PRODUCT INFORMATION PACKET

Model No: LM23801
Catalog No: LM23801
OBSOLETE - REPLACED BY LM21848 - 15,1800,TEFC,284UC,3/60/460

LEESON

Nameplate Specifications

Phase	3	Output HP	15 Hp
Output KW	11.19 kW	Voltage	460 V
Speed	1770 rpm	Service Factor	1
Frame	284UC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91 %
Ambient Temperature	65 °C	Frequency	60 Hz
Current	18.0 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	E
Drive End Bearing Size	311	Opp Drive End Bearing Size	210
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	.629 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
Outline Drawing	B-SS311145LN-1275	Connection Drawing	A-EE7300-LN

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(C)

(AG)

4.62

.38x.38x
3.75 KEY

-A-

(5.50)

(Ø 10.70)

Ø 10.500
10.495

Ø 1.625
1.624

⌖ .004 A

BS

.25

2XF

2F

4.75

GROUNDING
SCREW HOLE

(B)

⌖ .004 A

(19.15)

(Ø 14.27)

(12.00)

(9.50)

45°   45°

Ø 9.015
8.985

(14.82)

(3.50)

7.00
6.94

1.5" NPT
LEAD HOLE

1/2-13UNC-2B
.75 FULL THD.
4 HOLES

5.50   (2.05)

(.63)

11.00

(13.03)

Ø.53-.58
8 HOLES
(286/4 FR. MAY HAVE
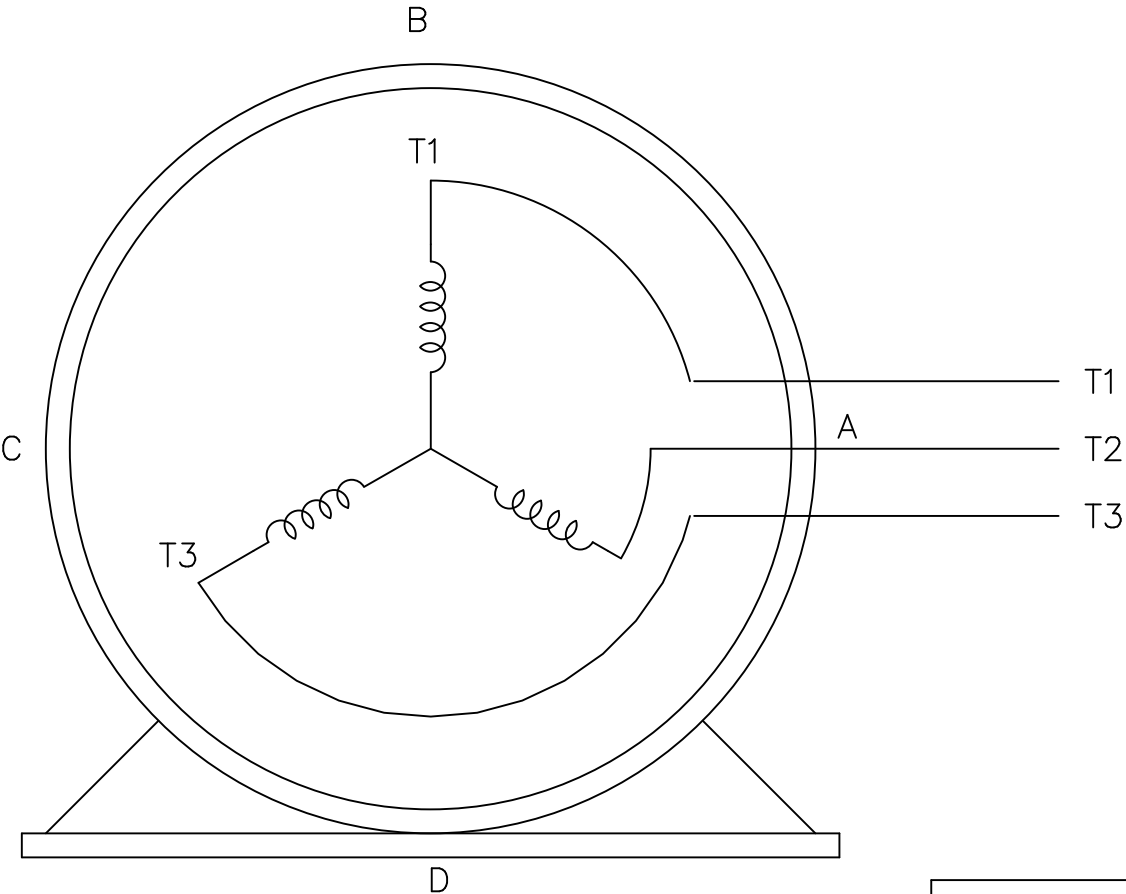ONLY 4 HOLES)

