



A Regal Brand

Catalog # : LM24106

Product Type: AC MOTOR

Description: 2..1800.56H.ODP.230/460.3.60....1.15...SRD4S2T61

Model: SRD4S2T61

Stock: Stock

Quote: Price:

Date: 10/14/2014



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Catalog # : LM24106

Product Type: AC MOTOR

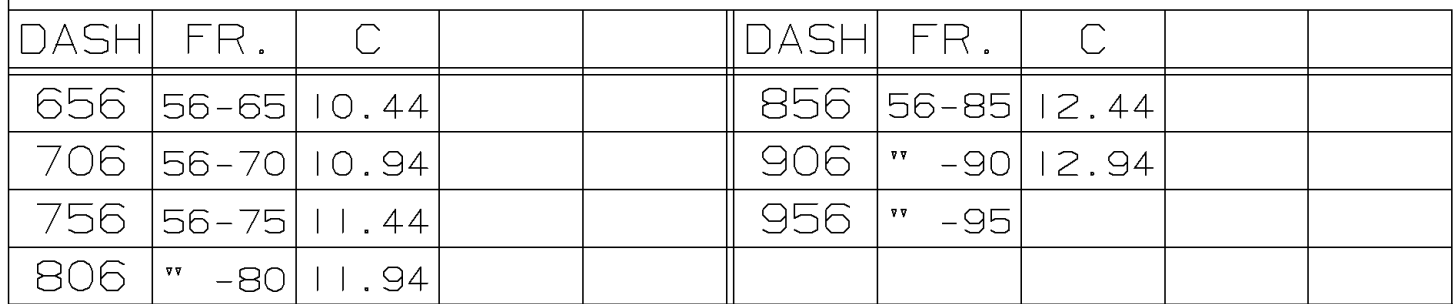
Description: 2..1800.56H.ODP.230/460.3.60....1.15...SRD4S2T61

Model: SRD4S2T61

Stock: Stock

|                  |                     |                 |                |              |             |
|------------------|---------------------|-----------------|----------------|--------------|-------------|
| Engineering Data |                     |                 |                |              |             |
| Volts            | 230                 | Volts           | 460            | Volts        |             |
| F.L. Amps        | 6.2                 | F.L. Amps       | 3.1            | F.L. Amps    |             |
| S. F Amps        | 6.8                 | S. F Amps       | 3.4            | S. F Amps    |             |
|                  |                     |                 |                |              |             |
| RPM              | 1800                | Hertz           | 60             |              |             |
| HP               | 2                   | Duty            | CONTINUOUS     | TYPE         | TS          |
| KW               | 1.492               |                 |                |              |             |
| Frame            | 56H                 | Serv. Factor    | 1.15           | Phase        | 3           |
| Max Amb          | 40                  | Design          | B              | Code         | K           |
| Insul Class      | B                   | Protection      | NOT            | Therm.Prot.  |             |
| Eff 100%         | 81.5                | Eff 75%         |                | PF           |             |
| UL               | V-INS, CONST UL REC | CSA             | Yes            | Bearing OPE  | 203         |
| CC Number        |                     | CE              |                | Bearing PE   | 205         |
| Load Type        |                     | Inverter Type   | NONE           | Speed Range  | UNK         |
|                  |                     |                 |                |              |             |
| Motor Wt.        | 37 LB               | Enclosure       | DP             | Lubrication  | STANDARD    |
| Nameplate        |                     | Mounting        | RIGID          | Rotation     | REV         |
| Assembly         |                     | Shaft Dia.      |                | Ext. Diag.   | A-EE7308-LN |
| Cust Part No     |                     | Outline         | A-100094LN-806 | Ext. Diag2   |             |
| Packaging        | B                   | Outline Dash No |                | Winding      | ZT475       |
| Carton Label     |                     |                 |                | GROUP :      | 3           |
| Iris             |                     | Paint           | UNK            | Test Card    |             |
|                  |                     |                 |                |              |             |
| Form Factor      |                     | RMS Amps        |                | Const Torque | Speed Range |
| Torque           |                     | Peak            |                |              |             |
| AB Code          |                     | Peak@DegC       |                |              |             |
| Resistance       |                     |                 |                |              |             |
| Connection       |                     |                 |                |              |             |
|                  |                     |                 |                |              |             |
| Rework Status    |                     | Rework TYPE     |                |              |             |

