PRODUCT INFORMATION PACKET

Model No: LM04142
Catalog No: LM04142
OBSOLETE - REPLACED BY LM32670 - 30,1800,DP,286T,3/60/200/400

*Regal*Rexnord

Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	200/400 V
Current	86.0/43.0 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	88.5 %	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	A	KVA Code	J
Frame	286T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	310	Opp Drive End Bearing Size	209
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
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/F2 CAPABLE		
Connection Drawing	A-EE7308AA-LN	Outline Drawing	XF1D1SS1-1448

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(C)

(5.13)
4.62

(8.82)

BS

2F   4.75

.50x.50x3.25
KEY

⌀1.874
1.873

(21.08)

(⌀13.75)

(14.20)
(10.23)

45°   45°

(1.96)

(16.01)

3.83

HOLE FOR
2.50" CONDUIT

⌀.53
4 HOLES

7.00
6.94

5.50   (3.42)

(.32)

11.00

(12.44)

F2 MOUNT
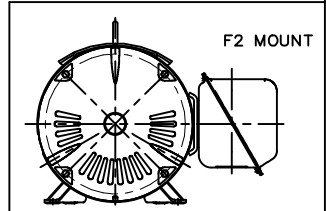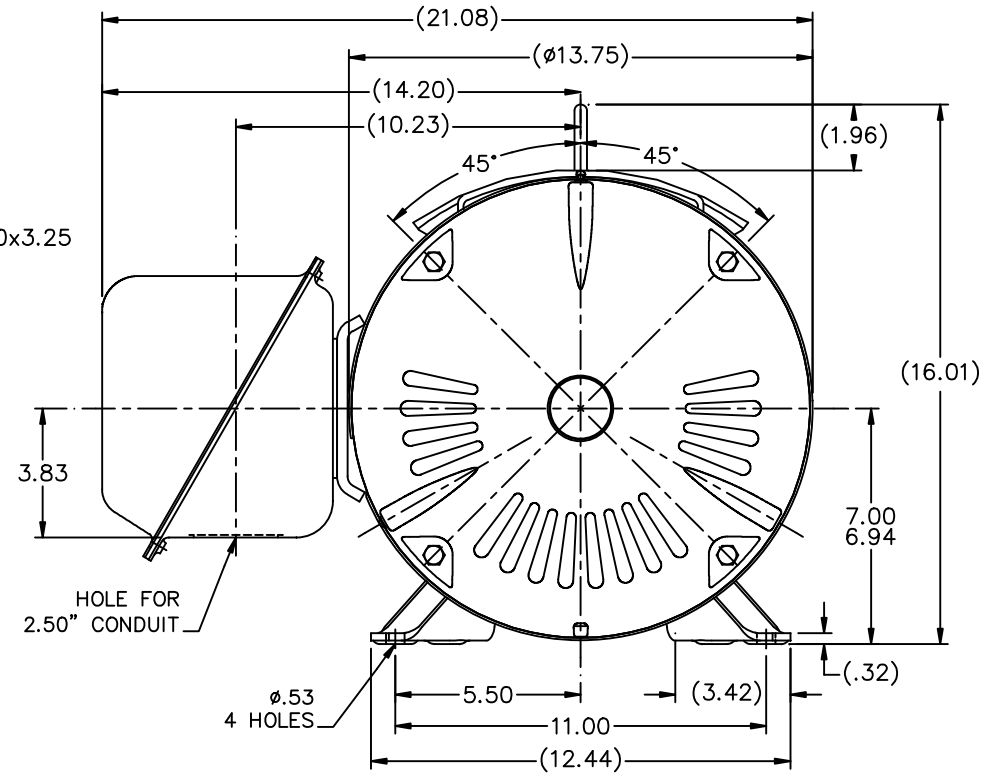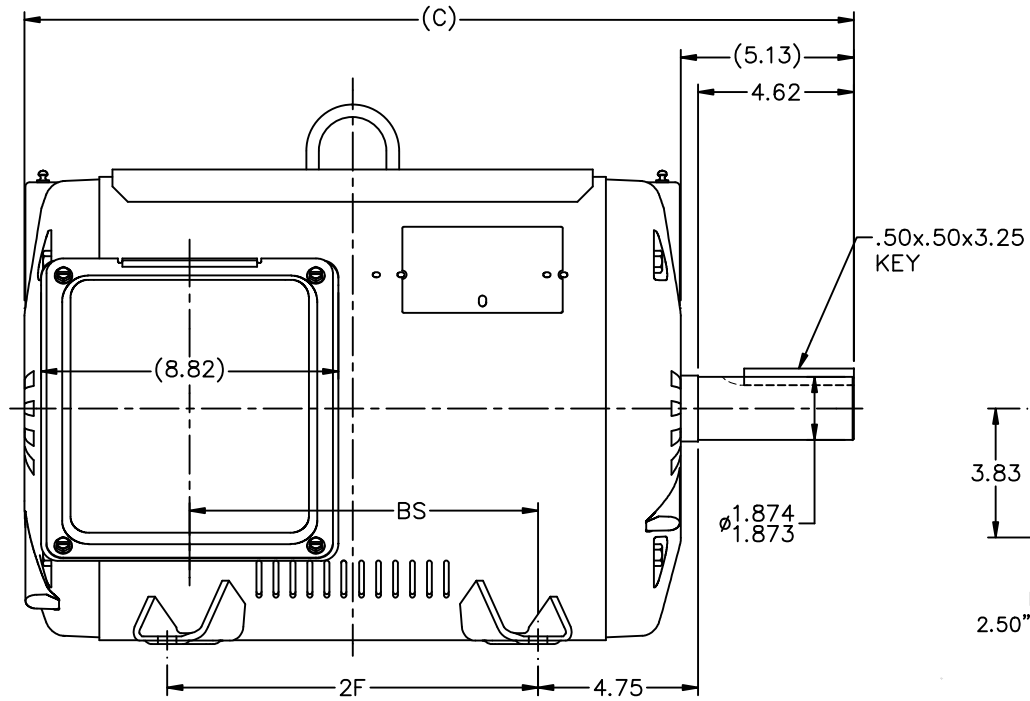
NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. NAMEPLATES TO BE READ FROM CONDUIT BOX
   SIDE OF MOTOR.

