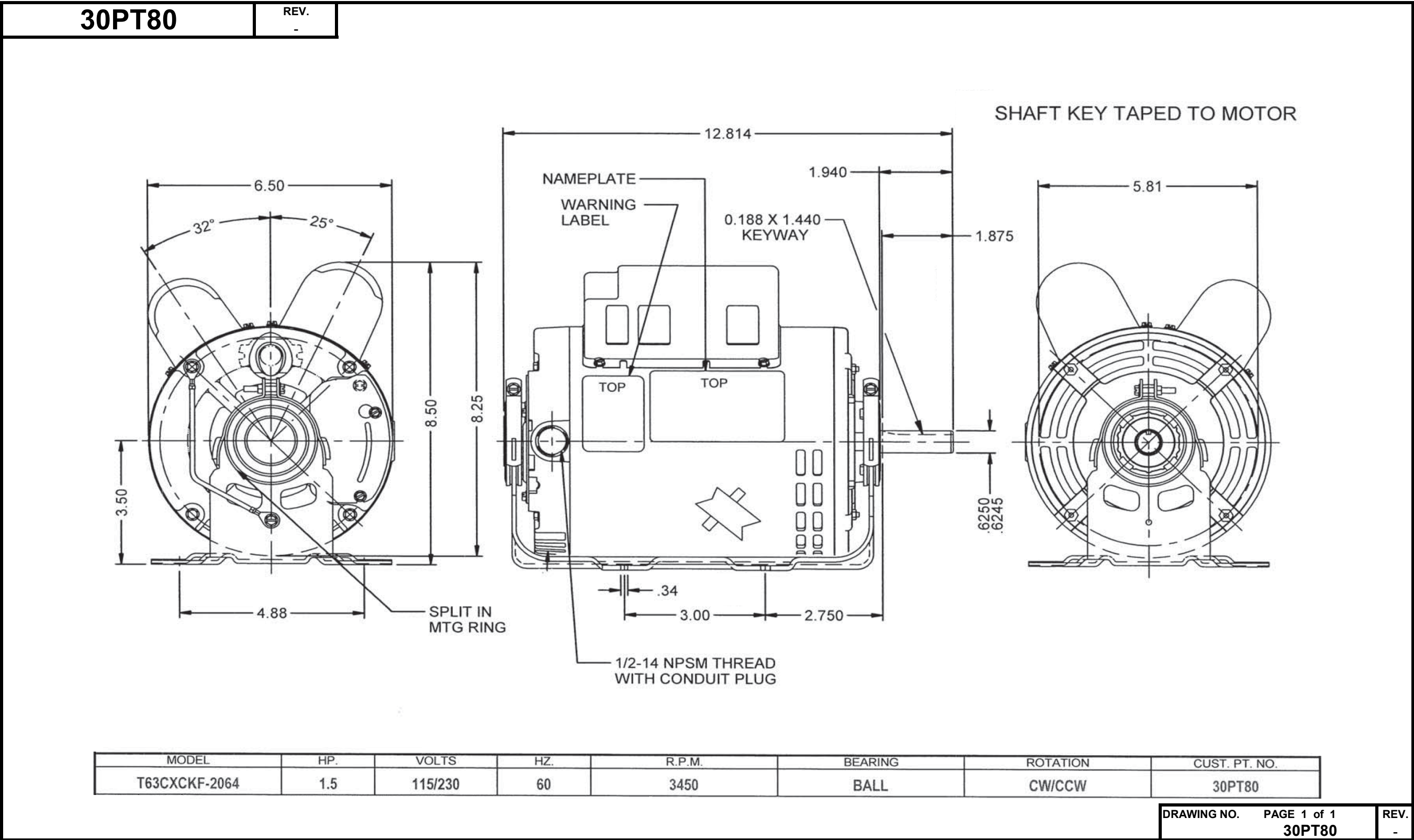


Dimensional Drawing



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

Performance Data



| 30PT80 | | REV. | |
|------------------------------------|-------------------------|--------------|-------|
| MOTOR PERFORMANCE | | | |
| HP: | 1 1/2 | | |
| Poles: | 2 | | |
| No. of Speeds: | 1 | | |
| Volts: | 115/230 | 115 | 230 |
| HZ: | 60 | 60 | 60 |
| Service Factor: | 1.15 | | |
| Efficiency: | @ Rated Load | 82.30 | 82.10 |
| Power Factor: | @ Rated Load | 97.30 | 96.80 |
| Amps: | @ No Load | | |
| | @ Rated Load | 12.15 | 6.12 |
| | @ Service Factor | #N/A | #N/A |
| | @ Locked Rotor | 69.88 | 35.79 |
| RPM: | @ Rated Load | 3488 | 3489 |
| Ambient (°C): | | | |
| Altitude (FASL): | | | |
| Torques: | Breakdown | 78.7 | 80.3 |
| | Locked Rotor | 78.72 | 73.07 |
| | Pull-Up | 75.59 | 72.22 |
| | Rated Load | 36.13 | 36.11 |
| | Service Factor | #N/A | #N/A |
| Watts: | Rated Load | 1360 | 1362 |
| KVA Code: | | | |
| Temperature Rise: | @ Rated Load | 11.5 | 12.7 |
| | @ Service Factor | 15.2 | 15.9 |
| Thermal Protector: | Trip Temp (°C) | 118.4 | 143.1 |
| Winding Material: | Start (Auxiliary) | CU | |
| | Run (Main) | CU | |
| Capacitor(s): | Start (MFD / Volts) | 350 mfd 165V | |
