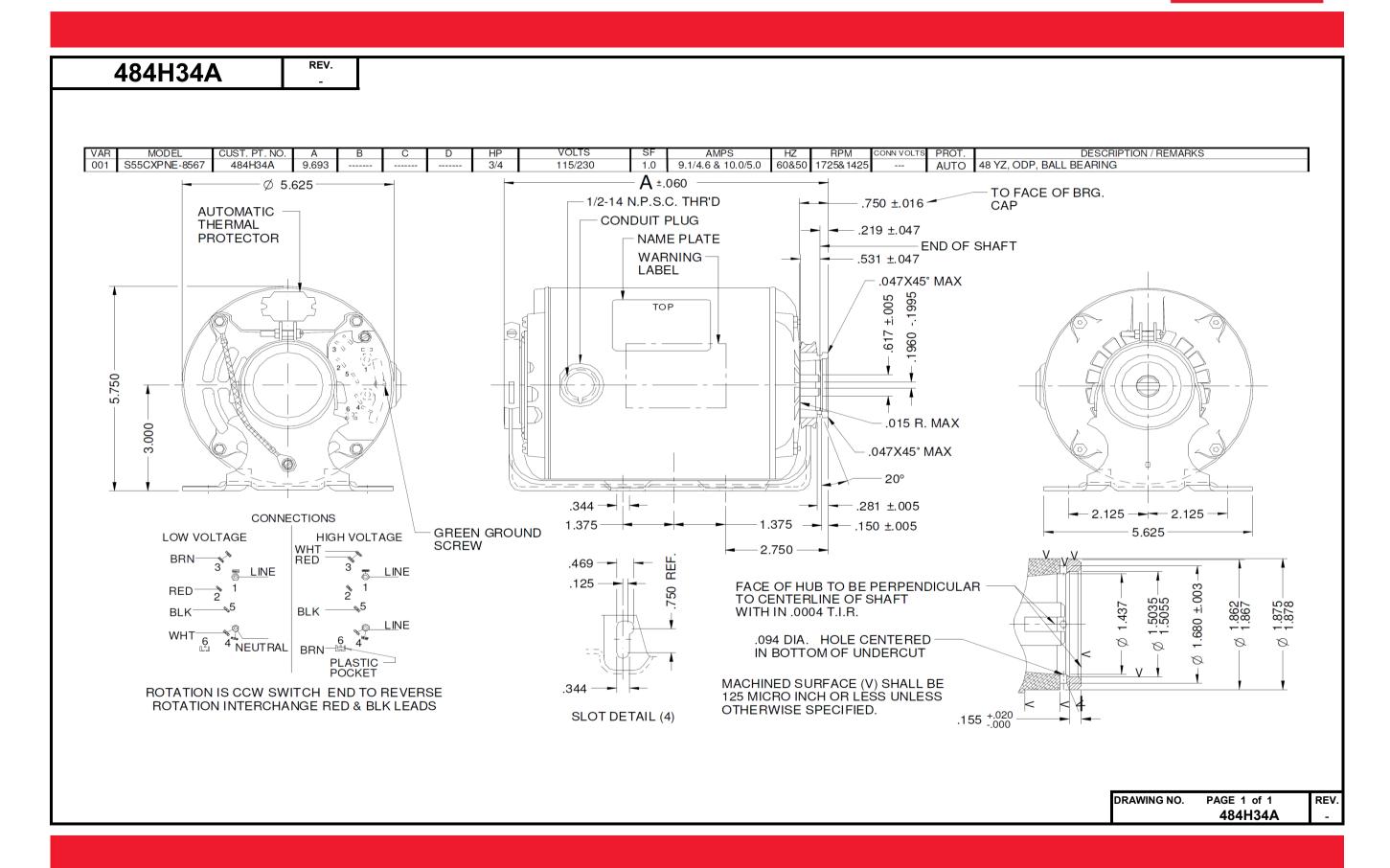
# **Dimensional Drawing**







REV. 484H34A **SPLIT-PHASE & CAPACITOR START MOTOR PERFORMANCE** Poles: 4 Ambient (°C) 40 Altitude (FASL) Note - if two-speed, complete lower portion No. of Speeds: form for low speed 115/230 Volts: 115 230 115 230 60/50 HZ: 60 50 50 60 Service Factor: 69.6 Efficiency: @ Rated Load 71.4 72 70.5 **Power Factor:** @ Rated Load 74.8 73.5 70 68.9 @ No Load 2.528 5.047 6.786 3.435 Amps: @ Rated Load 9.11 4.6 10 5.01 @ Service Factor @ Locked Rotor 51.05 24.32 53.88 26.4 RPM: @ Rated Load 1725 1714 1430 1429 Breakdown 68.36 69.16 93.51 94.01 Locked Rotor 37.58 35.12 51.94 46.71 Oz.Ft. / Lb.In. Pull-Up 34.03 32.77 35.2 44.62 (Circle One) Rated Load 36.75 36.77 44.07 44.09 Service Factor Watts: @ Rated Load 793 **KVA Code:** @ Rated Load 50.5 72.5 72.4 Temperature Rise: @ Service Factor **Thermal Protector:** Trip Temp (°C) 124.9 136.8 124.4 137.9 Start (Auxiliary) Winding Material: Run (Main) Cu Start (MFD / Volts) N/A Capacitor(s): No. of Start Capacitors N/A Run (MFD / Volts) No. of Run Capacitors N/A LOW SPEED PERFORMANCE DATA: HP: Poles: 230 230 Volts: 115 115 HZ: 60 60 50 50 Efficiency: @ Rated Load Power Factor: @ Rated Load @ No Load Amps: @ Rated Load @ Service Factor @ Locked Rotor **Torques:** Breakdown Locked Rotor Oz.Ft. / Lb.In. Pull-Up (Circle One) Rated Load Service Factor Watts: @ Rated Load Temperature Rise: @ Service Factor