|                                         |      |      |      |              |      |               |               |                       |  |
|-----------------------------------------|------|------|------|--------------|------|---------------|---------------|-----------------------|--|
| Hazardous Loc                           |      | NONE |      |              |      | Brake Motors  |               |                       |  |
| Explosion Proof                         |      |      |      | Temp Op Code |      | FORCE         |               |                       |  |
| Class                                   |      |      |      | GROUP        |      | VDC           |               |                       |  |
| Class                                   |      |      |      | GROUP        |      | ADC           |               |                       |  |
|                                         |      |      |      |              |      |               |               | Brake Coil OHMs @25 C |  |
| Performance                             |      |      |      |              |      |               |               |                       |  |
| Torque UOM                              |      |      |      |              |      | Inertia (WK²) |               |                       |  |
| Torque                                  |      |      |      |              |      |               |               |                       |  |
| CURRENT (amps)                          |      |      |      |              |      |               |               |                       |  |
| Efficiency (%)                          |      |      |      |              |      |               |               |                       |  |
| PowerFactor                             |      |      |      |              |      |               |               |                       |  |
| Load Curve Data @60 HzVolts,2Horsepower |      |      |      |              |      |               |               |                       |  |
| Load                                    | Amps | KW   | RPM  | Torque       | Eff  | PF            | Rise By Resis | Frame Rise            |  |
| 0.0                                     | 2.0  | 0.17 | 1800 | 0.0          | 0.0  | 10.5          | 0.0           | -                     |  |
| 0.25                                    | 2.1  | 0.53 | 1787 | 1.5          | 71.0 | 31.0          | 0.0           | -                     |  |
| 0.5                                     | 2.4  | 0.94 | 1775 | 3.0          | 79.5 | 50.0          | 0.0           | -                     |  |
| 0.75                                    | 2.7  | 1.4  | 1760 | 4.5          | 82.5 | 63.5          | 0.0           | -                     |  |
| 1.0                                     | 3.1  | 1.8  | 1740 | 6.0          | 81.5 | 75.5          | 55.0          | 49.0                  |  |