| | No. of Start Capacitors | | |
| | Run (MFD / Volts) | 35 mfd 370 V | |
| | No. of Run Capacitors | | |
| LOW SPEED PERFORMANCE DATA: | | | |
| HP: | | | |
| Poles: | | | |
| Volts: | | | |
| HZ: | | | |
| Efficiency: | @ Rated Load | | |
| Power Factor: | @ Rated Load | | |
| Amps: | @ No Load | | |
| | @ Rated Load | | |
| | @ Service Factor | | |
| | @ Locked Rotor | | |
| Torques: | Bead Down | | |
| | Locked Rotor | | |
| | Pull-Up | | |
| | Rated Load | | |
| | Service Factor | | |
| Watts: | @ Rated Load | | |
| Temperature Rise: | @ Rated Load | | |
| | @ Service Factor | | |
| DRAWING NO. PAGE 1 of 1 | | REV. | |
| 30PT80 | | - | |

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

Performance Data



30PT80 REV.
-

Dayton Manufacturing Company

Motor Description

Model: T063CKF206401
 Motor ID: 2 of 5
 Poles: 2
 Volts: 115/230
 Frequency: 60
 HP: 2
 Speed: 3450
 Phase: 1
 Protector:

Test Conditions

Test Type: Start
 Test Number: 12
 Poles: 2
 Volts: 115
 Hz: 60
 Rotation:
 Special Cond:
 Speed Conn:
 TestBoard: Amps Performance Fixture #1

Run Cap: 0
 Start Cap: 0µfd
 Environment: 20.1 Deg C 10 % RH 1014 hPa
 Tested: 12/12/2013 8:26:10 AM
 Tested By: Sharp, Gerald
 Gear Ratio: 1:1
 Bearing Friction: -0.48 Oz-Ft
 Windage Torque: -1.76 Oz-Ft

