

PRODUCT INFORMATION PACKET



Model No: LM31833
Catalog No: LM31833
15HP..900RPM.286T.TEAO.230/460V.3PH.60HZ.....

Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2025 Regal Rexnord Corporation, All Rights Reserved. MC017097E





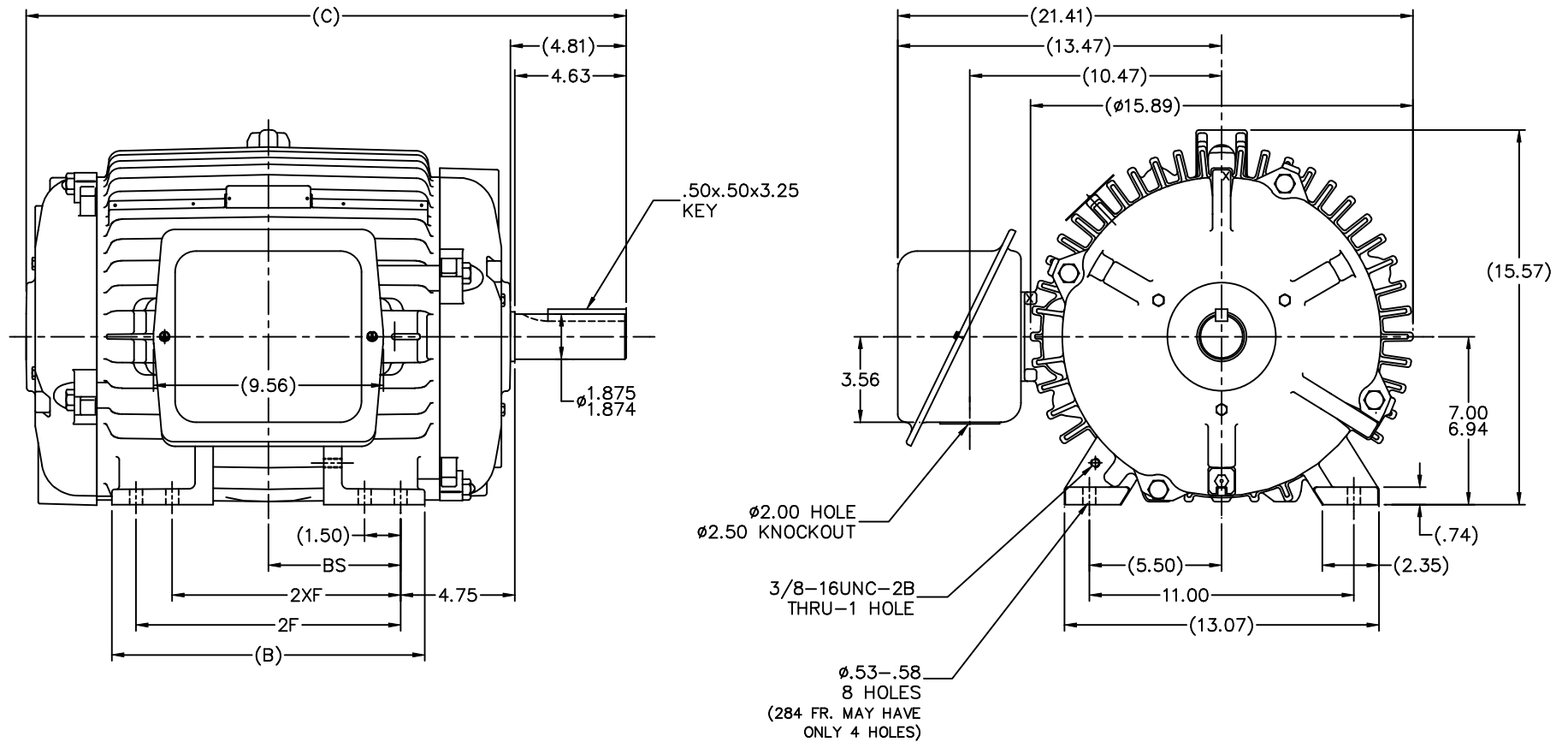
Nameplate Specifications

Phase	3	Output HP	15 Hp
Output KW	11.2 kW	Voltage	230/460 V
Speed	875 r/min	Service Factor	1.15
Frame	286T	Enclosure	Totally Enclosed Air Over
Thermal Protection	No Protection	Efficiency	88.5 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	46.0/23.0 A	Power Factor	69
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Drive End Bearing Size	311	Opp Drive End Bearing Size	210
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Resistance Main	.515 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Shaft Diameter	1.875 in
Assembly/Box Mounting	F2/F1 CAPABLE		
Outline Drawing	B-SS311162LN-1425	Connection Drawing	A-EE7308-LN

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:04/08/2025



NOTES:

1. BOX CAN BE ROTATED IN 90° STEPS.
2. 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.

DASH	FRAME	B	C	2F	2XF	BS
1275	284T	12.50	23.44	9.50	--	4.75
1425	284/6T	13.00	24.94	11.00	9.50	5.50

TOLERANCES UNLESS SPECIFIED				Lincoln MOTOR		DRAWN CAV 11-19-2003	
DEC.	INCHES					CHK	ML 11-20-2003
.X	±.1					APPD	CAV 11-23-2003
.XX	±.03					SCALE	5-22
.XXX	±.005					REF	
.XXXX	±.0005					FMF	MU48958
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV	
2	ADDED NOTES PER MU83645	RWR 01-08-2008	ML	.XXXX	±.0005		
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	11-23-2003	CAD FILE	ss311162ln
				DIST	LB	SIZE	B
				DRAWING NO.		PAGE 1 OF 1	REV.
				SS311162LN		2	

