

PRODUCT INFORMATION PACKET

Model No: LM28705
Catalog No: LM28705
2,1200,DP,184TC,3/60/230/460

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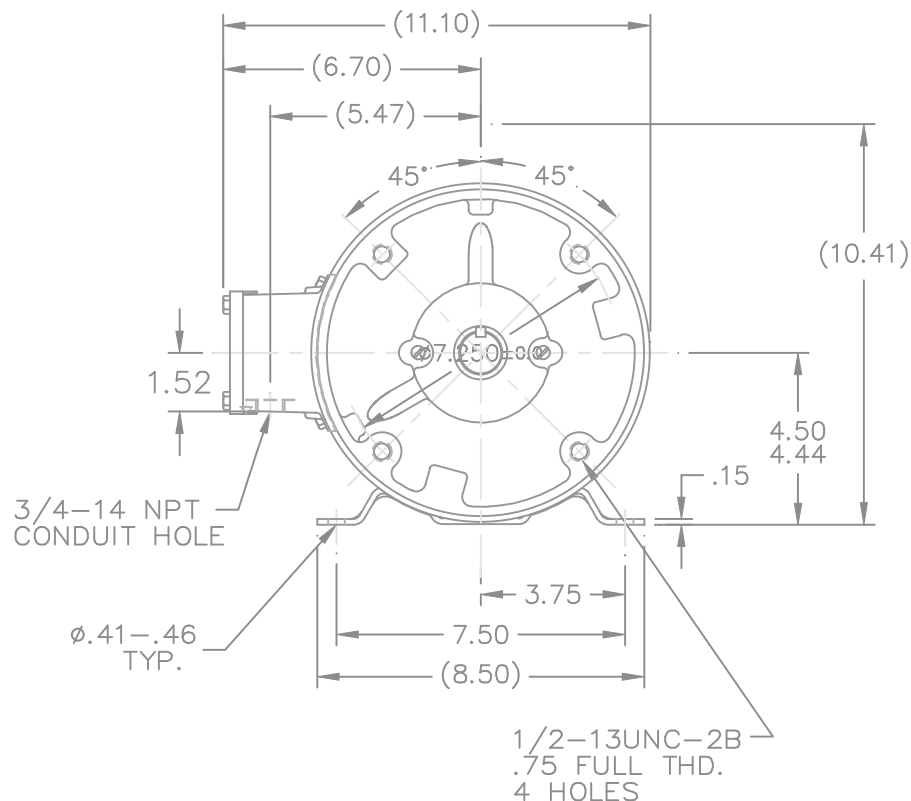
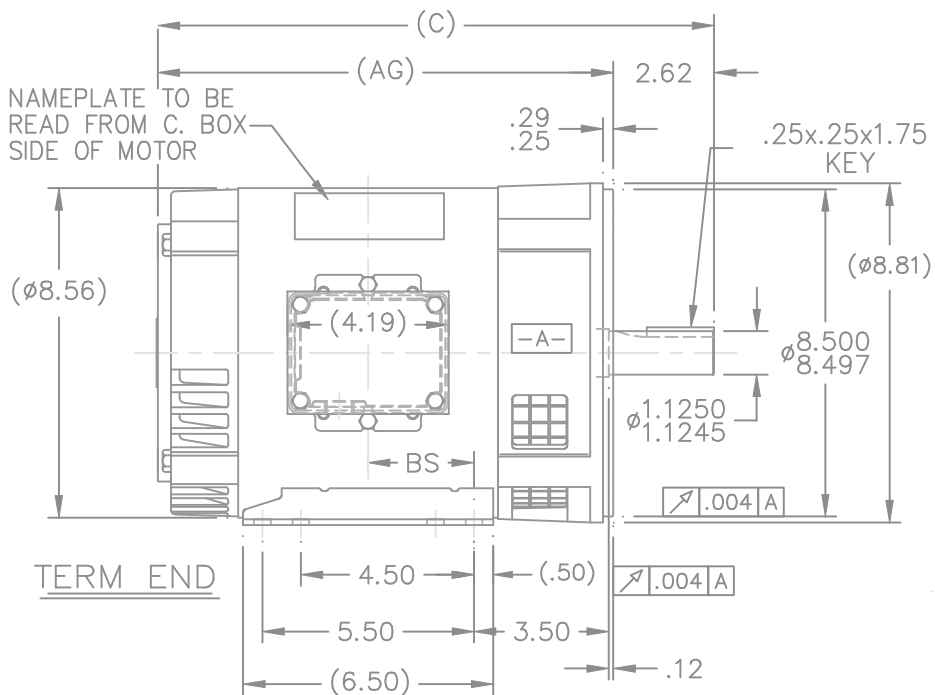
Nameplate Specifications