| Special Points | Vline (V) | Iline (A) | Watts | RPM | Tq (Oz-ft) | HP | Eff (%) | PF (%) |
|----------------|-----------|-----------|-------|------|------------|-------|---------|--------|
| | 115.0 | 69.02 | 6326 | 6 | 74.47 | 0.006 | 0.1 | 79.7 |
| PUT OZ-FT | 115.0 | 68.96 | 6326 | 32 | 72.39 | 0.028 | 0.3 | 79.8 |
| | 115.0 | 68.95 | 6317 | 105 | 73.18 | 0.092 | 1.1 | 79.7 |
| | 115.0 | 68.80 | 6337 | 415 | 74.65 | 0.369 | 4.3 | 80.1 |
| | 115.0 | 68.66 | 6353 | 706 | 79.52 | 0.669 | 7.9 | 80.5 |
| | 115.0 | 68.36 | 6371 | 972 | 84.63 | 0.980 | 11.5 | 81.0 |
| | 115.0 | 68.10 | 6389 | 1217 | 89.82 | 1.301 | 15.2 | 81.6 |
| | 115.0 | 68.05 | 6450 | 1442 | 94.06 | 1.614 | 18.7 | 82.4 |
| | 115.0 | 67.91 | 6516 | 1648 | 99.59 | 1.954 | 22.4 | 83.4 |
| | 115.0 | 67.69 | 6568 | 1840 | 104.27 | 2.284 | 25.9 | 84.4 |
| | 115.0 | 67.51 | 6634 | 2016 | 108.65 | 2.608 | 29.3 | 85.4 |
| | 115.0 | 67.35 | 6698 | 2178 | 112.39 | 2.914 | 32.5 | 86.5 |
| | 115.0 | 67.21 | 6769 | 2324 | 116.03 | 3.211 | 35.4 | 87.6 |
| | 115.0 | 67.07 | 6835 | 2460 | 118.19 | 3.462 | 37.8 | 88.6 |
| | 115.0 | 66.99 | 6908 | 2584 | 119.40 | 3.673 | 39.7 | 89.7 |
| | 115.0 | 66.95 | 6989 | 2697 | 119.82 | 3.847 | 41.1 | 90.8 |
| | 115.0 | 66.92 | 7050 | 2800 | 118.10 | 3.936 | 41.6 | 91.6 |
| | 115.0 | 66.96 | 7122 | 2893 | 116.14 | 4.000 | 41.9 | 92.5 |
| | 115.0 | 66.99 | 7187 | 2981 | 111.12 | 3.943 | 40.9 | 93.3 |
| | 115.0 | 66.48 | 7203 | 3056 | 102.58 | 3.732 | 38.7 | 94.2 |
| | 115.0 | 36.01 | 3491 | 3119 | 72.92 | 2.708 | 57.9 | 84.3 |
| | 115.0 | 33.54 | 3393 | 3187 | 76.38 | 2.898 | 63.7 | 87.9 |
| | 115.0 | 30.32 | 3131 | 3248 | 72.93 | 2.820 | 67.2 | 89.8 |
| | 115.0 | 26.99 | 2835 | 3303 | 67.53 | 2.655 | 69.9 | 91.4 |
| | 115.0 | 23.75 | 2534 | 3351 | 62.37 | 2.488 | 73.3 | 92.8 |
| | 115.0 | 20.08 | 2180 | 3399 | 55.40 | 2.242 | 76.7 | 94.4 |
| | 115.0 | 16.68 | 1830 | 3442 | 47.78 | 1.958 | 79.8 | 95.4 |
| | 115.0 | 12.93 | 1432 | 3485 | 37.13 | 1.540 | 80.2 | 96.3 |
| | 115.0 | 9.12 | 1012 | 3525 | 25.19 | 1.057 | 77.9 | 96.4 |
| | 115.0 | 5.24 | 565 | 3564 | 12.72 | 0.540 | 71.3 | 93.7 |
| | 115.0 | 2.40 | 173 | 3598 | 0.00 | 0.000 | 0.0 | 62.5 |