484H34A -

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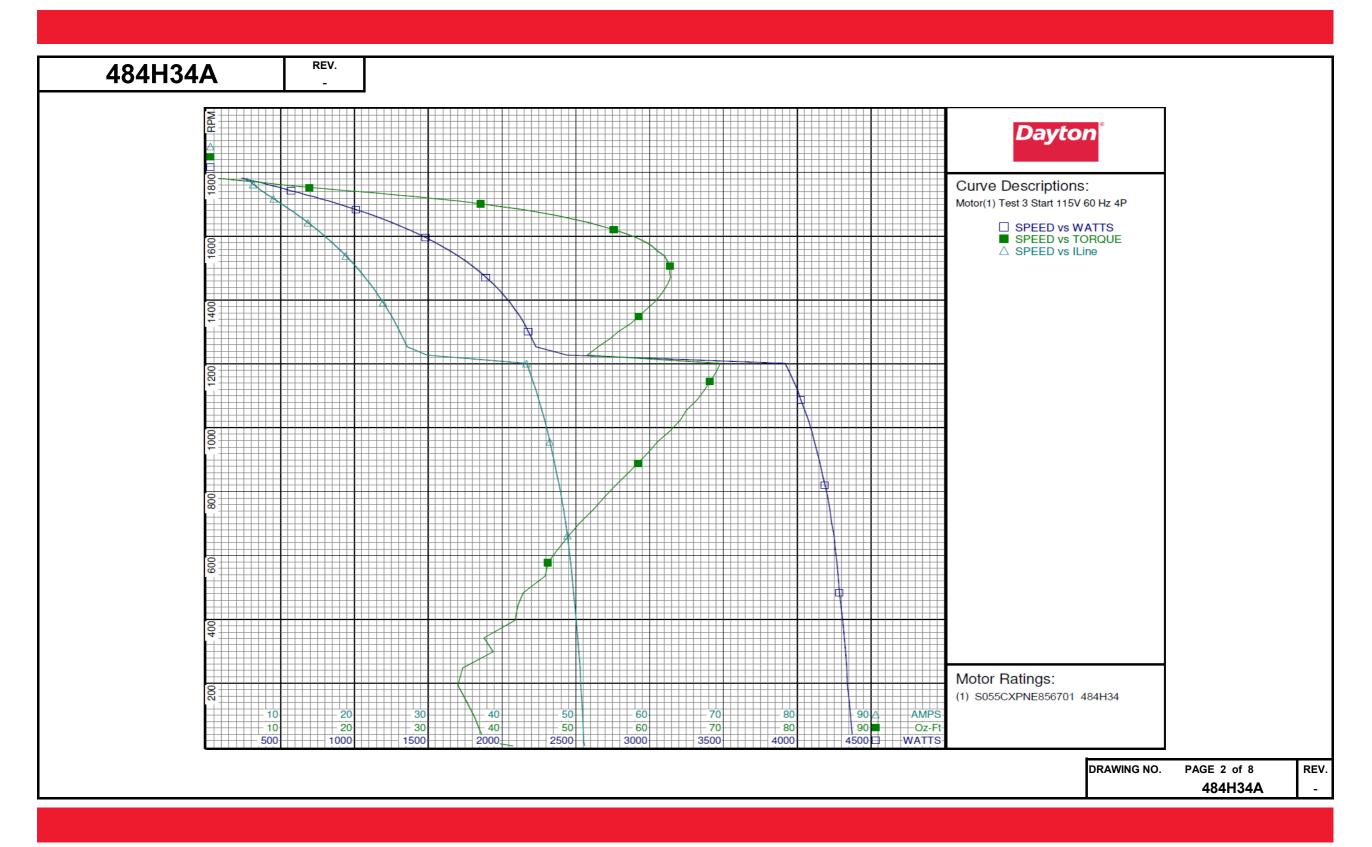
REV.

DRAWING NO.



|                |                |                |              | Da           | yton Ma        | nufactu        | ring Cor     | npany        |               |                |           |
|----------------|----------------|----------------|--------------|--------------|----------------|----------------|--------------|--------------|---------------|----------------|-----------|
| Motor Des      | cription       |                |              |              |                | Test Con       | ditions      |              |               |                |           |
| Model:         |                | 856701 484H    | 134          | Test Type:   | Start          |                |              | Run Cap:     |               |                |           |
| Motor ID:      | 1 of 1         |                |              | Test Numbe   |                |                | Start C      | •            | 0<br>0μfd     |                |           |
| Poles:         | 1 01 1         |                |              | Poles:       | 1. 3           |                |              | nment:       | 24.0 Deg C    | 11 % <b>DU</b> | 062 hPa   |
|                | 115/220        |                |              |              | 115            |                |              |              |               |                |           |
| Volts:         | 115/230        |                |              | Volts:       | 115            |                | Tested       |              | 5/12/2017 2   |                |           |
| Frequency:     | 60&50          |                |              | Hz:          | 60             |                | Tested       |              | Bribiesca, G  | riselda        |           |
| HP:            | 3/4            |                |              | Rotation:    |                |                | Gear R       | latio:       | 1:1           |                |           |
| Speed:         | 1725&1425      |                |              | Special Con  | d:             |                | Bearin       | g Friction:  | -5.81 Oz-Ft   |                |           |
| Phase:         | 1              |                |              | Speed Conn   |                |                |              |              | : -6.39 Oz-Ft |                |           |
| Protector:     | СЕЈ66НО        |                |              | TestBoard:   |                | Line Three     | Phase #2 F   |              |               |                |           |
| Special Points | Vline(V)       | Iline(A)       | Watts        | RPM          | Tq(Oz-ft)      | HP             | Eff(%)       | PF(%)        |               |                |           |
|                | 115.0          | 51.05          | 4375         | 18           | 37.58          | 0.008          | 0.1          | 74.5         |               |                |           |
| PUT OZ-FT      | 115.0          | 50.66          | 4340         | 193          | 34.03          | 0.078          | 1.3          | 74.5         |               |                |           |
|                | 115.0          | 50.66          | 4340         | 193          | 34.03          | 0.078          | 1.3          | 74.5         |               |                |           |
|                | 115.0<br>115.0 | 50.26<br>49.68 | 4318         | 341          | 37.54<br>42.86 | 0.152<br>0.246 | 2.6          | 74.7         |               |                |           |
|                | 115.0          | 49.08          | 4285<br>4257 | 483<br>621   | 47.61          | 0.352          | 4.3<br>6.2   | 75.0<br>75.4 |               |                |           |
|                | 115.0          | 48.34          | 4221         | 743          | 52.38          | 0.464          | 8.2          | 75.9         |               |                |           |
|                | 115.0          | 47.48          | 4173         | 847          | 56.62          | 0.571          | 10.2         | 76.4         |               |                |           |
|                | 115.0          | 46.48          | 4116         | 956          | 61.08          | 0.695          | 12.6         | 77.0         |               |                |           |
|                | 115.0          | 45.40          | 4051         | 1054         | 64.94          | 0.815          | 15.0         | 77.6         |               |                |           |
|                | 115.0          | 44.18          | 3974         | 1145         | 68.19          | 0.930          | 17.5         | 78.2         |               |                |           |
|                | 115.0          | 29.83          | 2440         | 1227         | 51.53          | 0.753          | 23.0         | 71.1         |               |                |           |
|                | 115.0<br>115.0 | 26.14<br>24.49 | 2178<br>2088 | 1301<br>1369 | 55.76<br>59.48 | 0.864          | 29.6<br>34.6 | 72.4<br>74.1 |               |                |           |
|                | 115.0          | 22.76          | 1982         | 1431         | 61.94          | 1.055          | 39.7         | 75.7         |               |                |           |
|                | 115.0          | 20.85          | 1851         | 1488         | 62.72          | 1.111          | 44.8         | 77.2         |               |                |           |
|                | 115.0          | 18.84          | 1700         | 1538         | 62.00          | 1.135          | 49.8         | 78.5         |               |                |           |
|                | 115.0          | 16.94          | 1545         | 1581         | 59.51          | 1.120          | 54.1         | 79.3         |               |                |           |
|                | 115.0          | 14.93          | 1369         | 1620         | 55.17          | 1.064          | 58.0         | 79.7         |               |                |           |
|                | 115.0          | 13.00          | 1187         | 1655         | 49.35          | 0.972          | 61.1         | 79.4         |               |                |           |
|                | 115.0          | 11.22          | 1009         | 1683         | 42.81          | 0.858          | 63.4         | 78.2         |               |                |           |
|                | 115.0<br>115.0 | 9.58<br>8.21   | 832<br>671   | 1709<br>1730 | 34.33<br>25.49 | 0.699<br>0.525 | 62.6<br>58.4 | 75.5<br>71.1 |               |                |           |
|                | 115.0          | 7.12           | 533          | 1747         | 16.75          | 0.348          | 48.7         | 65.1         |               |                |           |
|                | 115.0          | 6.28           | 407          | 1762         | 9.68           | 0.203          | 37.2         | 56.5         |               |                |           |
|                | 115.0          | 5.74           | 302          | 1774         | 4.82           | 0.102          | 25.2         | 45.8         |               |                |           |
|                | 115.0          | 5.39           | 236          | 1782         | 0.00           | 0.000          | 0.0          | 38.1         |               |                |           |
|                |                |                |              |              |                |                |              |              | Ī             | DRAWING NO.    | PAGE 1 of |

