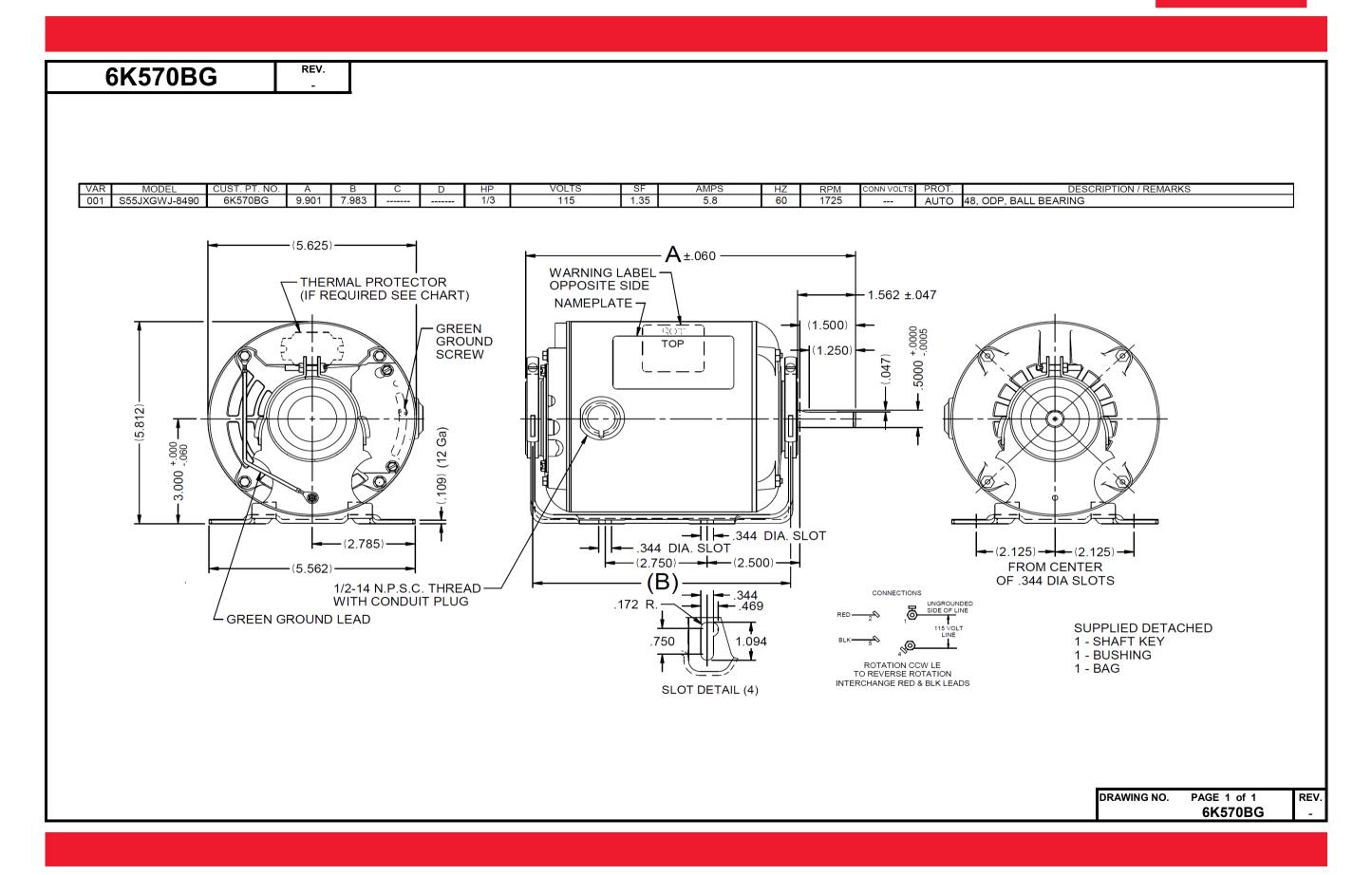
# **Dimensional Drawing**





### **Performance Data**



| 6K570B             | G REV.                           |           |       |   |   |         |          |
|--------------------|----------------------------------|-----------|-------|---|---|---------|----------|
|                    | ΜΟΤΟ                             | R PERFO   | RMANC | = |   |         |          |
|                    |                                  |           |       |   |   |         |          |
| HP:                | 1/3 HP                           |           |       |   |   |         |          |
| Poles:             | 4                                |           |       |   |   |         |          |
| No. of Speeds:     | 1                                |           |       |   |   |         |          |
| Volts:             | 115                              | 115       |       |   |   |         |          |
| HZ:                | 60                               | 60        |       |   |   |         |          |
| Service Factor:    | 1.35                             |           |       |   |   |         |          |
| Efficiency:        | @ Rated Load                     | 65.1      |       |   |   |         |          |
| Power Factor:      | @ Rated Load                     | 66.0      |       |   |   |         |          |
| Amps:              | @ No Load                        |           |       |   |   |         |          |
|                    | @ Rated Load                     | 5.1       |       |   |   |         |          |
|                    | @ Service Factor                 | 6.01      |       |   |   |         |          |
|                    | @ Locked Rotor                   | 32.7      |       |   |   |         |          |
| RPM:               | @ Rated Load                     | 1751      |       |   |   |         |          |
| Ambient (°C):      |                                  |           |       |   |   |         |          |
| Altitude (FASL):   | Breakdown                        | 40.5      | I     |   |   |         |          |
| Torques:           | Locked Rotor                     | 40.5 20.2 |       |   | _ |         |          |
|                    | Pull-Up                          | 17.4      |       |   |   |         |          |
|                    | Rated Load                       | 17.4      |       |   |   |         |          |
|                    | Service Factor                   | 21.9      |       |   |   |         |          |
| Watts:             | Rated Load                       | 387.2     |       |   |   |         |          |
| KVA Code:          |                                  | 007.2     |       |   |   |         |          |
| Temperature Rise:  | @ Rated Load                     | 37.1      |       |   |   |         |          |
|                    | @ Service Factor                 | 40        |       |   |   |         |          |
| Thermal Protector: | Trip Temp (°C)                   | 109.3     |       |   |   |         |          |
| Winding Material:  | Start (Auxiliary)                | AL        |       |   |   |         |          |
| 0                  | Run (Main)                       | AL        |       |   |   |         |          |
| Capacitor(s):      | Start (MFD / Volts)              |           | -     | • |   |         |          |
|                    | No. of Start Capacitors          |           |       |   |   |         |          |
|                    | Run (MFD / Volts)                |           |       |   |   |         |          |
|                    | No. of Run Capacitors            |           |       | r |   |         |          |
|                    |                                  |           |       |   |   |         |          |
|                    | FORMANCE DATA:                   |           |       |   |   |         |          |
| HP:                |                                  |           |       |   |   |         |          |
| Poles:             |                                  |           |       | r |   |         |          |
| Volts:             |                                  |           |       |   |   |         |          |
| HZ:                |                                  |           |       |   |   |         |          |
| Efficiency:        | @ Rated Load                     |           |       |   |   |         | -        |
| Power Factor:      | @ Rated Load<br>@ No Load        |           |       |   |   |         |          |
| Amps:              | @ Rated Load                     | +         |       |   |   |         |          |
|                    | @ Rated Load<br>@ Service Factor | +         |       |   | _ |         |          |
|                    | @ Locked Rotor                   | + +       |       |   |   |         |          |
| Torques:           | @ Rated Load                     | + +       |       |   |   |         |          |
| i oi ques.         | Locked Rotor                     |           |       |   |   |         |          |
|                    | Pull-Up                          | + +       |       |   |   | +       | 1        |
|                    | Rated Load                       | 1 1       |       |   |   |         |          |
|                    | Service Factor                   |           |       |   |   |         |          |