DRAWING NO. PAGE 1 of 8 REV.
 30PT80 -

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

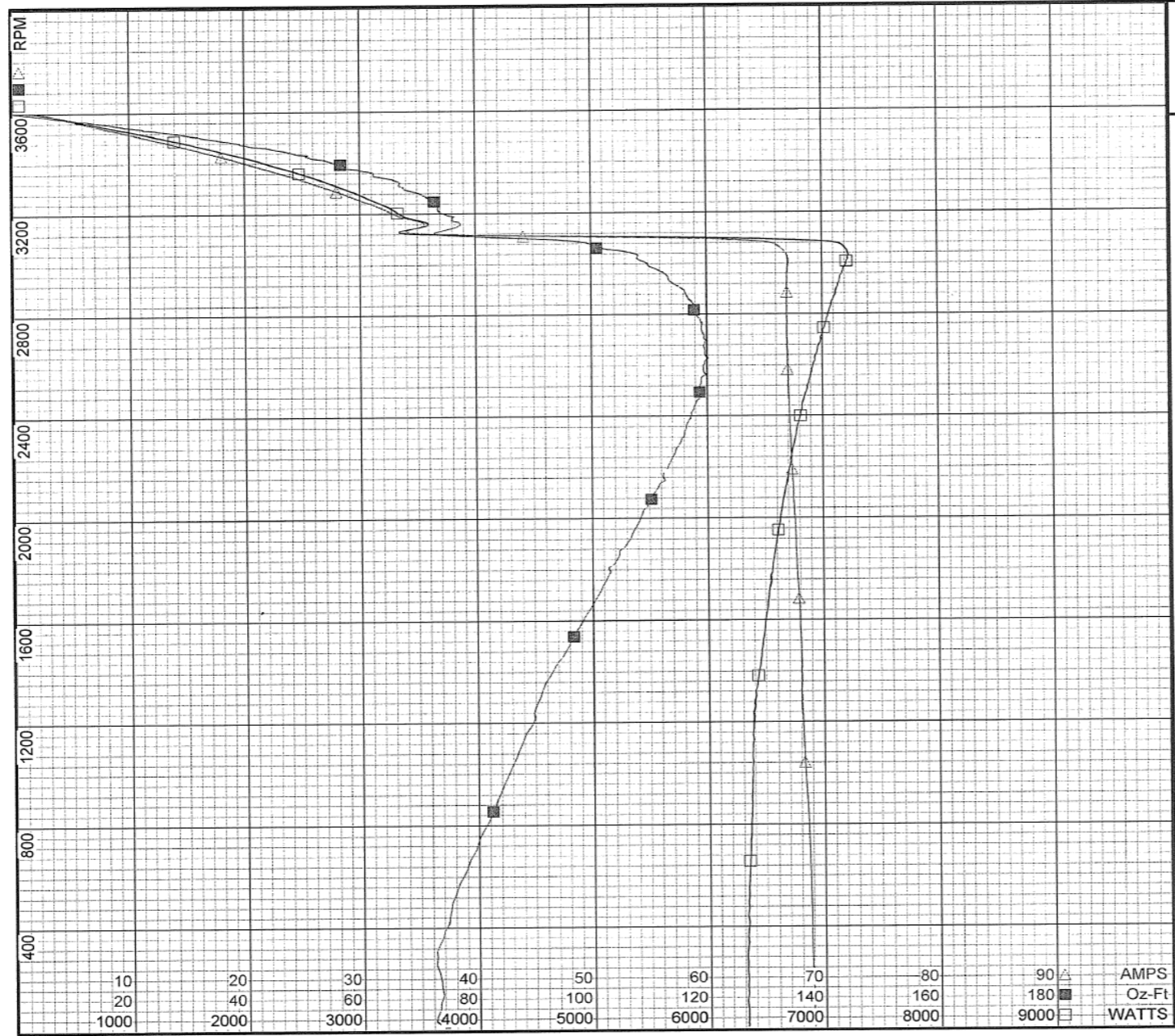
Performance Data



30PT80

REV.

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Curve Descriptions:

Motor(1) Test 12 Start 115V 60 Hz 2P

- SPEED vs WATTS
- SPEED vs TORQUE
- △ SPEED vs ILine

Motor Ratings:

(1) T063CKF206401 ID: 2 of 5

10 20 30 40 50 60 70 80 90 AMPS
 20 40 60 80 100 120 140 160 180 Oz-Ft
 1000 2000 3000 4000 5000 6000 7000 8000 9000 WATTS