DASH	FRAME	C	2F	BS			
1298	284T	23.11	9.50	9.59			
1448	286T	24.61	11.00	10.34			

						TOLERANCES UNLESS SPECIFIED					
						DEC.	INCHES			DRAWN TJB 08-08-2001	
						.X	±.1			CHK ML 08-23-2001	
						.XX	±.03	TITLE OUTLINE NEMA MOTORS 280T ODP STD. EFF.		APPD HNH 08-30-2001	
						.XXX	±.005			SCALE 1=3.65	
1	NEW DRAWING REPLACES 3XSD130FSSF-1 CN 34258			TJB 08-30-2001		.XXXX	±.0005	MAT'L.		REF	
NO.	REVISION			BY & DATE	CHK	ANG	±7°30'	FINISH		FMF	
										PREV	

DRAWN TJB 08-08-2001
CHK ML 08-23-2001
APPD HNH 08-30-2001
SCALE 1=3.65
REF
FMF
PREV

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RFP
DIST BY

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L1

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LOW VOLTAGE

T12
T1
L1

T4
T7

T2
T10
L2

T5
T8

T3
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L3

T6
T9

HIGH VOLTAGE

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T3

T12 T1
T9   T4
T6   T7
T3   T8 T5   T10
T11   T2

VIEW OF TERMINAL END

| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES |
| TOL. ON XX±.02   XXX±.005   XXXX±.0005   ANGLES± 7'30" |

			MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED	DRAWN BY	TRB	07-16-1999
2	08-09-1999	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR	FINISH	CHKD BY	ML	06-18-1999
				MATERIAL			
1	06-18-1999	NEW DRAWING	TRB		APPD BY	GK	06-18-1999
REV	DATE	CHANGE	NAME				

Lincoln MOTORS

PART NAME 3 PHASE CONNECTION DIAGRAM	DRWG NO
2/1 DELTA - 12 LEADS	A-EE7308AA-LN
PURCHASED	CADD FILE NO. EE7308AALN

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