| Watts:             | @ Rated Load                     |           |       |   |   |         |          |
| Temperature Rise:  | @ Rated Load                     |           |       |   |   |         | 1        |
|                    | @ Service Factor                 |           |       |   |   |         |          |
|                    |                                  |           |       |   |   |         | ļ        |
|                    |                                  |           |       |   |   | DRAWING | NO. PAGE |

#### Dayton Electric Mfg. Co. Lake Forest, IL 60045



| 6K57  | 0BG        | REV.<br>-      |                |                |                  |              |              |                |                |               |              |
|-------|------------|----------------|----------------|----------------|------------------|--------------|--------------|----------------|----------------|---------------|--------------|
|       |            |                |                |                | Dav              | ton Mai      | nufactu      | iring Con      | npany          |               |              |
|       | Motor Des  | cription       |                |                | 5                |              | Test Cor     |                | 1 5            |               |              |
|       | Model:     | S055GWJ8       | 19001 EK       | 570BG          | Test Type:       | Start        | Test Col     | Run Ca         | n:             | 0             |              |
|       | Motor ID:  | 1              | 49001 010      | 57066          | Test Number:     |              |              | Start Ca       |                | 0<br>0µfd     |              |
|       | Poles:     | 4              |                |                | Poles:           | 4            |              | Enviror        |                | θμια          |              |
|       |            |                |                |                |                  | -            |              |                |                | 9/6/2012 3:08 | 12 DM        |
|       | Volts:     | 115            |                |                | Volts:           | 115          |              | Tested:        |                |               |              |
|       | Frequency: | 60             |                |                | Hz:              | 60           |              | Tested         |                | Sharp, Gerald |              |
|       | HP:        | 1/3            |                |                | Rotation:        |              |              | Gear R         |                | 1:1           |              |
|       | Speed:     | 1725           |                |                | Special Cond:    |              |              |                |                | 0.00 Oz-Ft    |              |
|       | Phase:     | 1              |                |                | Speed Conn:      |              |              |                | ge Torque      | : -0.97 Oz-Ft |              |
|       | Protector: | MEJ28AX        |                |                | TestBoard:       | Amtps Pe     | erformance   | e Fixture #4   |                |               |              |
| Speci | ial Points | Vline(V)       | Iline(A)       | Imain(A)       | Iaux (A)         | Watts        | RPM          | Tq(Oz-ft)      | HP             | Eff(%)        | PF (%)       |
|       |            | 115.0<br>115.0 | 32.71<br>32.63 | 21.91<br>21.90 | 11.544<br>11.470 | 3139         | 35           | 20.25          | 0.009          | 0.2           | 83.4<br>83.4 |
|       |            | 115.0          | 32.52          | 21.90          | 11.248           | 3130<br>3117 | 42<br>175    | 17.45          | 0.036          | 0.2           | 83.3         |
| PUT   | OZ-FT      | 115.0          | 32.52          | 21.93          | 11.248           | 3117         | 175          | 17.45          | 0.036          | 0.9           | 83.3         |
|       |            | 115.0          | 32.33          | 21.87          | 11.017           | 3106         | 338          | 21.26          | 0.086          | 2.1           | 83.5         |
|       |            | 115.0          | 32.06          | 21.73          | 10.769           | 3089         | 494          | 24.31          | 0.143          | 3.5           | 83.8         |
|       |            | 115.0<br>115.0 | 31.70          | 21.53          | 10.516           | 3062<br>3037 | 627          | 26.95          | 0.201 0.264    | 4.9           | 84.0         |
|       |            | 115.0          | 31.30<br>30.85 | 21.27<br>20.95 | 10.279<br>10.064 | 3004         | 746<br>854   | 29.71<br>32.38 | 0.329          | 6.5<br>8.2    | 84.4<br>84.7 |
|       |            | 115.0          | 30.37          | 20.59          | 9.861            | 2970         | 950          | 34.98          | 0.396          | 9.9           | 85.0         |
|       |            | 115.0          | 29.84          | 20.19          | 9.667            | 2934         | 1039         | 37.29          | 0.461          | 11.7          | 85.5         |
|       |            | 115.0          | 29.26          | 19.75          | 9.477            | 2889         | 1119         | 39.32          | 0.524          | 13.5          | 85.9         |
|       |            | 115.0<br>115.0 | 28.66<br>28.03 | 19.29<br>18.80 | 9.305<br>9.152   | 2840<br>2788 | 1190<br>1256 | 41.17<br>42.37 | 0.583<br>0.634 | 15.3<br>17.0  | 86.2<br>86.5 |