| | | |
|-------------|-------------|------|
| DRAWING NO. | PAGE 2 of 8 | REV. |
| | 30PT80 | - |

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

Performance Data



| 30PT80 | | REV. | Dayton Manufacturing Company | | | | | | | | | | |
|-------------------|---------------|---------------|------------------------------|-------------------|-----------------------------|----------|-------|------|------------|-------|--------|------|--|
| Motor Description | | | Test Conditions | | | | | | | | | | |
| Model: | T063CKF206401 | Test Type: | Run | Run Cap: | 0 | | | | | | | | |
| Motor ID: | 2 of 5 | Test Number: | 14 | Start Cap: | 0µfd | | | | | | | | |
| Poles: | 2 | Poles: | 2 | Environment: | 20.1 Deg C 10 % RH 1014 hPa | | | | | | | | |
| Volts: | 115/230 | Volts: | 115 | Tested: | 12/12/2013 8:19:57 AM | | | | | | | | |
| Frequency: | 60 | Hz: | 60 | Tested By: | Sharp, Gerald | | | | | | | | |
| HP: | 2 | Rotation: | | Gear Ratio: | 1:1 | | | | | | | | |
| Speed: | 3450 | Special Cond: | Provide Vcap, Imain & Iaux | Bearing Friction: | -0.32 Oz-Ft | | | | | | | | |
| Phase: | 1 | Speed Conn: | | Windage Torque: | -1.60 Oz-Ft | | | | | | | | |
| Protector: | | TestBoard: | Amps Performance Fixture #1 | | | | | | | | | | |
| Special Points | Vline (V) | Vaux (V) | Vcap (V) | Iline (A) | Imain (A) | Iaux (A) | Watts | RPM | Tq (Oz-ft) | HP | PF (%) | Cap | |
| | 115.0 | 205.1 | 237.7 | 1.75 | 3.30 | 3.154 | 135 | 3583 | 0.00 | 0.000 | 67.2 | 35.2 | |
| | 115.0 | 198.3 | 223.9 | 5.74 | 3.98 | 2.953 | 651 | 3545 | 15.70 | 0.663 | 98.6 | 35.0 | |
| | 115.0 | 188.4 | 209.0 | 10.27 | 8.34 | 2.768 | 1161 | 3507 | 30.39 | 1.269 | 98.3 | 35.1 | |
| 36.5 OZ-FT | 115.0 | 184.4 | 203.2 | 12.15 | 10.25 | 2.698 | 1367 | 3487 | 36.50 | 1.515 | 97.8 | 35.2 | |
| | 115.0 | 179.7 | 196.5 | 14.30 | 12.47 | 2.619 | 1597 | 3467 | 41.98 | 1.733 | 97.1 | 35.4 | |
| 42 OZ-FT | 115.0 | 179.7 | 196.5 | 14.31 | 12.49 | 2.619 | 1598 | 3467 | 42.00 | 1.733 | 97.1 | 35.4 | |
| 1.75 HP | 115.0 | 179.2 | 195.8 | 14.53 | 12.72 | 2.611 | 1623 | 3464 | 42.44 | 1.750 | 97.1 | 35.4 | |
| 3450 RPM | 115.0 | 176.4 | 191.8 | 15.81 | 14.04 | 2.561 | 1759 | 3450 | 46.26 | 1.900 | 96.8 | 35.4 | |
| | 115.0 | 171.6 | 185.2 | 18.00 | 16.32 | 2.478 | 1990 | 3426 | 51.40 | 2.096 | 96.1 | 35.5 | |
| | 115.0 | 163.7 | 174.7 | 21.47 | 19.94 | 2.346 | 2340 | 3384 | 58.99 | 2.377 | 94.7 | 35.6 | |
| | 115.0 | 155.3 | 164.0 | 25.08 | 23.63 | 2.210 | 2682 | 3339 | 65.95 | 2.622 | 93.0 | 35.7 | |