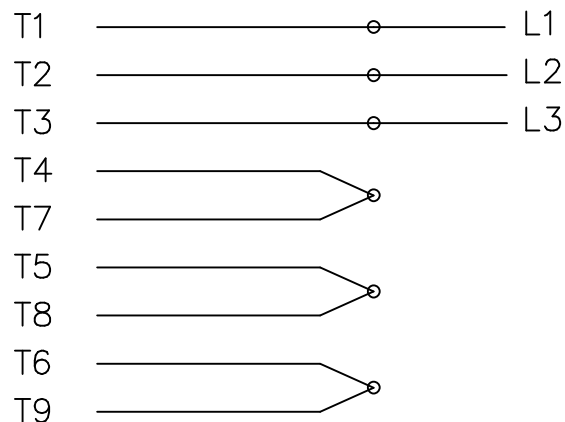
ERROR: undefined
OFFENDING COMMAND: pu

STACK:

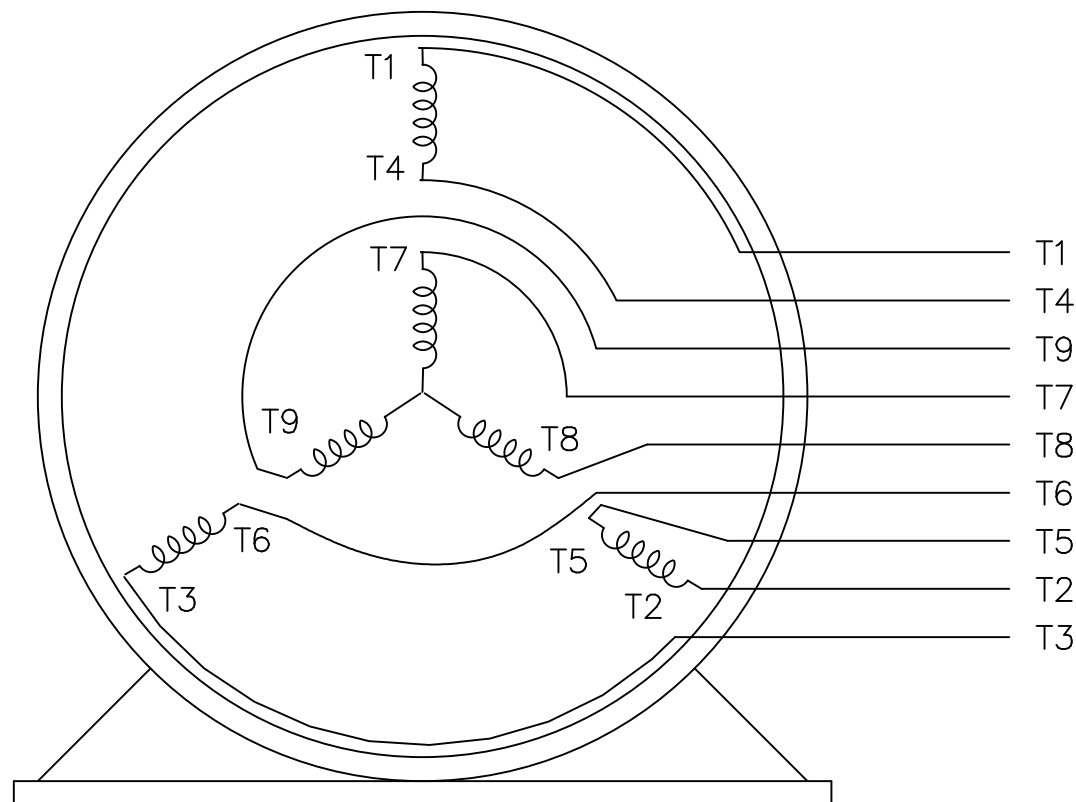
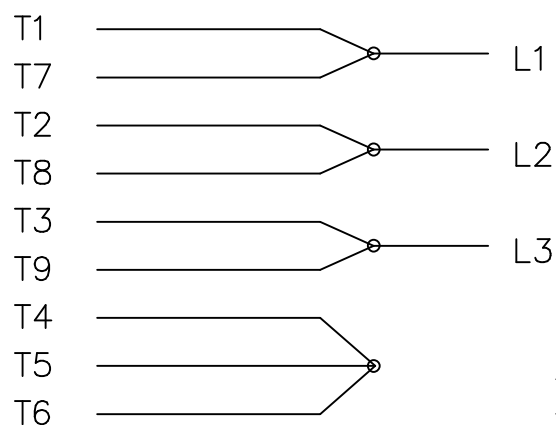
-dictionary-
/Pscript_WinNT_Compat
-dictionary-

THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE




VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

				TOLERANCES UNLESS SPECIFIED			DRAWN BLR 06/11/1999				
				DEC.	INCHES		CHK ML 06/18/1999				
				.X	±.1		APPD GK 06/18/1999				
3	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS .XX	±.02	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR		SCALE 1=1				
2	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR 08/09/1999	GK .XXX	±.005			REF				
1	NEW DRAWING	BLR 06/18/1999	GK .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 EE7308LN		SIZE	DRAWING NO.	PAGE	OF	REV.
			DIST WP				A	EE7308-LN		3	