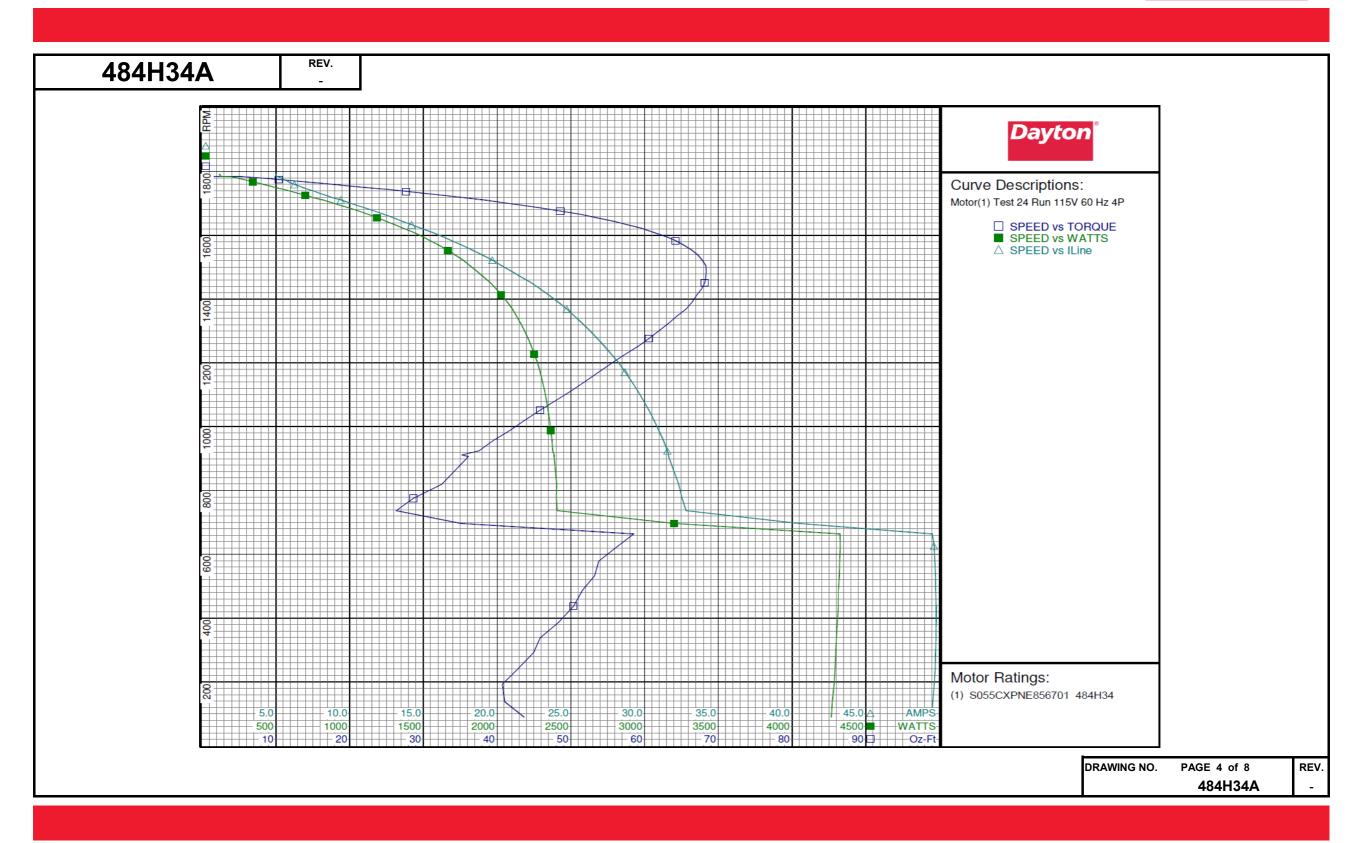






| 484H34A  | REV.<br>-   |               |  |                |                 |  |                |  |              |                         |  |  |
|--|---|---------------|--|----------------|-----------------|--|----------------|--|--------------|-------------------------|--|--|
|  |   |               |  | Dayt           | on M            | anufactui  | ring Co        | mpany  |              |                         |  |  |
| Motor Desc   | cription  |               |  |                | Test Conditions |  |                |  |              |                         |  |  |
| Model: Motor ID: Poles: Volts: Frequency: HP: Speed: Phase: Protector: | S055CXPNE856701 484H34<br>1 of 1<br>4<br>115/230<br>60&50<br>3/4<br>1725&1425<br>1<br>CEJ66HO |               | Test Type: Test Number: Poles: Volts: Hz: Rotation: Special Cond: Speed Conn: TestBoard: | 4<br>115<br>60 |                 | Run Cap: Start Cap: Environment: Tested: Tested By: Gear Ratio: Bearing Friction: Windage Torque |                | 10/13/2017<br>Bribiesca, C<br>1:1<br>-0.96 Oz-Ft | t            |                         |  |  |
| Special Points   | Vline(V)  | Vaux (V)      | Iline(A)   | Watts          | RPM             | Tq(Oz-ft)  | HP             | Eff(%)   | PF (%)       |                         |  |  |
| _  | 115.0   | 88.6          | 5.03   | 115            | 1792            | 0.00   | 0.000          | 0.0  | 19.9         |                         |  |  |
|  | 115.0   | 88.7          | 5.02   | 122            | 1787            | 0.46   | 0.010          | 6.0  | 21.2         |                         |  |  |
|  | 115.0   | 87.8          | 5.26   | 220            | 1781            | 6.93   | 0.147          | 49.9   | 36.4         |                         |  |  |
|  | 115.0<br>115.0  | 86.8<br>86.0  | 5.72<br>6.26   | 312<br>417     | 1771<br>1759    | 12.09<br>17.87   | 0.255<br>0.374 | 61.0<br>67.0                                     | 47.4<br>57.9 |                         |  |  |
|  | 115.0   | 84.5          | 7.21   | 554            | 1743            | 25.27  | 0.524          | 70.6   | 66.9         |                         |  |  |
|  | 115.0   | 82.5          | 8.41   | 701            | 1725            | 32.73  | 0.672          | 71.5   | 72.5         |                         |  |  |
| 0.75 HP  | 115.0   | 81.3          | 9.11   | 784            | 1715            | 36.75  | 0.750          | 71.4   | 74.8         |                         |  |  |
| 36.52 OZ-FT  | 115.0   | 81.4          | 9.06   | 778            | 1715            | 36.52  | 0.746          | 71.5   | 74.7         |                         |  |  |
|  | 115.0   | 80.0          | 9.90   | 873            | 1703            | 40.58  | 0.823          | 70.3   | 76.7         |                         |  |  |
|  | 115.0<br>115.0  | 76.6<br>73.0  | 11.70<br>13.54   | 1063<br>1244   | 1676<br>1644    | 48.60<br>55.73   | 0.970<br>1.091 | 68.0<br>65.4                                     | 79.0<br>79.9 |                         |  |  |