| | 115.0 | 147.3 | 154.3 | 28.36 | 27.04 | 2.085 | 2985 | 3291 | 71.89 | 2.817 | 91.5 | 35.8 | |
| | 115.0 | 139.1 | 145.0 | 31.53 | 30.35 | 1.963 | 3257 | 3242 | 75.09 | 2.898 | 89.9 | 35.9 | |
| | 115.0 | 130.5 | 135.7 | 34.79 | 33.76 | 1.842 | 3523 | 3184 | 76.78 | 2.910 | 88.1 | 36.0 | |
| | 115.0 | 123.0 | 127.9 | 37.61 | 36.72 | 1.736 | 3741 | 3127 | 78.42 | 2.919 | 86.5 | 36.0 | |
| BDT OZ-FT | 115.0 | 115.4 | 121.2 | 40.17 | 39.42 | 1.647 | 3911 | 3069 | 80.04 | 2.924 | 84.6 | 36.0 | |
| | 115.0 | 114.6 | 120.7 | 40.41 | 39.67 | 1.639 | 3926 | 3064 | 79.47 | 2.899 | 84.5 | 36.0 | |
| | 115.0 | 106.6 | 113.7 | 43.28 | 42.69 | 1.547 | 4114 | 2992 | 78.87 | 2.809 | 82.7 | 36.1 | |
| | 115.0 | 98.7 | 107.8 | 45.86 | 45.41 | 1.466 | 4259 | 2914 | 76.25 | 2.645 | 80.8 | 36.1 | |
| | 115.0 | 91.3 | 103.1 | 48.18 | 47.92 | 1.402 | 4385 | 2832 | 73.70 | 2.485 | 79.1 | 36.1 | |
| | 115.0 | 83.9 | 99.6 | 50.41 | 50.30 | 1.350 | 4477 | 2743 | 70.40 | 2.299 | 77.2 | 35.9 | |
| | 115.0 | 76.8 | 96.6 | 52.52 | 52.50 | 1.313 | 4559 | 2645 | 66.70 | 2.100 | 75.5 | 36.0 | |
| | 115.0 | 69.8 | 95.0 | 54.46 | 54.57 | 1.290 | 4613 | 2538 | 62.11 | 1.877 | 73.7 | 36.0 | |
| | 115.0 | 63.3 | 94.1 | 56.25 | 56.46 | 1.275 | 4652 | 2423 | 57.34 | 1.654 | 71.9 | 36.0 | |
| | 115.0 | 57.0 | 93.9 | 57.86 | 58.19 | 1.270 | 4678 | 2298 | 52.34 | 1.432 | 70.3 | 35.9 | |
| | 115.0 | 51.2 | 94.5 | 59.33 | 59.74 | 1.279 | 4698 | 2162 | 47.13 | 1.213 | 68.9 | 35.9 | |
| | 115.0 | 45.5 | 95.6 | 60.65 | 61.17 | 1.292 | 4702 | 2016 | 41.81 | 1.003 | 67.4 | 35.9 | |
| | 115.0 | 40.4 | 97.1 | 61.81 | 62.39 | 1.311 | 4701 | 1859 | 36.14 | 0.800 | 66.1 | 35.8 | |
| | 115.0 | 35.3 | 98.9 | 62.85 | 63.52 | 1.337 | 4693 | 1690 | 31.12 | 0.626 | 64.9 | 35.8 | |
| | 115.0 | 30.4 | 100.9 | 63.74 | 64.49 | 1.360 | 4675 | 1508 | 25.66 | 0.461 | 63.8 | 35.8 | |
| | 115.0 | 25.9 | 103.1 | 64.51 | 65.33 | 1.384 | 4654 | 1314 | 20.51 | 0.321 | 62.7 | 35.6 | |
| | 115.0 | 21.1 | 105.6 | 65.03 | 65.94 | 1.417 | 4636 | 1107 | 17.59 | 0.232 | 62.0 | 35.6 | |
| | 115.0 | 17.2 | 108.8 | 65.52 | 66.48 | 1.463 | 4635 | 878 | 12.83 | 0.134 | 61.5 | 35.7 | |
| | 115.0 | 13.2 | 111.6 | 65.90 | 66.92 | 1.498 | 4627 | 644 | 7.71 | 0.059 | 61.1 | 35.6 | |
| | 115.0 | 10.4 | 114.5 | 66.07 | 67.15 | 1.531 | 4616 | 392 | 4.27 | 0.020 | 60.8 | 35.5 | |
| | 115.0 | 8.9 | 117.2 | 66.08 | 67.20 | 1.569 | 4622 | 138 | 4.07 | 0.007 | 60.8 | 35.5 | |

