE	OF

SIZE	DRAWING NO	REV
B	SS208304LN	

EE7300-LN

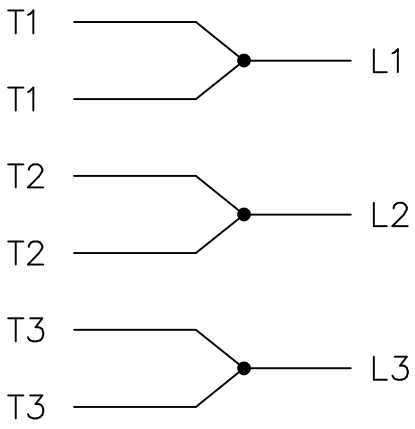
THREE PHASE – SINGLE VOLTAGE
MOTOR – CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS



VIEW OF TERMINAL END

IF MOTOR HAS
6 LEADS



A–9806 DECAL

OPTIONAL CORD CONNECTION

L1	WHITE
L2	RED
L3	BLACK

NO.	REVISION	BY & DATE	CHK
2	ADDED OPTIONAL CORD CONNECTION PER MU47226	CTO 03-31-2004	PJB
1	NEW DRAWING	CTO 08-13-1999	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Lincoln MOTORS

TITLE CONNECTION DIAGRAM
SINGLE VOLT – 3ø MOTOR

MAT'L.

FINISH

CAD FILE EE7300_LN

RFP

DIST WP

DRAWN	BLR 08-13-1999
CHK	ML 08-13-1999
APPD	GK 08-13-1999
SCALE	1=1
REF	
FMF	
PREV	

SIZE A | DRAWING NO. EE7300-LN | PAGE OF | REV. 2

7/19/2007 9:06:19 AM -

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 : LM33479

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

Catalog No : LM33479

Rework No : N/A

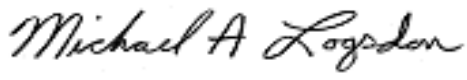
Directives :

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