PRODUCT INFORMATION PACKET

Model No: LM13946
Catalog No: LM13946
405T ODP   125HP1800 230460000/360

LEESON

Nameplate Specifications

Phase	3	Output HP	125 & 100 Hp
Output KW	93.0 & 75.0 kW	Voltage	230/460 & 190/380 V
Speed	1783 & 1483 rpm	Service Factor	1.25 & 1.15
Frame	405T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95.4 & 94.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	304/152 & 294/147 A	Power Factor	81.5
Duty	Continuous	Insulation Class	F
Design Code	BC	KVA Code	G
Drive End Bearing Size	6315	Opp Drive End Bearing Size	6313
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
Resistance Main	.039 Ohms	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 ONLY
Outline Drawing	XJ2D1SS1-1885	Connection Drawing	EE7308AA-LN

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(C)

(7.68)

7.25

.75x.75x5.62
KEY

Ø 2.875
2.874

(11.25)

BS

2FF

6.62

2FFF

2F

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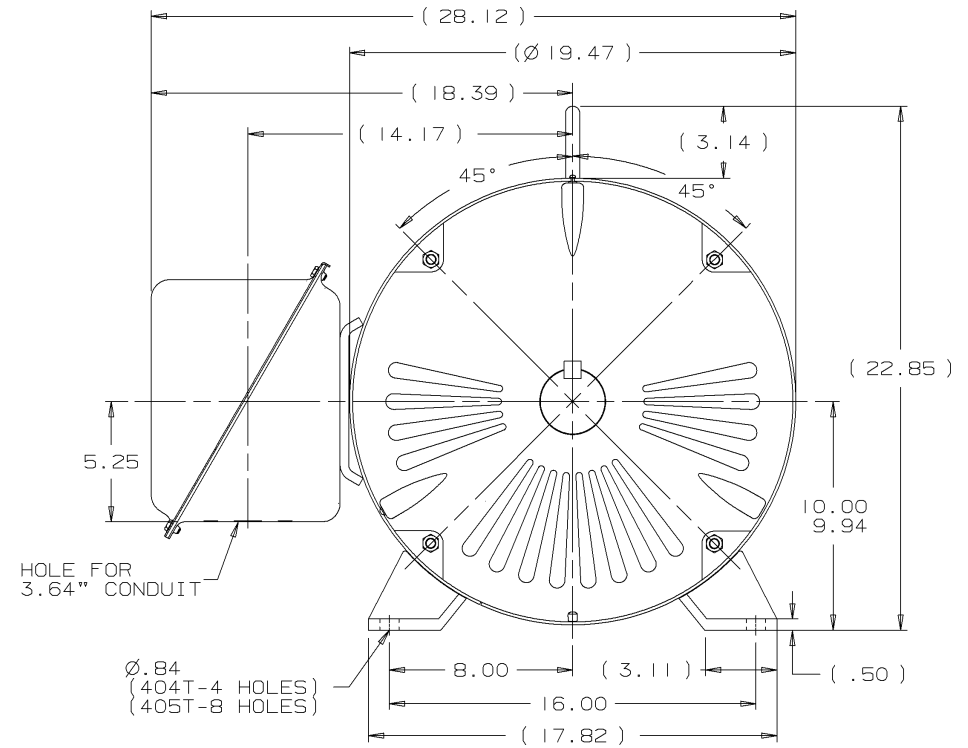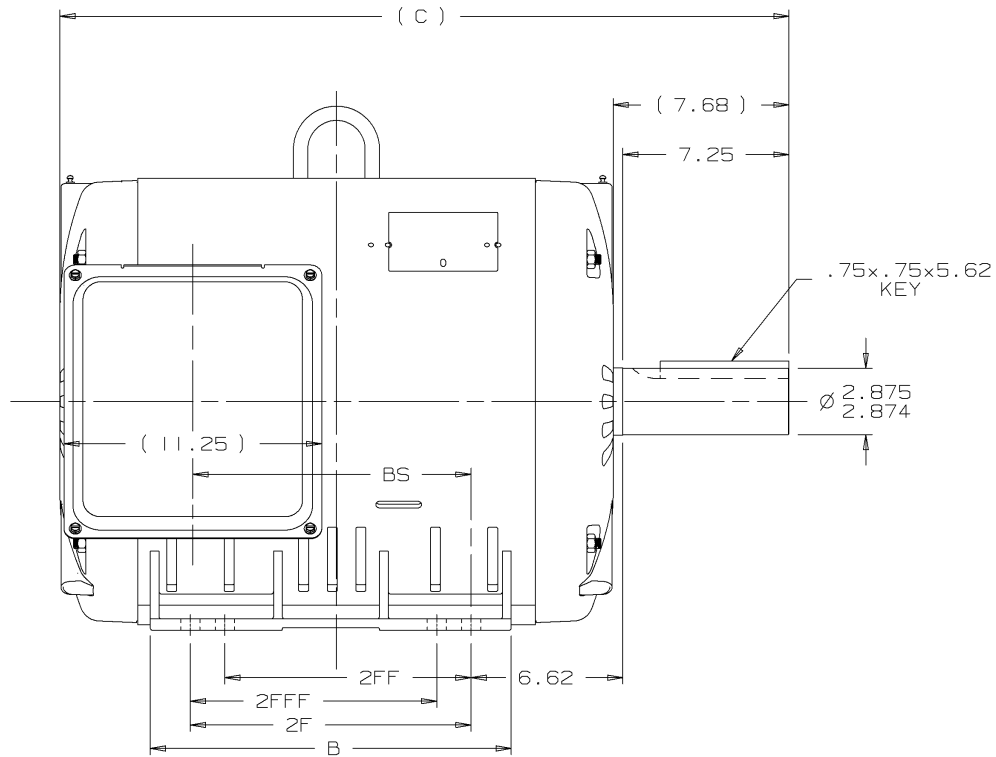
NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. NAMEPLATES TO BE READ FROM CONDUIT BOX
   SIDE OF MOTOR.