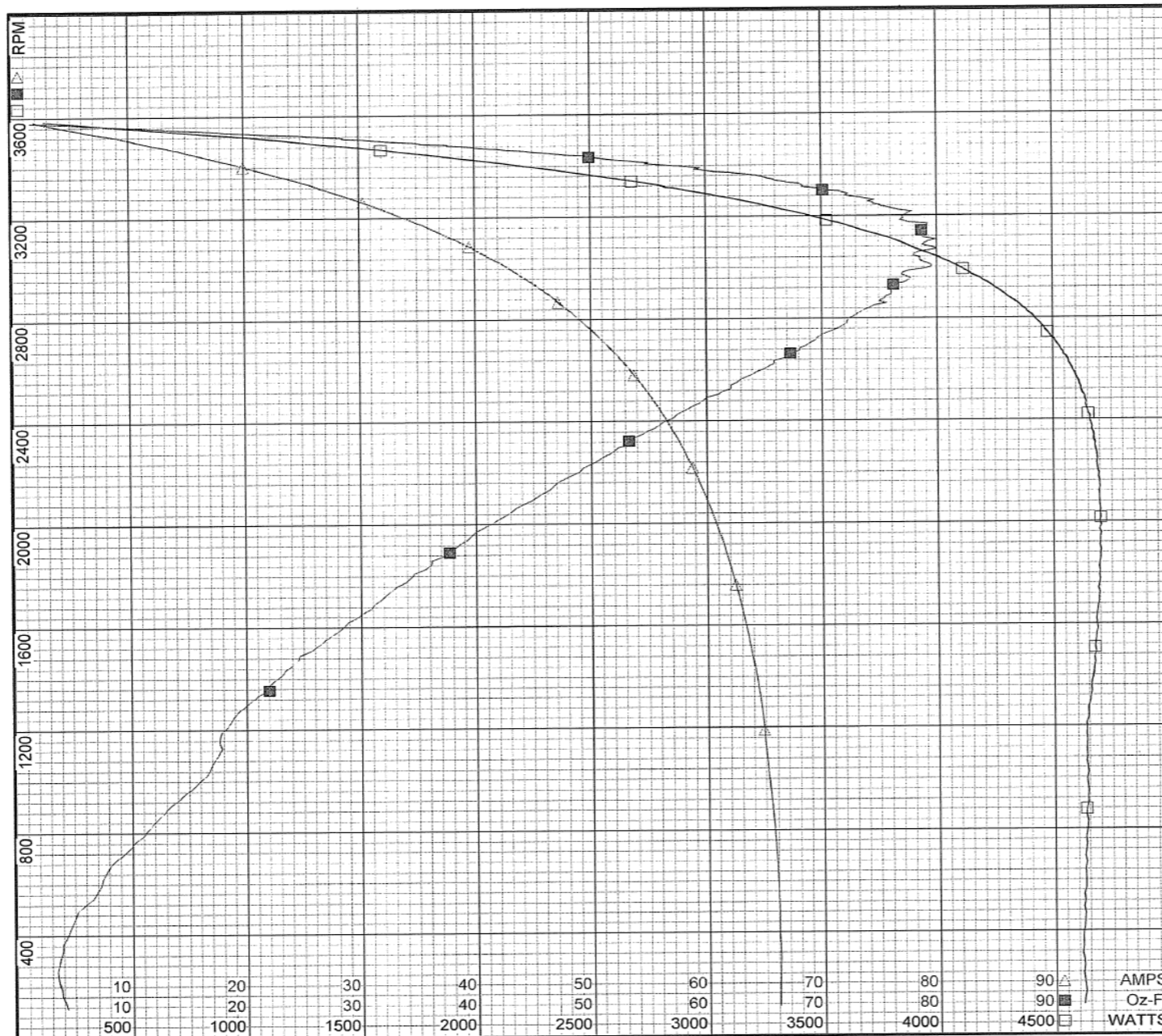
Performance Data



30PT80

REV.

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Curve Descriptions:

Motor(1) Test 14 Run 115V 60 Hz 2P
Provide Vcap, I_{main} & I_{aux}

- SPEED vs WATTS
- SPEED vs TORQUE
- △ SPEED vs ILine

Motor Ratings:

(1) T063CKF206401 ID: 2 of 5

| | | |
|-------------|-------------|------|
| DRAWING NO. | PAGE 4 of 8 | REV. |
| | 30PT80 | - |

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

Performance Data



30PT80 REV.
-

Dayton Manufacturing Company

Motor Description

Model: T063CKF206401
 Motor ID: 2 of 5
 Poles: 2
 Volts: 115/230
 Frequency: 60
 HP: 2
 Speed: 3450
 Phase: 1
 Protector:

