

PRODUCT INFORMATION PACKET

Model No: LM19765
Catalog No: LM19765
125,1800,TEFC,444T,3/60/460 YD

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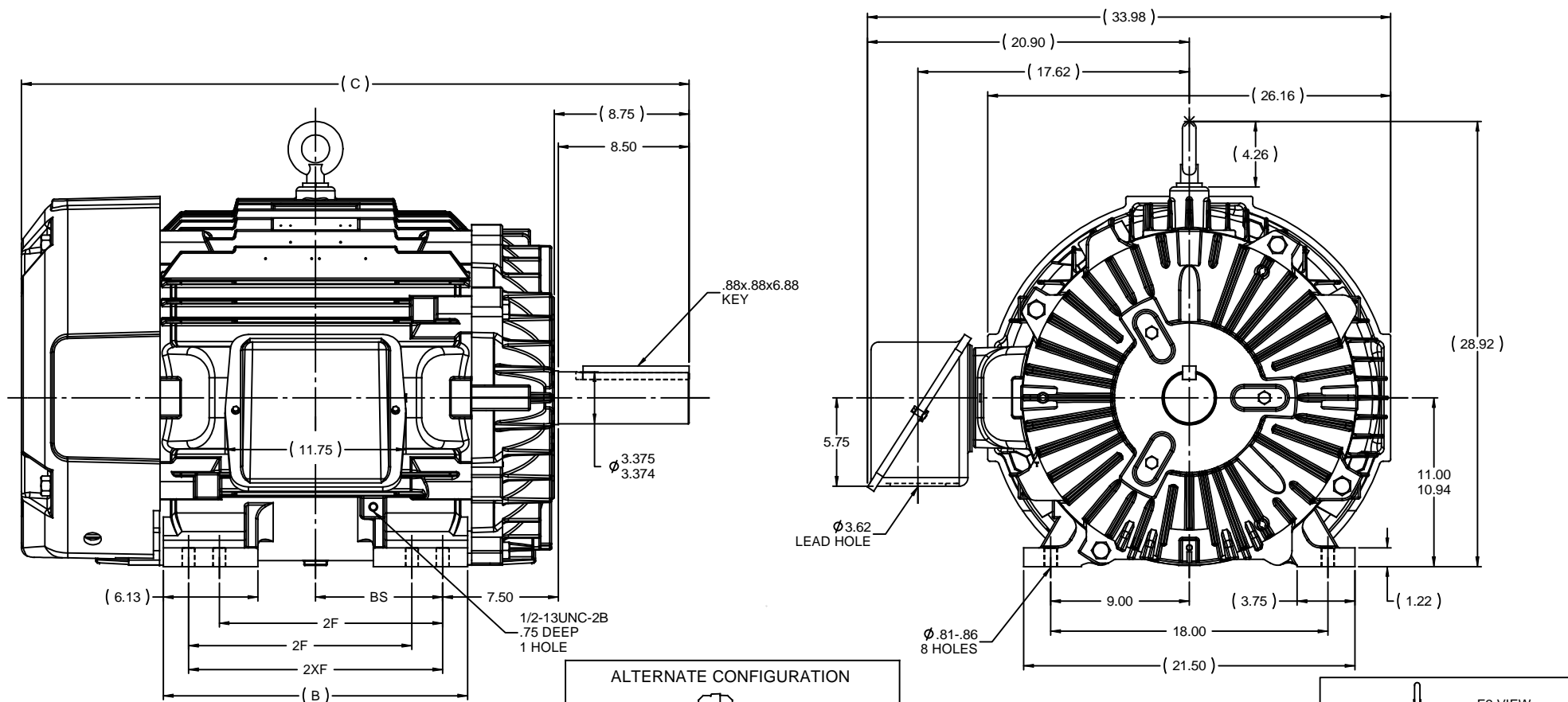
Nameplate Specifications

| | | | |
|------------------------|---------------|----------------------------|-----------------------------|
| Output HP | 125 Hp | Output KW | 93.0 kW |
| Frequency | 60 Hz | Voltage | 460 V |
| Current | 143.0 A | Speed | 1785 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 95.4 % | Power Factor | 86 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | G |
| Frame | 444T | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6318 | Opp Drive End Bearing Size | 6316 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 43 |
| Number of Speeds | 1 | | |