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°.
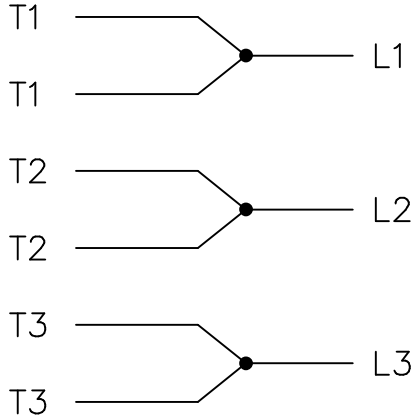 3. NAMEPLATE TO BE READ FROM CONDUIT BOX
    SIDE OF MOTOR.

(B-SS311055)

DASH	FRAME	B	C	AG	2F	2XF	BS
1275	284UC	11.50	26.52	21.90	9.50		4.75
1425	286UC	13.00	28.02	23.40	11.00	9.50	5.50

	TOLERANCES UNLESS SPECIFIED						
		DEC.	TOLERANCE		DRAWN DAH 08-06-2001		
		.X	±.1		CHK ML 08-06-2001		
					APPD BW 08-06-2001		
3	REVISED 2XF DIM. LOCATION CN 27451	MSG	01-23-2002	ML	.XX ±.03	TITLE OUTLINE	SCALE .23 = 1
2	REVISED FOOT MOUTING HOLE NOTE. CN 27451	NJS	01-10-2002	ML	.XXX ±.005	280UC FR. - C'FACE - 11.00 LAM - TFPA	REF
1	NEW DRAWING MU38464	DAH	08-06-2001	ML	.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 USE EXCEPT IN CONNECTION WITH OUR WORK. ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED. THIS IS AND ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				PURCHASED	CAD FILE SS311145LN	SIZE DRAWING NO. REV.
					DIST WA - LB - WP - LM - BR - BY		B SS311145LN 3

Lincoln MOTORS

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

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

B

T1

C

A — T1
T2
T3

T3

D

VIEW OF TERMINAL END

**IF MOTOR HAS
6 LEADS**

T1
T1 ——— L1

T2
T2 ——— L2

T3
T3 ——— L3

A-9806 DECAL

OPTIONAL CORD
CONNECTION

L1   WHITE
L2   RED
L3   BLACK

NO.	REVISION	BY & DATE			TOLERANCES UNLESS SPECIFIED					
				DEC.	INCHES			DRAWN BLR 08-13-1999		
								CHK ML 08-13-1999		
				.X	±.1			APPD GK 08-13-1999		
				.XX	±.02	TITLE CONNECTION DIAGRAM SINGLE VOLT – 3ø MOTOR		SCALE 1=1		
2	ADDED OPTIONAL CORD CONNECTION PER MU47226	CTO 03-31-2004	PJB	.XXX	±.005			REF		
1	NEW DRAWING	CTO 08-13-1999		.XXXX	±.0005	MAT'L.		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		PREV		

Lincoln MOTORS

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RFP
DIST   WP

CAD FILE   EE7300_LN

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

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Regal Rexnord

Regal Beloit America, Inc.   Wausau, Wisconsin 54401   www.regalbeloit.com

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 : LM23801

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

Catalog No : LM23801

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

Michael A. Logsdon
Vice President, Technology

Authorized Representative in the Community:

J. Clark

Julian Clark
Marketing Engineer

Created on 09/01/2022

CE **22**