|       |            | 115.0          | 27.36          | 18.27          | 9.024            | 2730         | 1316         | 43.24          | 0.677          | 18.5          | 86.8         |
|       |            | 115.0          | 26.69          | 17.72          | 8.938            | 2673         | 1369         | 43.65          | 0.711          | 19.8          | 87.1         |
|       |            | 115.0          | 26.02          | 17.16          | 8.888            | 2613         | 1416         | 43.56          | 0.734          | 21.0          | 87.4         |
|       |            | 115.0          | 25.34          | 16.59          | 8.869            | 2550         | 1459         | 43.10          | 0.749          | 21.9          | 87.5         |
|       |            | 115.0<br>115.0 | 24.67<br>24.00 | 16.01<br>15.42 | 8.888<br>8.934   | 2490<br>2424 | 1497<br>1533 | 42.54<br>40.91 | 0.758<br>0.746 | 22.7<br>23.0  | 87.8<br>87.8 |
|       |            | 115.0          | 23.34          | 14.84          | 9.009            | 2361         | 1563         | 38.79          | 0.722          | 22.8          | 87.9         |
|       |            | 115.0          | 22.70          | 14.25          | 9.105            | 2296         | 1592         | 36.59          | 0.693          | 22.5          | 87.9         |
|       |            | 115.0          | 22.09          | 13.67          | 9.229            | 2231         | 1618         | 34.02          | 0.655          | 21.9          | 87.8         |
|       |            | 115.0<br>115.0 | 21.46<br>20.86 | 13.06<br>12.48 | 9.378<br>9.527   | 2166<br>2103 | 1641<br>1663 | 30.99<br>27.78 | 0.605          | 20.8<br>19.5  | 87.8<br>87.6 |
|       |            | 115.0          | 20.88          | 11.88          | 9.704            | 2036         | 1684         | 24.15          | 0.484          | 19.5          | 87.4         |
|       |            | 115.0          | 19.71          | 11.27          | 9.899            | 1973         | 1702         | 20.27          | 0.411          | 15.5          | 87.0         |
|       |            | 115.0          | 19.16          | 10.71          | 10.084           | 1909         | 1722         | 16.33          | 0.335          | 13.1          | 86.6         |
|       |            | 115.0          | 18.56          | 10.07          | 10.295           | 1839         | 1739         | 11.64          | 0.241          | 9.8           | 86.2         |
|       |            | 115.0<br>115.0 | 18.02<br>17.44 | 9.43<br>8.68   | 10.534 10.811    | 1772<br>1695 | 1757<br>1774 | 6.80<br>1.10   | 0.142          | 6.0<br>1.0    | 85.5<br>84.5 |
|       |            | 115.0          | 17.29          | 8.50           | 10.873           | 1676         | 1777         | 0.00           | 0.000          | 0.0           | 84.3         |
|       |            |                |                |                |                  |              |              |                |                | DRAWING NO.   | PAGE 1 of 4  |
|       |            |                |                |                |                  |              |              |                |                |               | 6K570B0      |

### Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

## **Performance Data**





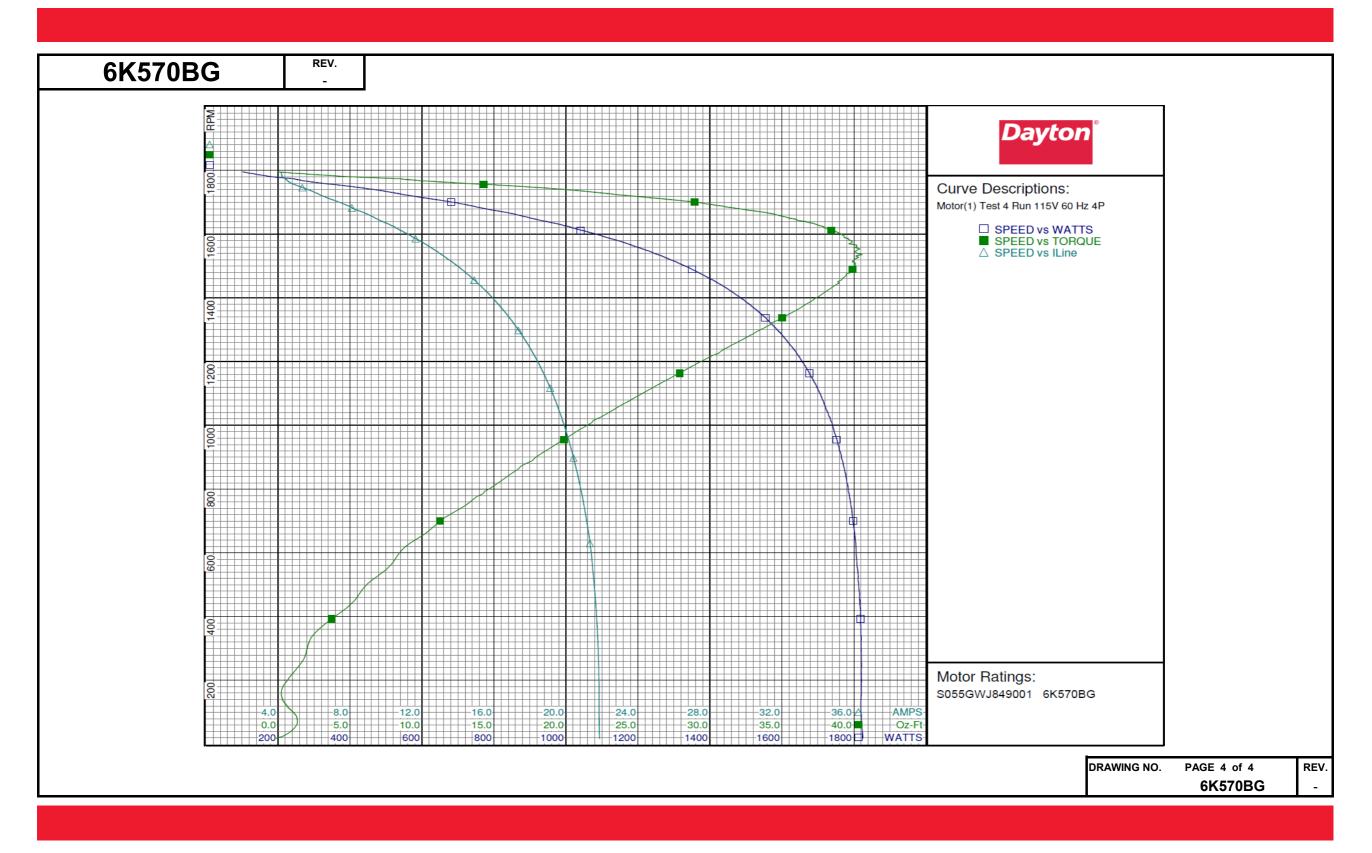


| 115.0       4.17       101.6       1795       0.00       0.000       0.0       21.2         115.0       4.22       167.9       1782       4.05       0.086       38.2       34.6         115.0       4.44       254.7       1771       9.08       0.191       56.1       49.6         2.0       02-FT       115.0       5.07       382.2       1752       15.96       0.333       65.0       65.6         3.3 0Z-FT       115.0       5.70       382.2       1752       15.96       0.333       65.7       77.5         3.0 Z-FT       115.0       5.72       472.2       1739       20.09       0.416       66.7       77.5         3.0 Z-FT       115.0       6.26       543.3       1725       23.30       0.479       65.7       75.4         25       RPM       115.0       6.26       543.3       1725       23.30       0.598       63.2       80.9         115.0       7.59       705.7       1616       36.687       0.718       51.5       84.1         115.0       12.28       1191.3       1561       40.20       0.747       46.8       83.7         115.0       13.68  |                |                |                |                  | Da         | yton Ma      | nufactu     | ring Cor   | npany       |               |
|--|----------------|----------------|----------------|------------------|------------|--------------|-------------|------------|-------------|---------------|
| Model:         S055GWJ849001         6K570BG         Test Type:         Run         Run Cap:         0           Motor ID:         1         Test Number:         4         Start Cap:         0µId           Poles:         4         Poles:         4         Environment:         9/6/2012 ::02:43 PA           Frequency:         60         Tested By:         Sharp, Gerald         Sharp, Gerald         Sharp, Gerald           HP:         1/3         Rotation:         Gear Ratio:         1:1         Gear Ratio:         1:1           Speed:         1725         Special Cond:         Bearing Friction:         -0.23 Oz-Ft           Phase:         1         Special Cond:         Bearing Friction:         -0.23 Oz-Ft           Tib:<0         4.12         167.9         1785         0.60         0.66         38-2         36-6           2.02-FT         115.0         5.07         382.2         1752         15.96         0.333         65.0         65.6           2.02-FT         115.0         5.07         382.2         1733         200         0.451         65.9         75.9           2.02-FT         115.0         6.26         543.3         1725         23.00         0.451  | Motor Des      | cription       |                |                  |            |              | Test Con    | ditions    |             |               |