(28.12)

(Ø 19.47)

(18.39)

(14.17)

(3.14)

45°   45°

(22.85)

5.25

10.00
9.94

HOLE FOR
3.64" CONDUIT

Ø.84
(404T-4 HOLES)
(405T-8 HOLES)

8.00   (3.11)   (.50)

16.00

(17.82)

F2 VIEW
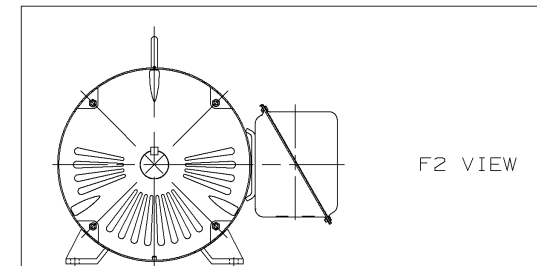
DASH	FRAME	C	B	2F	2FF	2FFF	BS
1735	404	31.81	15.75	12.25	╳	╳	12.14
1885	405	33.31	17.25	13.75	10.75	10.75	13.64

REV	DATE	CHANGE	NAME
1	08-31-2001	NEW DRAWING	TJB

Lincoln
M O T O R S

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

MAX. SURFACE ROUGHNESS
UNLESS OTHERWISE NOTED

FINISH

MATERIAL

DRAWN BY	TJB	08-21-2001
CHKD BY	ML	08-23-2001
APPD BY	HNH	08-29-2001

PART NAME   OUTLINE NEMA MOTORS
400T ODP UE

DRWG NO   XJ2D1SS1

DISTRIBUTION   WA - LB - WP - BY   CADD FILE NO.   XJ2D1SS1

PURCHASED

T12
T1
T6 ———————————————— L1
T7

T2
T4 ———————————————— L2
T8
T10

T3
T5 ———————————————— L3
T9
T11

LOW VOLTAGE

T12
T1 ———•———————— L1

T4
T7 ———•

T2
T10 ———•———————— L2

T5
T8 ———•

T3
T11 ———•———————— L3

T6
T9 ———•

HIGH VOLTAGE

VIEW OF TERMINAL END

Inner labels: T12 T1, T9, T4, T6, T7, T3, T8 T5, T10, T11, T2

Right side labels: T6, T9, T12, T1, T4, T7, T10, T2, T5, T8, T11, T3

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

REV	DATE	CHANGE	NAME		
2	08-09-1999	RE-ISSUE, ADDED '-' TO PART NUMBER	BLR		
1	06-18-1999	NEW DRAWING	TRB		

Lincoln MOTORS

MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED

FINISH

MATERIAL

DRAWN BY	TRB	07-16-1999
CHKD BY	ML	06-18-1999
APPD BY	GK	06-18-1999

PART NAME 3 PHASE CONNECTION DIAGRAM
2/1 DELTA - 12 LEADS

DRWG NO A-EE7308AA-LN

PURCHASED | CADD FILE NO. EE7308AALN

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OFFENDING COMMAND: Pscrip

STACK:
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