|  | 115.0   | 68.8          | 15.56  | 1429           | 1610            | 61.11  | 1.171          | 61.1   | 79.9         |                         |  |  |
|  | 115.0   | 64.2          | 17.60  | 1605           | 1569            | 65.31  | 1.220          | 56.7   | 79.3         |                         |  |  |
|  | 115.0   | 59.3          | 19.69  | 1769           | 1522            | 67.81  | 1.229          | 51.8   | 78.1         |                         |  |  |
| BDT OZ-FT  | 115.0   | 56.0          | 20.99  | 1864           | 1487            | 68.36  | 1.210          | 48.4   | 77.2         |                         |  |  |
|  | 115.0   | 54.6          | 21.57  | 1904           | 1471            | 68.29  | 1.196          | 46.9   | 76.8         |                         |  |  |
|  | 115.0<br>115.0  | 49.5<br>44.6  | 23.45<br>25.24   | 2028<br>2131   | 1414<br>1346    | 67.14<br>64.37   | 1.130<br>1.032 | 41.6<br>36.1                                     | 75.2<br>73.4 |                         |  |  |
|  | 115.0   | 39.9          | 26.79  | 2210           | 1277            | 60.62  | 0.922          | 31.1   | 71.7         |                         |  |  |
|  | 115.0   | 35.3          | 28.24  | 2273           | 1201            | 55.65  | 0.796          | 26.1   | 70.0         |                         |  |  |
|  | 115.0   | 31.0          | 29.52  | 2321           | 1113            | 50.07  | 0.663          | 21.3   | 68.4         |                         |  |  |
|  | 115.0   | 26.8          | 30.64  | 2355           | 1020            | 43.75  | 0.531          | 16.8   | 66.8         |                         |  |  |
|  | 115.0   | 23.2          | 31.55  | 2377           | 924             | 37.54  | 0.413          | 13.0   | 65.5         |                         |  |  |
|  | 115.0   | 19.7          | 32.32  | 2403           | 819             | 32.48  | 0.317          | 9.8  | 64.7         |                         |  |  |
|  | 115.0<br>115.0  | 73.4<br>112.2 | 40.46<br>49.68   | 3201<br>4323   | 696<br>578      | 35.10<br>53.79   | 0.291<br>0.370 | 6.8<br>6.4                                       | 68.8<br>75.7 |                         |  |  |
|  | 115.0   | 112.2         | 49.76  | 4313           | 437             | 50.36  | 0.262          | 4.5  | 75.4         |                         |  |  |
|  | 115.0   | 112.2         | 49.73  | 4296           | 292             | 44.96  | 0.156          | 2.7  | 75.1         |                         |  |  |
|  | 115.0   | 112.1         | 49.54  | 4272           | 138             | 41.02  | 0.067          | 1.2  | 75.0         |                         |  |  |
|  |   |               |  |                |                 |  |                |  |              | DRAWING NO. PAGE 3 of 8 |  |  |
|  |   |               |  |                |                 |  |                |  |              |                         |  |  |