| Poles:       4       Environment:       Poles:       4       Environment:       Poles:       4         Volts:       115       Volts:       115       GO       Tested By:       Sharp, Gerald         HP:       1/3       Speci:       1725       Special Cond:       Gear Ratio:       1:1         Speci:       1725       Special Cond:       Special Cond:       Bearing Friction:       -0.23 Oz-Ft         Phase:       1       Tils.0       4.22       167.9       Traste of testBard       Windage Torque:       -1.20 Oz-Ft         115.0       4.12       167.9       1782       4.05       0.000       0.80       38.2       24.6         333       HP       115.0       4.16       254.7       1771       9.08       0.333       65.0       65.6         2.0       2.0       115.0       5.10       3470.2       1755       14.89       0.311       66.1       61.0       61.0       61.0       72.2         2.0       0.2-FT       115.0       5.10       311.1       1731       20.10       0.333       65.0       65.1       65.1       75.4         2.0       0.2-FT       115.0       5.10       311.1       1731   |                |                | 49001 6K5      | 70BG             | Test Type: | Run          |             |            | ap:         | 0             |
| Volts:       115       Tested:       9/6/2012 3:02:43 PA         HP:       1/3       Rotation:       Gear Ratio:       1:1         Speed:       1725       Special Cond:       Bearing Friction:       -0.23 Oz-Ft         Phase:       1       Speed Conn:       Windage Torque: -1.20 Oz-Ft         Protector:       MEJ28AX       Speed Conn:       Windage Torque: -1.20 Oz-Ft         scial Points       Vine(V)       Tine(A)       Watts       RPM Tq(Oz-ft)       HB       Eff(4)       PF(8)         scial Points       Vine(V)       Tine(A)       Watts       RPM Tq(Oz-ft)       HB       Eff(4)       PF(8)         scial Points       Vine(V)       Tine(A)       Watts       RPM Tq(Oz-ft)       HB       Eff(4)       PF(8)         scial Points       Vine(V)       110.6       1775       0.000       0.000       0.0       21.2         scial Points       Tins.0       6.07       382.2       1751       16.20       0.333       65.0       65.6         3.2 C=FT       115.0       5.07       382.2       1731       21.00       65.1       65.6         3.2 C=FT       115.0       6.16       56.2       72.3       1732       23.00       65.1<   | Motor ID:      | 1              |                |                  | Test Numb  | er: 4        |             | Start C    | 'ap:        | Oµfd          |
| Frequency:         60         Tested By:         Sharp, Gerald           HP:         1/3         Rotation:         Gera Ratio:         I.           Speed:         1725         Special Cond:         Bearing Friction:         -0.23 Oz-Ft           Phase:         1         TestBoard:         Amtps Performance         Fiture #4           scial Points         Vine(V)         Line(A)         Nation:         Nation:         Special Cond:         Special Cond: <td>Poles:</td> <td>4</td> <td></td> <td></td> <td>Poles:</td> <td>4</td> <td></td> <td>Enviro</td> <td>nment:</td> <td></td> | Poles:         | 4              |                |                  | Poles:     | 4            |             | Enviro     | nment:      |               |
| HP:       1/3       Rotation:       Gear Ratio:       1:1         Speed:       1725       Speed Cond:       Bearing Frition: -0.23 Oz-Ft         Phase:       1       Netson:       Amtps Performance       Fixture #4         scial Points       Vine(V)       11me (A)       Watz       RM Tog (Or-ft)       HP       Eff (\$)       P (\$)         scial Points       Vine(V)       11s.0       4.17       101.6       1795       0.00       0.000       30.0       21.2         115.0       4.24       169       1795       0.00       0.006       38.2       34.6         333 HP       115.0       5.07       382.2       1752       15.96       0.333       65.0       65.6         2.02-FT       115.0       5.07       382.2       1753       16.80       0.338       65.0       72.2         2.02-FT       115.0       6.16       15.1       1.713       21.90       0.451       66.7       73.9         2.2       PMM       115.0       6.26       543.3       1725       23.30       0.479       65.7       75.4         115.0       6.26       543.3       1725       23.30       0.476       83.1       115.0   |                | 115            |                |                  | Volts:     |              |             | Tested     | :           |               |