| 1.15                                    | 3.4  | 2.1  | 1735 | 7.0          | 81.5 | 77.0          | 75.0          | 59.0                  |  |
| 1.25                                    | 3.6  | 2.3  | 1730 | 7.6          | 81.5 | 78.5          | 90.0          | -                     |  |
| 1.5                                     | 4.2  | 2.7  | 1712 | 9.2          | 80.0 | 82.5          | 0.0           | -                     |  |
| 1.75                                    | 4.8  | 3.3  | 1690 | 11.0         | 79.5 | 85.0          | 0.0           | -                     |  |
| SOURCE: CALCULATED GROUP: 3             |      |      |      |              |      |               |               |                       |  |
| Load Curve Data @60HzVolts,2Horsepower  |      |      |      |              |      |               |               |                       |  |
| Load                                    | Amps | KW   | RPM  | Torque       | Eff  | PF            | Rise By Resis | Frame Rise            |  |
| Load Curve Data Not Available           |      |      |      |              |      |               |               |                       |  |
|                                         |      |      |      |              |      |               |               |                       |  |
| Quote: Price:                           |      |      |      |              |      |               |               |                       |  |
| Date: 10/14/2014                        |      |      |      |              |      |               |               |                       |  |



```
ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--
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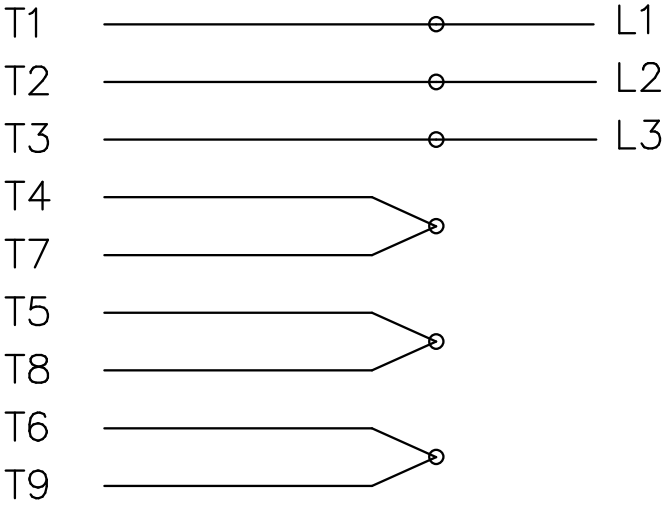
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STACK:
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-dictionary-
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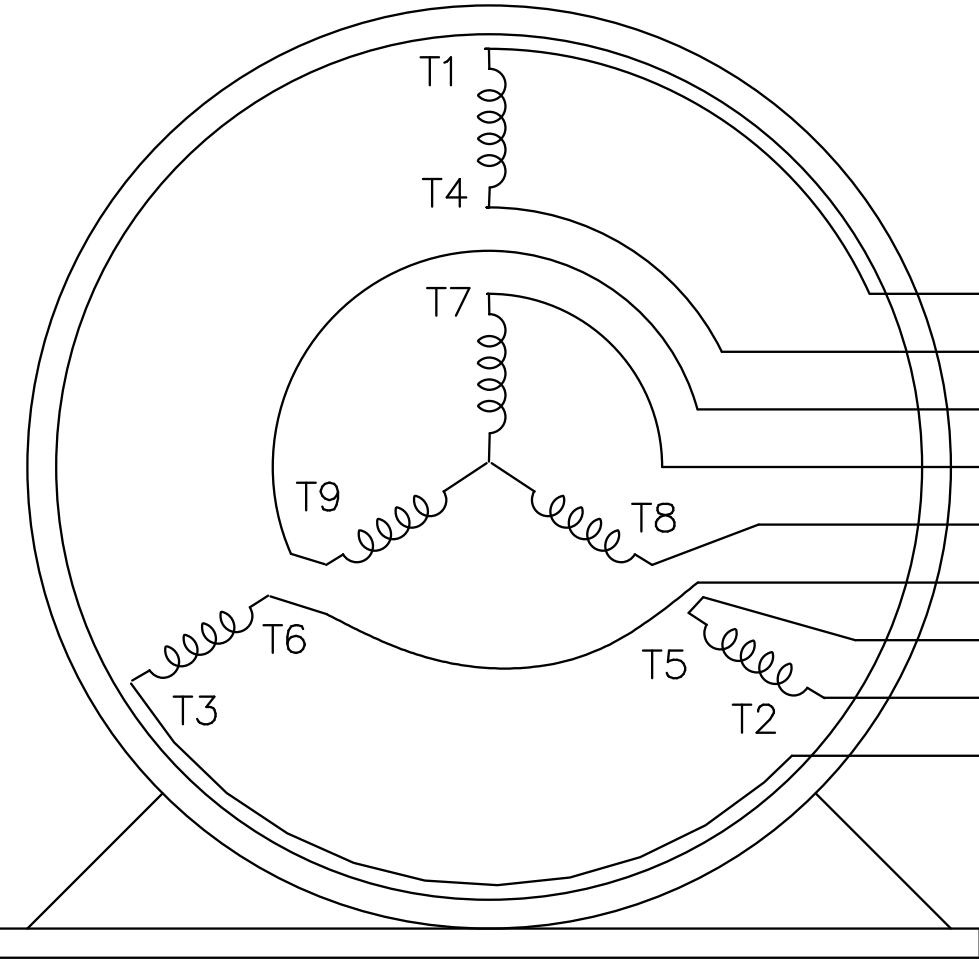
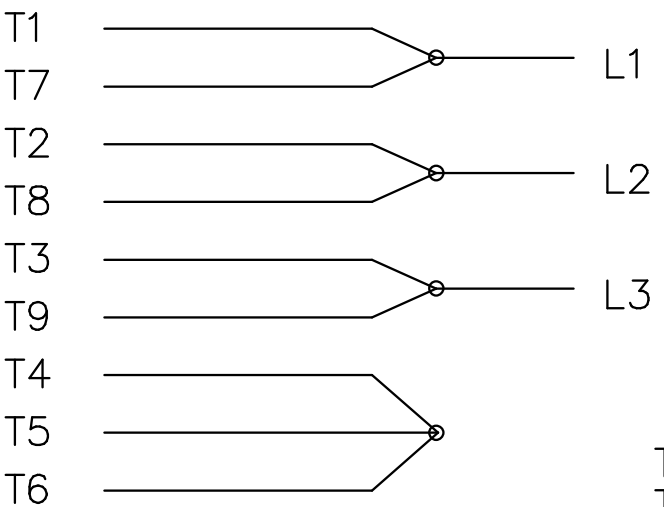
THREE PHASE  
DUAL VOLTAGE MOTOR

EE7308-LN

HIGH VOLTAGE



LOW VOLTAGE



T1  
T4  
T9  
T7  
T8  
T6  
T5  
T2  
T3

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<br>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                                                              |                      |             | SCALE 1=1  |      |
| 2                                                                                                                                                                                                                                      | RE-ISSUE, ADDED '-' TO PART NUMBER         | BLR 08/09/1999 | GK      | .XXX                           | ±.005             | 3Ø – DUAL VOLTAGE MOTOR                                                               |                      |             | 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<br>IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED<br>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    |