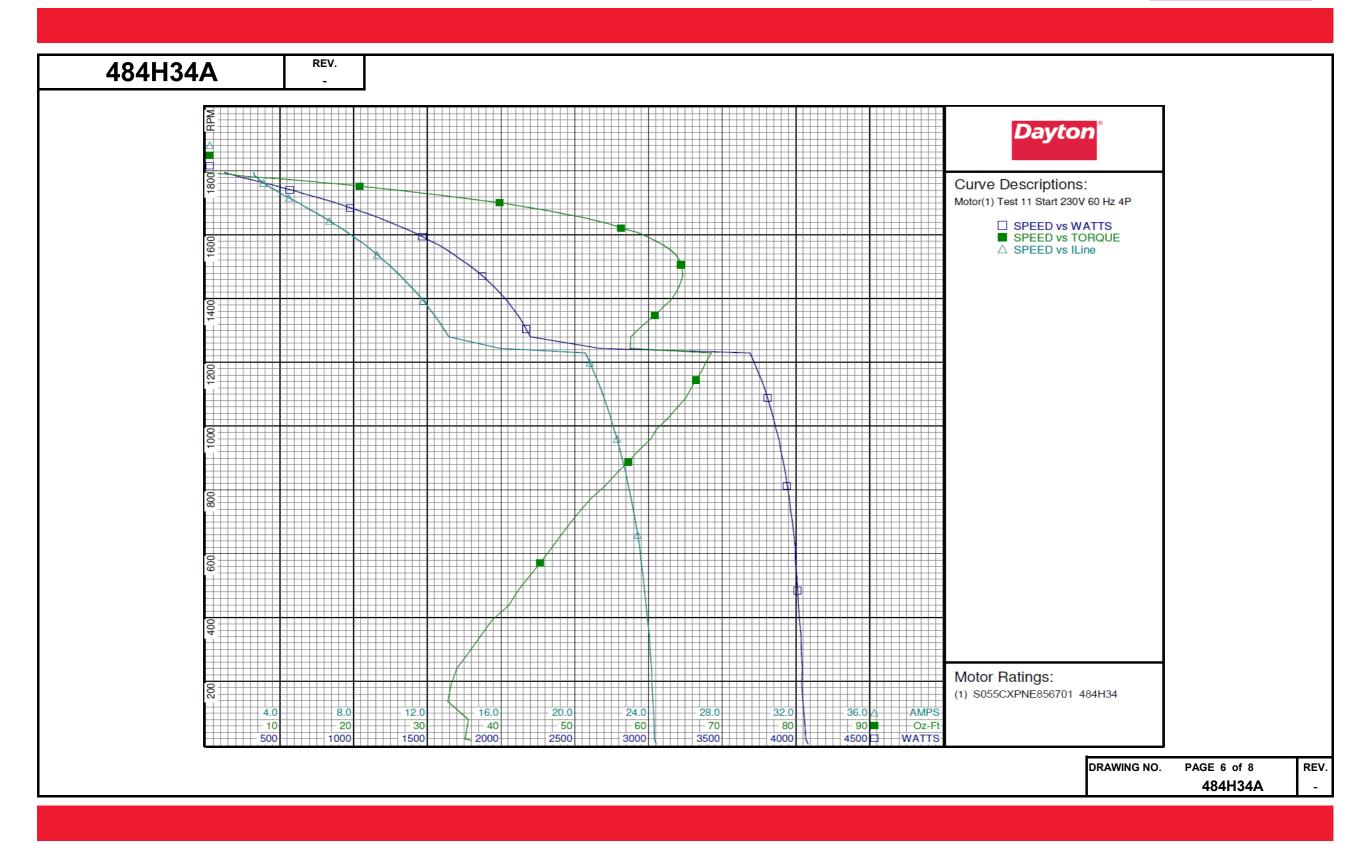






| 484H34A        | REV.              |            |            |                |              |                 |                |                |               |              |             |   |  |
|----------------|-------------------|------------|------------|----------------|--------------|-----------------|----------------|----------------|---------------|--------------|-------------|---|--|
|                |                   |            |            | Day            | ton Ma       | nufactu         | ıring Con      | npany          |               |              |             |   |  |
| Motor Des      | Motor Description |            |            |                |              | Test Conditions |                |                |               |              |             |   |  |
| Model:         | S055CXPNE         | 856701 484 | H34        | Test Type:     | Start        |                 | Run Ca         | p:             | 0             |              |             |   |  |
| Motor ID:      | 1 of 1            |            |            | Test Number:   |              |                 | Start Ca       | •              | 0μfd          |              |             |   |  |
| Poles:         | 4                 |            |            | Poles:         | 4            |                 | Enviror        | -              | •             | 48 % RH      | 061 hPa     |   |  |
| Volts:         | 115/230           |            |            | Volts:         | 230          |                 | Tested:        |                |               | 0:04:19 AM   | 701 III a   |   |  |
|                | 60&50             |            |            | Hz:            | 60           |                 | Tested.        |                |               |              |             |   |  |
| Frequency:     |                   |            |            |                | 00           |                 |                | •              | Bribiesca, C  | Hiseida      |             |   |  |
| HP:            | 3/4               |            |            | Rotation:      |              |                 | Gear Ra        |                | 1:1           |              |             |   |  |
| Speed:         | 1725&1425         |            |            | Special Cond:  |              |                 |                |                | -0.79 Oz-Ft   |              |             |   |  |
| Phase:         | 1                 |            |            | Speed Conn:    |              |                 |                |                | : -2.43 Oz-Ft |              |             |   |  |
| Protector:     | CEJ66HO           |            |            | TestBoard:     | CMD Inl      | Line Three      | Phase #2 Fix   | xture #1       |               |              |             |   |  |
| Special Points | Vline(V)          | Vaux (V)   | Vcap(V)    | Iline(A)       | Watts        | RPM             | Tq(Oz-ft)      | HP             | Eff(%)        | PF(%)        |             |   |  |
|                | 230.0             | 2.1        | 3.0        | 24.32          | 4066         | 18              | 35.12          | 0.008          | 0.1           | 72.7         |             |   |  |
| PUT OZ-FT      | 230.0             | 2.1        | 3.0        | 24.23          | 4046         | 136             | 32.77          | 0.053          | 1.0           | 72.6         |             |   |  |
|                | 230.0<br>230.0    | 2.1<br>2.1 | 3.0<br>3.0 | 24.18<br>24.04 | 4039<br>4034 | 189<br>344      | 33.21<br>37.28 | 0.075<br>0.153 | 1.4           | 72.6<br>73.0 |             |   |  |
|                | 230.0             | 2.1        | 3.1        | 23.78          | 4011         | 484             | 42.31          | 0.244          | 4.5           | 73.3         |             |   |  |
|                | 230.0             | 2.1        | 3.1        | 23.53          | 3995         | 617             | 46.84          | 0.344          | 6.4           | 73.8         |             |   |  |
|                | 230.0             | 2.1        | 3.1        | 23.17          | 3963         | 737             | 50.82          | 0.446          | 8.4           | 74.4         |             |   |  |