| Speci:         1725         Special Conn:<br>TestBoard:         Bearing Friction: -0.23 Oz-Ft<br>Windage Torque: -1.20 Oz-Ft           Protector:         MEJ28AX         Yange Conn:<br>TestBoard:         Antps Performance         Fixture #4           scial Points         Vine(V)         Ilino (A)         Watts         RDM Tq(Oz-ft)         ID         Eff(s)         Pf(s)           333 HP         115:0         4.12         101:6         1795         0.00         0.006         0.00         2.1.2           333 HP         115:0         4.94         360.7         1752         15.96         0.333         66.0         7.1.2           30 CZ-FT         115:0         5.10         387.2         1751         16.20         0.338         65.1         66.0           13 OZ-FT         115:0         6.01         511.1         1733         20.90         0.4420         66.0         72.2           15:0         6.26         58.71         1733         20.30         0.420         66.0         72.2           25 RPM         115:0         6.26         58.71         1738         20.30         0.420         66.2         80.9           115:0         10.28         1091.3         110.8         8.69         82.56  | Frequency:     |                |                |                  | Hz:        | 60           |             |            |             | Sharp, Gerald |
| Phase:<br>Protector:         1<br>MEI28AX         Speed Con:<br>TestBoard:         Speed Con:<br>Amps Performance         Windage Torque: -1.20 Oz-Ft           scial Points         Vline(V)         Iline (A)         Watts         RPM Tq(Oz-ft)         HP         Eff(%)         Fixure #4           scial Points         Vline(V)         Iline (A)         Watts         RPM Tq(Oz-ft)         HP         Eff(%)         Ff(%)           333         HP         115:0         4.17         101:6         1795         14.89         0.191         56.1         49.6           333         HP         115:0         5.07         382.2         1725         14.89         0.311         64.3         63.5           2.         OZ-FT         115:0         5.06         340.2         1739         120.09         0.216         66.0         72.2           3.0 GZ-FT         115:0         6.26         543.3         1725         23.30         0.479         65.7         75.4           1.5:0         6.26         543.3         1725         23.30         0.479         65.7         75.4           1.5:0         7.5:9         705.7         1669         3.67         0.68         63.2         80.9           1.5:0   | HP:            |                |                |                  | Rotation:  |              |             |            |             |               |
| Protector:         MEJ28AX         TestBoard:         Amtps Performance         Fixture #4           scial Points         Vine(V)         Iline(A)         Wate         RPM         Tq(0z-ft)         HP         Eff(*)         PF(*)           115.0         4.22         167.9         1795         0.00         0.000         0.002         21.2           115.0         4.22         167.9         1782         4.05         0.086         38.2         34.6           333         HP         115.0         4.94         360.7         1755         14.89         0.311         64.3         63.5           30 Z=PT         115.0         5.10         387.2         1752         15.96         0.338         65.0         65.6           3 0Z=PT         115.0         5.01         311.1         1738         20.30         0.420         65.7         73.9           3 0Z=FT         115.0         6.01         511.1         1738         24.98         0.511         65.4         77.3           3 15.0         7.59         705.7         1695         29.63         0.598         63.2         80.9           115.0         8.69         822.5         1153         40.57         7   | Speed:         | 1725           |                |                  | Special Co | nd:          |             | Bearin     | g Friction: | -0.23 Oz-Ft   |
| Action         Vine (V)         Iline (A)         Watts         RPM         Tq(02-ft)         HP         Eff(%)         PF(%)           115.0         4.17         101.6         1795         0.00         0.000         0.0         21.2           115.0         4.42         167.9         1782         4.05         0.006         38.2         34.6           333         HP         115.0         4.46         254.7         1771         9.08         0.191         56.1         49.6           2.02-FT         115.0         5.07         382.2         1752         15.96         0.333         65.0         65.6           3.02-FT         115.0         5.68         470.2         1738         20.30         0.421         66.0         71.9           3.02-FT         115.0         6.01         511.1         1738         21.90         0.4451         65.9         73.9           25         RPM         115.0         6.16         59.7         1680         23.69         0.598         63.2         80.3           115.0         12.38         191.3         1561         40.20         0.747         46.8         83.7           115.0         12.38         <   | Phase:         |                |                |                  |            |              |             |            | ge Torque   | : -1.20 Oz-Ft |