| | | | |
|------------------------|----------------------|----------------------------|-------------------|
| Output HP | 2 Hp | Output KW | 1.5 kW |
| Frequency | 60 Hz | Voltage | 230/460 V |
| Current | 6.2/3.1 A | Speed | 1165 rpm |
| Service Factor | 1 | Phase | 3 |
| Efficiency | 85.5 % | Power Factor | 70 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | K |
| Frame | 184TC | Enclosure | Drip Proof |
| Thermal Protection | No Protection | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6207 | Opp Drive End Bearing Size | 6205 |
| UL | No | CSA | Y |
| CE | N | IP Code | 12 |
| Number of Speeds | 1 | | |

Technical Specifications

| | | | |
|-----------------------|------------------------------------|-----------------------|------------------------|
| Electrical Type | Squirrel Cage Induction Run | Starting Method | Across The Line |
| Poles | 6 | Rotation | Reversible |
| Resistance Main | 5.85 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/F2 CAPABLE |
| Outline Drawing | A-SS69241LN-925 | Connection Drawing | A-EE7308-LN |


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NOTES:

1. BOX CAN BE ROTATED IN 90° STEPS.
2. BOX CAN BE MOUNTED ON OPP. SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.

| DASH | FR. | C | AG | BS | MOUNTING |
|------|--------|-------|-------|------|----------|
| 725 | 182/4T | 14.96 | 11.34 | 3.00 | F1 ONLY |
| 925 | 182/4T | 16.96 | 13.34 | 4.00 | F1 ONLY |

| | | | | TOLERANCES UNLESS SPECIFIED | |  | DRAWN TJB 03-11-2002 | | | | |
|--|------------------------|----------|----------------|-----------------------------|--------------------|---|---------------------------|-----------|-----------------------|---------|--------|
| | | | | DEC. | INCHES | | CHK DRS 03-11-2002 | | | | |
| | | | | .X | ±.1 | | APPD TB 03-11-2002 | | | | |
| 3 | UPDATED C'BOX GEOMETRY | CN 36692 | DRS 05-16-2003 | ML | .XX | ±.03 | TITLE OUTLINE | SCALE 1=5 | | | |
| 2 | REMOVED LIFT LUG | CN 31624 | DRS 04-08-2002 | | .XXX | ±.005 | 180 FR. - DR.PR. - C'FACE | REF | | | |
| 1 | NEW DRAWING | MU40817 | TJB 03-11-2002 | TB | .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 ss69241ln | | | SIZE A | DRAWING NO. SS69241LN | PAGE OF | REV. 3 |
| | | | | DIST LB | | | | | | | |

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 —

| NO. | REVISION | BY & DATE | CHK | TOLERANCES UNLESS SPECIFIED | | FINISH | DRAWN | ML | GK | DATE | SCALE | REV. |
|-----|------------------------------------|----------------|------|-----------------------------|--------|--------------------------|-------|-------------|------|------------|-------|------|
| | | | | DEC. | INCHES | | | | | | | |
| | | | | .X | ±.1 | | BLR | ML | GK | 06/11/1999 | 1=1 | |
| 3 | ADDED THE OPTIONAL CORD CONNECTION | RDH 04/24/2003 | DRS | .XX | ±.02 | TITLE CONNECTION DIAGRAM | | | | 06/18/1999 | | |
| 2 | RE-ISSUE, ADDED '-' TO PART NUMBER | BLR 08/09/1999 | GK | .XXX | ±.005 | 3∅ - DUAL VOLTAGE MOTOR | | | | 06/18/1999 | | |
| 1 | NEW DRAWING | BLR 06/18/1999 | GK | .XXXX | ±.0005 | MAT'L. | | | | | | |
| | | | | ANG | ±7'30" | | | | | | | |
| | | | RFP | | | CAD FILE EE7308LN | SIZE | DRAWING NO. | PAGE | OF | | |
| | | | DIST | WP | | | A | EE7308-LN | | | | 3 |



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