|                | 230.0             | 2.1        | 3.1        | 22.76          | 3928         | 854             | 55.77          | 0.567          | 10.8          | 75.0         |             |   |  |
|                | 230.0<br>230.0    | 2.1<br>2.1 | 3.1<br>3.1 | 22.29<br>21.78 | 3884<br>3828 | 960<br>1055     | 60.32<br>63.76 | 0.689          | 13.2<br>15.6  | 75.7<br>76.4 |             |   |  |
|                | 230.0             | 2.1        | 3.1        | 21.22          | 3766         | 1145            | 66.45          | 0.905          | 17.9          | 77.2         |             |   |  |
|                | 230.0             | 2.1        | 3.1        | 20.57          | 3687         | 1229            | 68.53          | 1.003          | 20.3          | 77.9         |             |   |  |
|                | 230.0             | 2.1        | 3.1        | 12.89          | 2170         | 1304            | 58.66          | 0.911          | 31.3          | 73.2         |             |   |  |
|                | 230.0             | 2.1        | 3.1        | 12.08          | 2077         | 1370            | 61.87          | 1.009          | 36.3          | 74.8         |             |   |  |
|                | 230.0<br>230.0    | 2.0        | 3.1<br>3.1 | 11.17<br>10.22 | 1961<br>1827 | 1433<br>1488    | 64.05<br>64.58 | 1.093          | 41.6<br>46.7  | 76.3<br>77.7 |             |   |  |
|                | 230.0             | 2.0        | 3.1        | 9.28           | 1682         | 1537            | 63.70          | 1.144          | 51.7          | 78.8         |             |   |  |
|                | 230.0             | 2.0        | 3.2        | 8.26           | 1510         | 1582            | 60.74          | 1.144          | 56.5          | 79.5         |             |   |  |
|                | 230.0             | 2.0        | 3.2        | 7.30           | 1340         | 1621            | 56.29          | 1.086          | 60.5          | 79.8         |             |   |  |
|                | 230.0             | 1.9        | 3.2        | 6.38           | 1163         | 1654            | 51.08          | 1.006          | 64.5          | 79.3         |             |   |  |
|                | 230.0<br>230.0    | 1.9<br>1.9 | 3.2<br>3.2 | 5.47<br>4.68   | 980<br>808   | 1684<br>1709    | 44.14<br>36.57 | 0.885          | 67.4<br>68.7  | 77.9<br>75.0 |             |   |  |
|                | 230.0             | 1.9        | 3.2        | 4.03           | 650          | 1730            | 29.30          | 0.744          | 69.3          | 70.2         |             |   |  |
|                | 230.0             | 1.8        | 3.3        | 3.48           | 512          | 1748            | 22.47          | 0.468          | 68.2          | 63.8         |             |   |  |
|                | 230.0             | 1.8        | 3.3        | 3.11           | 391          | 1762            | 16.36          | 0.343          | 65.5          | 54.7         |             |   |  |
|                | 230.0             | 1.8        | 3.3        | 2.86           | 297          | 1773            | 10.91          | 0.230          | 57.9          | 45.1         |             |   |  |
|                | 230.0<br>230.0    | 1.7<br>1.7 | 3.3<br>3.3 | 2.68<br>2.60   | 219<br>170   | 1782<br>1789    | 5.75<br>3.36   | 0.122          | 41.6<br>31.4  | 35.4<br>28.4 |             |   |  |
|                | 230.0             | 1.6        | 3.4        | 2.58           | 128          | 1794            | 0.66           | 0.072          | 8.2           | 21.6         |             |   |  |
|                | 230.0             | 1.6        | 3.4        | 2.59           | 124          | 1796            | 0.00           | 0.000          | 0.0           | 20.8         |             |   |  |
|                |                   |            |            |                |              |                 |                |                |               | DRAWING NO.  | PAGE 5 of 8 | R |  |
|                |                   |            |            |                |              |                 |                |                |               |              | 484H34A     |   |  |