| 115.0       4.17       101.6       1795       0.00       0.000       0.0       21.2         115.0       4.22       167.9       1782       4.05       0.086       38.2       34.6         115.0       4.44       254.7       1771       9.08       0.191       56.1       49.6         2.0       02-FT       115.0       5.07       382.2       1752       15.96       0.333       65.0       65.6         3.3 0Z-FT       115.0       5.70       382.2       1752       15.96       0.333       65.7       77.5         3.0 Z-FT       115.0       5.72       472.2       1739       20.09       0.416       66.7       77.5         3.0 Z-FT       115.0       6.26       543.3       1725       23.30       0.479       65.7       75.4         25       RPM       115.0       6.26       543.3       1725       23.30       0.598       63.2       80.9         115.0       7.59       705.7       1616       36.687       0.718       51.5       84.1         115.0       12.28       1191.3       1561       40.20       0.747       46.8       83.7         115.0       13.68  | Protector:     | MEJ28AX        |                |                  | TestBoard: | Amtps P      | Performance | Fixture #4 |             |               |
| 115.0       4.22       167.9       1782       4.05       0.086       38.2       34.6         333       HP       115.0       4.46       254.7       1775       14.89       0.311       64.3       63.5         3.2       0Z-FT       115.0       5.10       387.2       1751       16.20       0.338       65.1       66.0         3.0       0Z-FT       115.0       5.72       475.1       1738       20.09       0.416       66.0       72.2         3.0       0Z-FT       115.0       6.26       543.3       1725       23.30       0.420       66.0       72.2         25       RPM       115.0       6.26       543.3       1725       23.30       0.479       65.7       75.4         115.0       6.26       543.3       1725       23.30       0.479       65.4       77.3         115.0       7.59       705.7       1695       23.63       0.598       63.2       80.9         115.0       1.2.38       1191.3       1561       40.20       0.747       46.8       83.7         115.0       13.08       125.0       1537       39.98       0.722       44.1       83.5 <tr< td=""><td>Special Points</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>   | Special Points |                |                |                  |            |              |             |            |             |               |
| 115.0       4.46       254.7       171       9.08       0.191       56.1       49.6         333       HP       115.0       5.07       382.2       1752       15.96       0.331       65.0       65.6         3.0       CAPT       115.0       5.10       387.2       1751       16.20       0.338       65.1       66.0         3.02-FT       115.0       5.68       470.2       1739       20.09       0.416       66.0       72.2         3.02-FT       115.0       6.01       511.1       1738       20.30       0.420       66.0       72.2         3.02-FT       115.0       6.01       511.1       1731       21.90       0.451       65.9       73.9         25       RPM       115.0       6.26       543.3       1725       23.30       0.479       65.7       75.4         115.0       7.59       705.7       1695       29.63       0.598       63.2       83.9         115.0       11.16       1079.2       1601       39.06       0.747       46.8       83.7         115.0       13.54       123.84       191.3       1561       40.20       0.747       46.8       83.1   |                |                |                |                  |            |              |             |            |             |               |
| 115.0       4.94       360.7       1755       14.69       0.311       64.3       63.5         2 0Z-FT       115.0       5.07       382.2       1752       15.96       0.333       65.0       65.6         .2 0Z-FT       115.0       5.10       387.2       1751       16.20       0.333       65.0       65.6         .3 0Z-FT       115.0       5.72       475.1       1738       20.30       0.420       66.0       72.2         .9 0Z-FT       115.0       6.26       543.3       1725       23.30       0.479       65.7       75.4         25 RPM       115.0       6.26       543.3       1718       24.98       0.591       63.2       80.9         115.0       7.59       705.7       1695       29.63       0.598       63.2       80.9         115.0       9.92       957.1       1636       36.87       0.718       56.0       83.7         115.0       13.08       1255.0       1554       40.57       0.742       44.1       83.5         115.0       13.64       1294.5       1517       39.98       0.722       41.6       83.1         115.0       13.54       1294.5   |                |                |                |                  |            |              |             |            |             |               |
| 1.2       0Z-FT       115.0       5.10       387.2       1751       16.20       0.338       65.1       66.0         3.3       0Z-FT       115.0       5.72       475.1       1739       20.09       0.416       66.0       71.9         3.9       0Z-FT       115.0       6.01       5111       1738       20.30       0.420       66.0       72.2         25       RPM       115.0       6.26       543.3       1725       23.30       0.479       65.7       75.4         115.0       7.59       705.7       1695       29.63       0.598       63.2       80.9         115.0       9.92       957.1       1636       36.87       0.718       56.0       83.9         115.0       113.60       12.38       1191.3       1561       40.20       0.747       46.8       83.7         115.0       13.08       1294.5       1517       39.98       0.722       41.6       83.1         115.0       13.54       1294.5       1517       39.98       0.742       44.6       83.1         115.0       13.54       1294.5       1517       39.947       0.691       37.3       82.3 <t< td=""><td></td><td>115.0</td><td>4.94</td><td>360.7</td><td>1755</td><td>14.89</td><td>0.311</td><td>64.3</td><td>63.5</td><td></td></t<>  |                | 115.0          | 4.94           | 360.7            | 1755       | 14.89        | 0.311       | 64.3       | 63.5        |               |