Technical Specifications

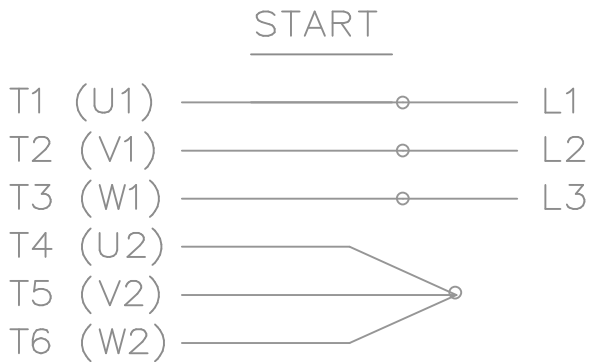
| | | | |
|-----------------------|-----------------------------|--------------------|---------------------|
| Electrical Type | Squirrel Cage Induction Run | Starting Method | Wye Start Delta Run |
| Poles | 4 | Rotation | Reversible |
| Resistance Main | .032 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Cast Iron |
| Shaft Type | T | Shaft Diameter | 3.375 in |
| Assembly/Box Mounting | F1/F2 CAPABLE | | |
| Outline Drawing | B-SS513898LN-1825 | Connection Drawing | A-EE7340-LN |

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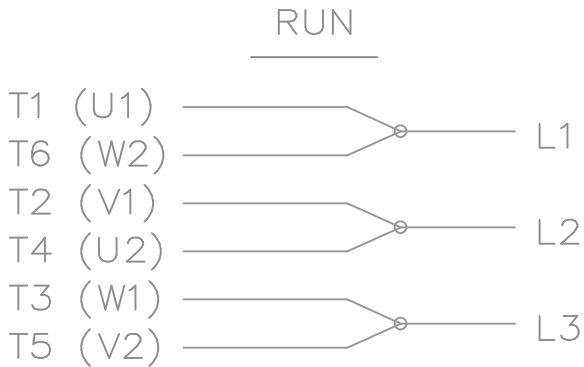
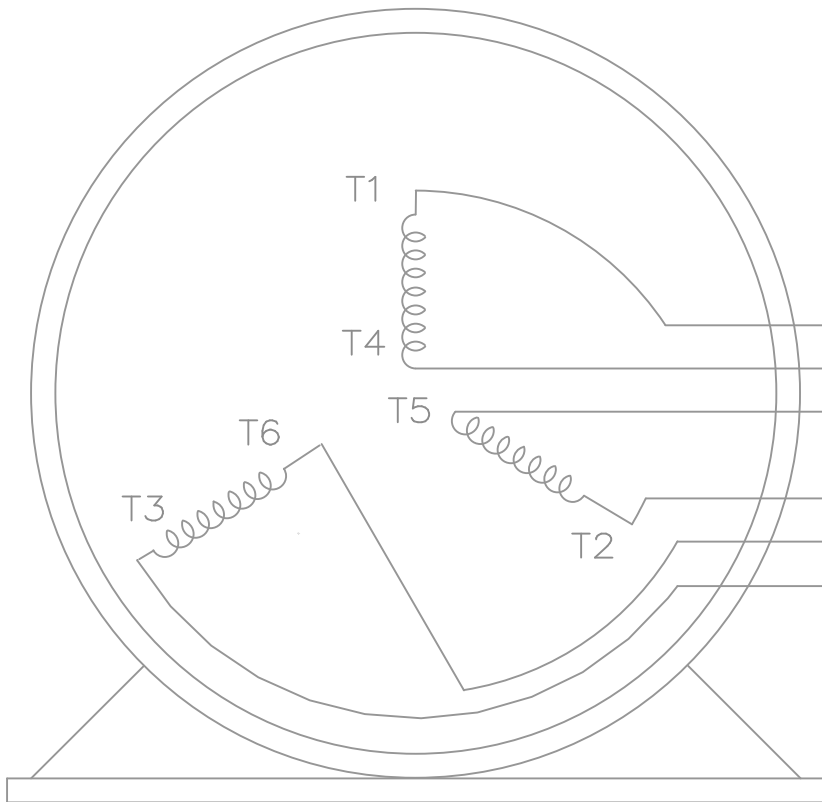


- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
 3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

| | | | | TOLERANCES UNLESS SPECIFIED | | Lincoln Motors | DRAWN KL 02-05-2001 | |
|----|---|--|--|--------------------------------|------------------------------|-------------------|---------------------|----------------------|
| | | | | DEC | INCHES | | CHK DJK 02-05-2001 | |
| 3 | UPDATED FRAME, ADDED ALTERNATE CONFIGURATION. | | | X | ±.1 | | APPR DJK 02-05-2001 | |
| | ADDED 2XF COLUMN TO TABLE PER ISAAC 09-5049 | | | JJB | 1/5/2010 | XX | ±.03 | TITLE OUTLINE - TEFC |
| 2 | CHG. FAN GUARD & CHG. C-DIM. PER CN39335 | | | RWR | 01-22-2007 | ML | XXX | 444-445T FR. - STD |
| 1 | NEW DRAWING MU35793 | | | KL | 02-05-2001 | XXX | ±.0005 | MATL |
| NO | REVISION | | | BY & DATE | CHK | ANG | ±7'30" | FINISH |
| | THIRD ANGLE PROJECTION | | | | RFP | | | PREV |
| | | | | | NETWORK FILE NAME SS513898LN | | | SIZE B |
| | | | | | | | | DRAWING NO |
| | | | | | | | | PAGE OF |
| | | | | | | | | REV 3 |



THREE PHASE — Y START
 Δ RUN MOTOR




T1 (U1)
 T4 (U2)
 T5 (V2)
 T2 (V1)
 T6 (W2)
 T3 (W1)

T6CK
 T6BM
 T4CC
 T2DL
 T4C

NOTE:
 IEC LEAD MARKINGS ARE NOTED
 IN PARENTHESES

VIEW OF TERMINAL END

| | | | | | | | | | | |
|--|---------------------------------------|----------------|---------------|--------------------------------|--------------------|---|----------------------|-----------|--------------------------|-----------------|
| | | | | TOLERANCES UNLESS SPECIFIED | |  | DRAWN BLR 10-04-1999 | | | |
| | | | | DEC. | INCHES | | CHK DRS 10-04-1999 | | | |
| | | | | .X | ±.1 | | APPD TB 10-04-1999 | | | |
| 3 | REVISED TO MATCH M.E. ORIGINAL | TAT 07-25-2005 | ML | .XX | ±.02 | TITLE CONNECTION DIAGRAM 3ø – WYE START DELTA RUN | | | SCALE 1=1 | |
| 2 | REVISED DRAWING MISTAKE CN 29200-2980 | ERH 05-15-2003 | ML | .XXX | ±.005 | | | | REF | |
| 1 | NEW DRAWING | BLR 10-09-1999 | | .XXXX | ±.0005 | MAT'L. | | | FMF | |
| NO. | REVISION | BY & DATE | CHK | ANG | ±'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 ee7340_In | | | SIZE A | DRAWING NO. EE7340-LN | PAGE OF 3 |
| | | | DIST WA-LB-SB | | | | | | | |

EC Declaration of Conformity

The undersigned representing
the manufacturer:

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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 : LM19765

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

Catalog No : LM19765

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