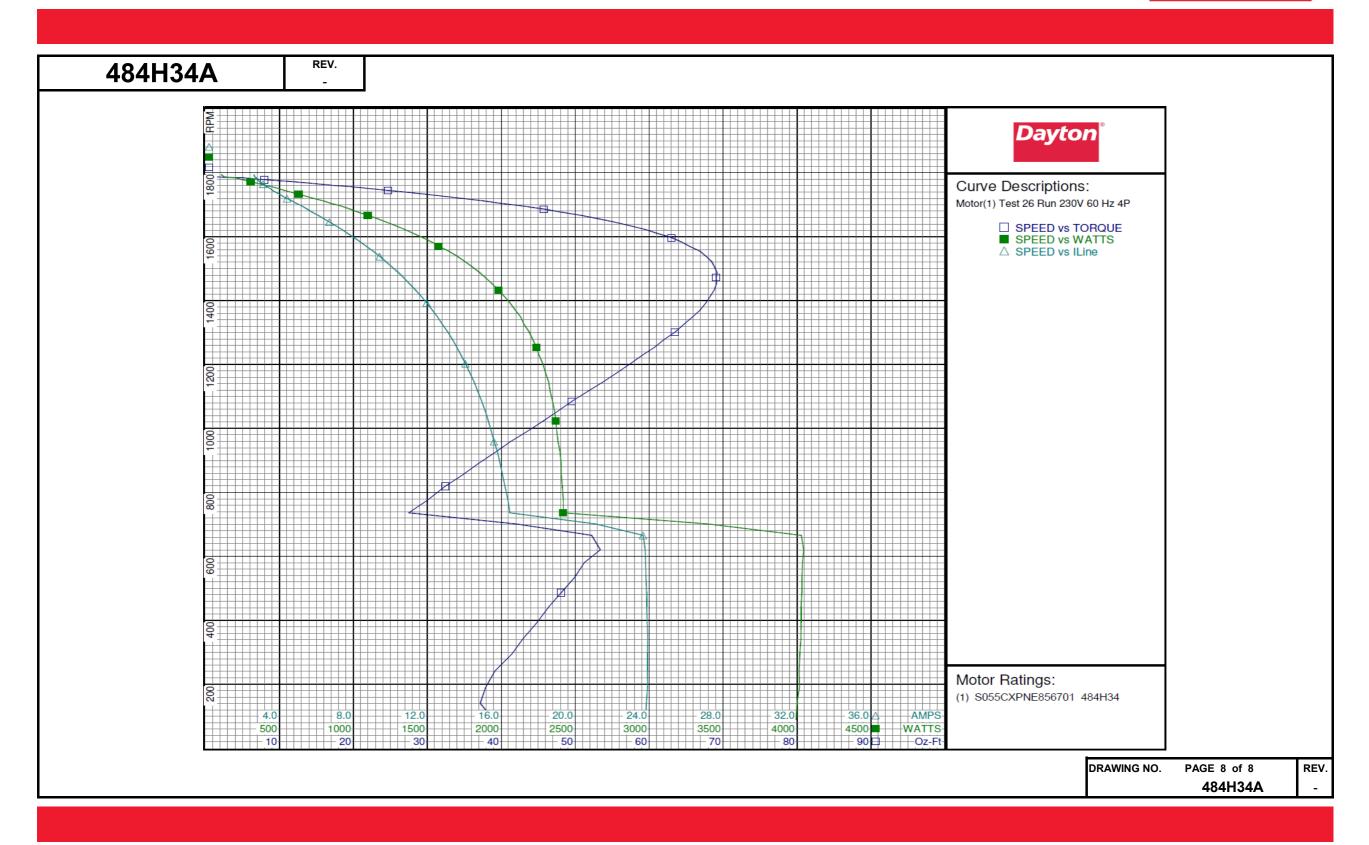






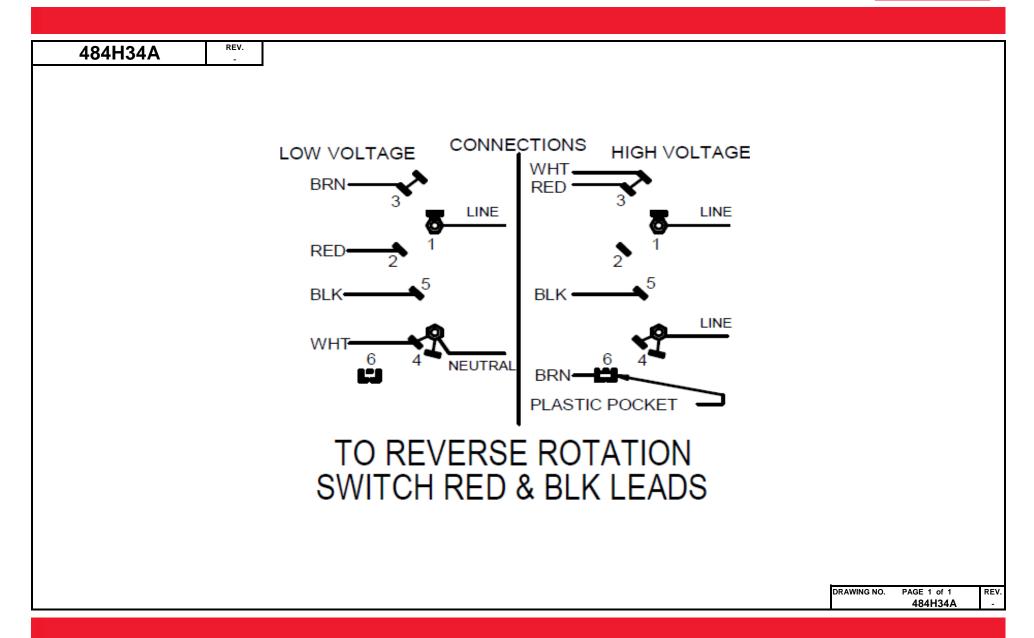
| 484H34A        | REV.           |                     |                     |                     |                |                     |                     |                    |                       |                     |                              |
|----------------|----------------|---------------------|---------------------|---------------------|----------------|---------------------|---------------------|--------------------|-----------------------|---------------------|------------------------------|
|                |                |                     |                     | Da                  | yton Ma        | nufactui            | ring Co             | mpany              |                       |                     |                              |
| Motor De       | scription      |                     |                     |                     |                | Test Cone           | ditions             |                    |                       |                     |                              |
| Model:         | S055CXPNE      | 856701 484          | 4H34                | Test Type:          | Run            |                     | Run C               | Cap:               | 0                     |                     |                              |
| Motor ID:      | 1 of 1         |                     | Test Numb           |                     |                | Start               | •                   | 0µfd               |                       |                     |                              |
| Poles:         |                |                     | Poles:              | 4                   |                |                     | onment:             |                    | C 44 % RH 968 hPa     |                     |                              |
| Volts:         | 115/230        |                     |                     | Volts:              | 230            |                     | Teste               |                    |                       | 11:59:54 AM         | oo m a                       |
|                | 60&50          |                     |                     | Hz:                 | 60             |                     | Teste               |                    | Bribiesca, G          |                     |                              |
| Frequency:     |                |                     |                     |                     | 00             |                     |                     |                    |                       | iliselua            |                              |
| HP:            | 3/4            |                     |                     | Rotation:           | . 1.           |                     |                     | Ratio:             | 1:1                   |                     |                              |
| Speed:         | 1725&1425      |                     |                     | Special Con         |                |                     |                     |                    | -0.83 Oz-Ft           |                     |                              |
| Phase:         | 1              |                     |                     | Speed Con           |                |                     |                     |                    | -1.71 Oz-Ft           |                     |                              |
| Protector:     | СЕЈ66НО        |                     |                     | TestBoard:          | CMD In         | Line Three P        | Phase #3 I          | Fixture #1         |                       |                     |                              |
| Special Points | Vline(V)       | Vaux (V)            | Iline(A)            | Imain(A)            | Iaux (A)       | Watts               | RPM                 | Tq(Oz-ft)          |                       | Eff(%)              | PF (%)                       |
|                | 230.0          | 88.8                | 2.63                | 2.66                | 0.493          | 107                 | 1793                | 0.00               | 0.000                 | 0.0                 | 17.7                         |
|                | 230.0<br>230.0 | 88.5<br>87.8        | 2.65<br>2.74        | 2.66<br>2.77        | 0.500<br>0.484 | 118<br>199          | 1790<br>1784        | 0.38<br>5.06       | 0.008<br>0.108        | 5.2<br>40.4         | 19.4<br>31.6                 |
|                | 230.0          | 87.5                | 2.86                | 2.88                | 0.484          | 281                 | 1775                | 9.80               | 0.207                 | 54.9                | 42.8                         |
|                | 230.0          | 86.4                | 3.12                | 3.17                | 0.507          | 374                 | 1764                | 15.47              | 0.325                 | 64.8                | 52.0                         |
|                | 230.0          | 85.0                | 3.51                | 3.54                | 0.520          | 500                 | 1749                | 22.48              | 0.468                 | 69.9                | 61.8                         |
|                | 230.0          | 83.4                | 4.01                | 4.05                | 0.536          | 629                 | 1732                | 29.78              | 0.614                 | 72.8                | 68.2                         |
| 0.75 HP        | 230.0          | 81.5                | 4.60                | 4.63                | 0.534          | 777                 | 1714                | 36.77              | 0.750                 | 72.0                | 73.5                         |