| 115.0       5.68       470.2       1739       20.09       0.416       66.0       71.9         .9 OZ-FT       115.0       6.01       511.1       1738       20.30       0.420       66.0       72.2         25 RPM       115.0       6.01       511.1       1738       20.30       0.451       65.9       73.9         25 RPM       115.0       6.56       582.7       1725       23.30       0.479       65.7       77.5         115.0       7.59       75.7       1655       29.63       0.598       63.2       80.9         115.0       7.59       97.1       1636       36.69       0.669       60.2       81.9         115.0       11.16       1079.2       1601       39.06       0.744       51.5       84.1         115.0       13.08       1255.0       1535       40.57       0.742       44.1       83.5         115.0       13.54       1294.5       1517       39.98       0.722       41.6       83.1         115.0       13.54       1294.5       1517       39.998       0.722       41.6       83.1         115.0       14.61       1326.6       1470       39.47       0.642  |                |                |                |                  |            |              |             |            |             |               |
| 1.3       02-FT       115.0       5.72       475.1       1738       20.30       0.420       66.0       72.2         9.02-FT       115.0       6.26       543.3       1725       23.30       0.479       65.7       75.4         115.0       6.56       582.7       1718       24.98       0.511       65.4       77.3         115.0       7.59       705.7       1695       29.63       0.598       63.2       80.9         115.0       8.69       829.6       1669       33.69       0.669       60.2       83.0         115.0       11.16       1079.2       1601       39.06       0.745       51.5       84.1         115.0       12.38       1191.3       1561       40.20       0.747       46.8       83.7         115.0       13.54       1294.5       1517       39.98       0.722       41.6       83.1         115.0       13.54       1294.5       1517       39.47       0.691       37.3       82.3         115.0       14.61       1382.6       1470       39.47       0.691       37.3       82.3         115.0       17.91       1623.0       125.9       0.530       25.0 </td <td>6.2 OZ-FT</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>  | 6.2 OZ-FT      |                |                |                  |            |              |             |            |             |               |
| 25         RPM         115.0         6.26         543.3         1725         23.30         0.479         65.7         75.4           115.0         7.59         705.7         1718         24.98         0.511         65.7         77.3           115.0         7.59         705.7         1695         29.63         0.598         63.2         80.9           115.0         8.69         829.6         1669         33.69         0.669         60.2         83.9           115.0         9.92         957.1         1636         36.87         0.718         51.5         84.1           115.0         11.16         1079.2         1601         39.06         0.745         51.5         84.1           115.0         13.08         1255.0         1535         40.57         0.742         44.1         83.5           115.0         13.08         1255.0         1535         40.57         0.742         44.1         83.5           115.0         13.61         1382.6         1470         39.47         0.691         37.3         82.3           115.0         14.61         1382.6         1470         39.47         0.691         37.3         82.3   | 0.3 OZ-FT      |                |                |                  |            |              |             |            |             |               |
| $ \mathbf{r} \ \mathbf{02-FT} \qquad \begin{array}{ccccccccccccccccccccccccccccccccccc$  |                |                |                |                  |            | 21.90        |             |            |             |               |
| $ \mathbf{r} \ \mathbf{02-Fr} \ \begin{array}{ccccccccccccccccccccccccccccccccccc$   | 725 RPM        |                |                |                  |            |              |             |            |             |               |
| $\mathbf{r} \ \mathbf{oz-Fr} \qquad \begin{array}{ccccccccccccccccccccccccccccccccccc$   |                |                |                |                  |            |              |             |            |             |               |
| $ \mathbf{r} \ \mathbf{02-FT} $ $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$   |                |                | 8.69           | 829.6            |            | 33.69        | 0.669       |            | 83.0        |               |
| Instant         Instant <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  |                |                |                |                  |            |              |             |            |             |               |
| r         0Z-FT         115.0         13.08         1255.0         1535         40.57         0.742         44.1         83.5           115.0         13.54         1294.5         1517         39.98         0.722         41.6         83.1           115.0         14.61         1382.6         1470         39.47         0.691         37.3         82.3           115.0         15.59         1461.2         1419         38.02         0.642         32.8         81.5           115.0         16.45         1524.7         1366         36.18         0.588         28.8         80.6           115.0         17.22         1577.9         1310         33.95         0.530         25.0         79.7           115.0         17.91         1623.0         1252         31.50         0.469         21.6         78.8           115.0         19.07         1695.4         1124         26.24         0.351         15.5         77.3           115.0         20.02         1745.4         978         20.64         0.240         10.3         75.8           115.0         20.42         1765.1         898         17.84         0.191         8.1         75.2     <   |                |                |                |                  |            |              |             |            |             |               |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$  | BDT OZ-FT      |                |                |                  |            |              | 0.742       |            |             |               |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$   |                |                |                |                  |            |              |             |            |             |               |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$   |                |                |                |                  |            |              |             |            |             |               |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$  |                | 115.0          | 16.45          | 1524.7           | 1366       | 36.18        | 0.588       | 28.8       | 80.6        |               |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |                |                |                |                  |            |              |             |            |             |               |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |                |                |                |                  |            |              |             |            |             |               |
| 115.020.021745.497820.640.24010.375.8115.020.421765.189817.840.1918.175.2115.020.781782.681115.010.1456.174.6115.021.091795.271911.900.1024.274.0115.021.351805.26198.850.0652.773.5115.021.691811.25166.570.0401.773.1115.021.691817.94044.060.0200.872.9115.021.791820.52861.950.0070.372.6115.021.841821.01610.210.0000.072.5   |                |                |                |                  |            |              |             | 15.5       | 77.3        |               |
| 115.020.421765.189817.840.1918.175.2115.020.781782.681115.010.1456.174.6115.021.091795.271911.900.1024.274.0115.021.351805.26198.850.0652.773.5115.021.531811.25166.570.0401.773.1115.021.691817.94044.060.0200.872.9115.021.791820.52861.950.0070.372.6115.021.841821.01610.210.0000.072.5  |                |                |                |                  |            |              |             |            |             |               |
| 115.020.781782.681115.010.1456.174.6115.021.091795.271911.900.1024.274.0115.021.351805.26198.850.0652.773.5115.021.531811.25166.570.0401.773.1115.021.691817.94044.060.0200.872.9115.021.791820.52861.950.0070.372.6115.021.841821.01610.210.0000.072.5  |                |                |                |                  |            |              |             |            |             |               |
| 115.021.351805.26198.850.0652.773.5115.021.531811.25166.570.0401.773.1115.021.691817.94044.060.0200.872.9115.021.791820.52861.950.0070.372.6115.021.841821.01610.210.0000.072.5  |                | 115.0          | 20.78          | 1782.6           | 811        | 15.01        | 0.145       | 6.1        | 74.6        |               |
| 115.021.531811.25166.570.0401.773.1115.021.691817.94044.060.0200.872.9115.021.791820.52861.950.0070.372.6115.021.841821.01610.210.0000.072.5   |                |                |                |                  |            |              |             |            |             |               |
| 115.021.691817.94044.060.0200.872.9115.021.791820.52861.950.0070.372.6115.021.841821.01610.210.0000.072.5  |                |                |                |                  |            |              |             |            |             |               |
| 115.021.791820.52861.950.0070.372.6115.021.841821.01610.210.0000.072.5   |                | 115.0          |                | 1817.9           |            | 4.06         |             | 0.8        | 72.9        |               |
|  |                |                |                | 1820.5           |            |              |             |            | 72.6        |               |
|  |                | 115.0<br>115.0 | 21.84<br>21.85 | 1821.0<br>1823.4 | 161<br>35  | 0.21<br>0.76 | 0.000       | 0.0        | 72.5        |               |

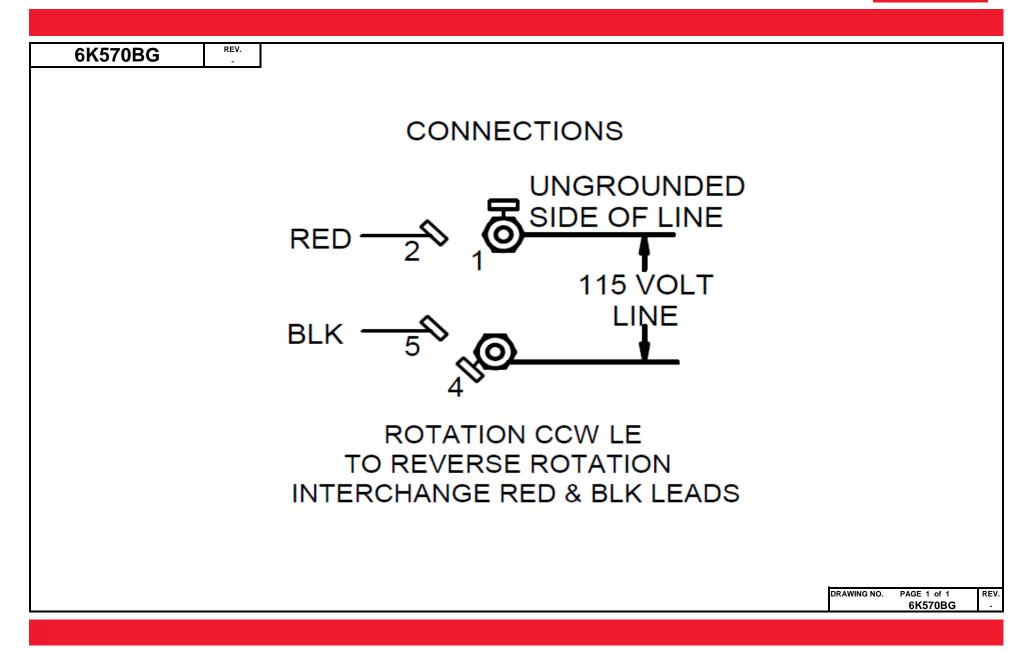
### Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

## **Performance Data**









Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