| 36.52 OZ-FT    | 230.0<br>230.0 | <b>81.6</b><br>81.3 | <b>4.57</b><br>4.69 | <b>4.62</b><br>4.71 | 0.535<br>0.531 | <b>771</b><br>800   | <b>1714</b><br>1711 | <b>36.52</b> 37.76 | <b>0.745</b><br>0.769 | <b>72.1</b><br>71.7 | 73.3                         |
|                | 230.0          | 78.4                | 5.49                | 5.50                | 0.558          | 976                 | 1686                | 45.73              | 0.918                 | 70.1                | 74.2<br>77.3                 |
|                | 230.0          | 74.8                | 6.40                | 6.43                | 0.557          | 1162                | 1656                | 53.05              | 1.046                 | 67.2                | 78.9                         |
|                | 230.0          | 70.9                | 7.37                | 7.39                | 0.581          | 1345                | 1622                | 59.43              | 1.148                 | 63.6                | 79.4                         |
|                | 230.0          | 66.4                | 8.38                | 8.40                | 0.583          | 1529                | 1583                | 64.38              | 1.213                 | 59.2                | 79.3                         |
| DDM 07 EM      | 230.0          | 61.6<br><b>56.8</b> | 9.43                | 9.45                | 0.591          | 1703<br><b>1852</b> | 1538<br><b>1488</b> | 67.69              | 1.239                 | 54.3                | 78.5                         |
| BDT OZ-FT      | 230.0<br>230.0 | 56.8                | 10.42<br>10.42      | 10.44<br>10.44      | 0.588<br>0.588 | 1852                | 1488                | <b>69.16</b> 69.16 | 1.225<br>1.225        | <b>49.3</b><br>49.3 | <b>77.2</b><br>77 <b>.</b> 2 |
|                | 230.0          | 51.9                | 11.35               | 11.39               | 0.608          | 1981                | 1433                | 68.80              | 1.174                 | 44.2                | 75.9                         |
|                | 230.0          | 46.9                | 12.27               | 12.32               | 0.583          | 2095                | 1370                | 66.87              | 1.091                 | 38.8                | 74.3                         |
|                | 230.0          | 42.1                | 13.11               | 13.15               | 0.606          | 2189                | 1302                | 63.51              | 0.984                 | 33.5                | 72.6                         |
|                | 230.0<br>230.0 | 37.7<br>33.2        | 13.82<br>14.53      | 13.87<br>14.54      | 0.611<br>0.614 | 2255<br>2320        | 1229<br>1145        | 59.10<br>53.74     | 0.865<br>0.733        | 28.6<br>23.6        | 70.9<br>69.4                 |
|                | 230.0          | 28.8                | 15.13               | 15.17               | 0.601          | 2361                | 1054                | 47.63              | 0.597                 | 18.9                | 67.8                         |
|                | 230.0          | 24.9                | 15.61               | 15.67               | 0.625          | 2384                | 958                 | 41.21              | 0.470                 | 14.7                | 66.4                         |
|                | 230.0          | 21.1                | 16.07               | 16.11               | 0.620          | 2406                | 852                 | 34.66              | 0.352                 | 10.9                | 65.1                         |
|                | 230.0          | 17.5                | 16.46               | 16.47               | 0.597          | 2419                | 736                 | 27.48              | 0.241                 | 7.4                 | 63.9                         |
|                | 230.0<br>230.0 | 100.7<br>100.3      | 23.78               | 23.85               | 0.701<br>0.662 | 4044                | 620<br>486          | 53.39<br>48.10     | 0.394<br>0.279        | 7.3<br>5.2          | 73.9                         |
|                | 230.0          | 99.9                | 23.86<br>23.92      | 23.92<br>23.98      | 0.656          | 4032<br>4025        | 341                 | 42.89              | 0.174                 | 3.2                 | 73.5<br>73.2                 |
|                | 230.0          | 99.6                | 23.91               | 23.96               | 0.663          | 4017                | 190                 | 37.88              | 0.085                 | 1.6                 | 73.0                         |
|                |                |                     |                     |                     |                |                     |                     |                    |                       | DRAWING NO.         | PAGE 7 of 8                  |
|                |                |                     |                     |                     |                |                     |                     |                    |                       |                     | 484H34A                      |





#### **Wiring Diagram**





#### Dayton® CARBONATOR PUMP **MOTOR**

HP: 3/4 VOLTS: 115/230

PH: 1

Part 484H34A Disconnect Power Before Making Any Electrical Connections or Changes

**AMPS:** 9.1/4.6 RPM: 1725&1425

**DUTY: CONT** 

KVA CODE: K

THERMALLY PROTECTED: AUTO MFG. NO. PROT. CODE: 00G31 AVG. F.L.

ENCL: ODP

SF: 1.0

**HZ**: 60&50 FR: 48Y7 INS CL: B

**AMB**: 40 °C

SFA: 9.1/4.6

NEUTRAL

LOW VOLTAGE

LINE

HIGH VOLTAGE

MTR REF: S55CXPNF-8567 FOR 50 HZ FLA 10.0/5.0 us

E37403

PLASTIC POCKET ROTATION IS CCW SWITCH FND TO REVERSE ROTATION INTERCHANGE RED & BLK LEADS

CONNECTIONS

LINE

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

Made in Mexico