Test Conditions

Test Type: Start Run Cap: 0
 Test Number: 18 Start Cap: 0µfd
 Poles: 2 Environment: 21.6 Deg C 15 % RH 1010 hPa
 Volts: 230 Tested: 12/11/2013 9:53:12 AM
 Hz: 60 Tested By: Sharp, Gerald
 Rotation: Gear Ratio: 1:1
 Special Cond: Bearing Friction: -0.32 Oz-Ft
 Speed Conn: Windage Torque: -1.44 Oz-Ft
 TestBoard: Amtps Performance Fixture #1

| Special Points | Vline (V) | Iline (A) | Watts | RPM | Tq (Oz-ft) | HP | Eff (%) | PF (%) |
|----------------|-----------|-----------|-------|------|------------|-------|---------|--------|
| | 230.0 | 35.52 | 6294 | 7 | 70.64 | 0.006 | 0.1 | 77.1 |
| PUT OZ-FT | 230.0 | 35.51 | 6300 | 6 | 70.36 | 0.005 | 0.1 | 77.1 |
| | 230.0 | 35.48 | 6310 | 107 | 71.25 | 0.091 | 1.1 | 77.3 |
| | 230.0 | 35.44 | 6303 | 415 | 72.29 | 0.358 | 4.2 | 77.3 |
| | 230.0 | 35.40 | 6332 | 707 | 77.77 | 0.655 | 7.7 | 77.8 |
| | 230.0 | 35.25 | 6353 | 973 | 82.61 | 0.957 | 11.2 | 78.4 |
| | 230.0 | 35.07 | 6362 | 1217 | 86.63 | 1.255 | 14.7 | 78.9 |
| | 230.0 | 35.02 | 6424 | 1443 | 91.52 | 1.572 | 18.3 | 79.8 |
| | 230.0 | 34.88 | 6486 | 1650 | 96.11 | 1.888 | 21.7 | 80.8 |
| | 230.0 | 34.77 | 6550 | 1841 | 100.82 | 2.209 | 25.2 | 81.9 |
| | 230.0 | 34.60 | 6606 | 2016 | 104.89 | 2.517 | 28.4 | 83.0 |
| | 230.0 | 34.43 | 6657 | 2177 | 108.35 | 2.809 | 31.5 | 84.1 |
| | 230.0 | 34.28 | 6720 | 2326 | 111.96 | 3.100 | 34.4 | 85.2 |
| | 230.0 | 34.14 | 6781 | 2461 | 113.64 | 3.330 | 36.6 | 86.4 |
| | 230.0 | 33.99 | 6843 | 2585 | 114.63 | 3.527 | 38.5 | 87.5 |
| | 230.0 | 33.85 | 6899 | 2698 | 114.54 | 3.679 | 39.8 | 88.6 |
| | 230.0 | 33.72 | 6958 | 2800 | 113.21 | 3.773 | 40.5 | 89.7 |
| | 230.0 | 33.59 | 7002 | 2894 | 110.72 | 3.814 | 40.6 | 90.6 |
| | 230.0 | 33.51 | 7062 | 2979 | 105.96 | 3.758 | 39.7 | 91.6 |
| | 230.0 | 33.42 | 7124 | 3056 | 100.11 | 3.642 | 38.1 | 92.7 |
| | 230.0 | 18.69 | 3644 | 3124 | 75.27 | 2.799 | 57.3 | 84.8 |
| | 230.0 | 16.76 | 3393 | 3190 | 75.42 | 2.864 | 63.0 | 88.0 |
| | 230.0 | 15.13 | 3133 | 3248 | 73.80 | 2.854 | 67.9 | 90.0 |
| | 230.0 | 13.54 | 2850 | 3301 | 68.46 | 2.690 | 70.4 | 91.6 |
| | 230.0 | 11.79 | 2521 | 3353 | 63.82 | 2.547 | 75.4 | 93.0 |
| | 230.0 | 10.07 | 2180 | 3398 | 55.57 | 2.248 | 76.9 | 94.1 |
| | 230.0 | 8.25 | 1805 | 3443 | 46.94 | 1.924 | 79.5 | 95.1 |
| | 230.0 | 6.46 | 1428 | 3483 | 36.53 | 1.515 | 79.1 | 96.1 |
| | 230.0 | 4.51 | 998 | 3525 | 25.27 | 1.061 | 79.3 | 96.1 |
| | 230.0 | 2.52 | 540 | 3566 | 11.27 | 0.478 | 66.0 | 93.2 |
| | 230.0 | 1.13 | 146 | 3600 | 0.00 | 0.000 | 0.0 | 56.2 |

DRAWING NO. PAGE 5 of 8 REV.
 30PT80 -

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

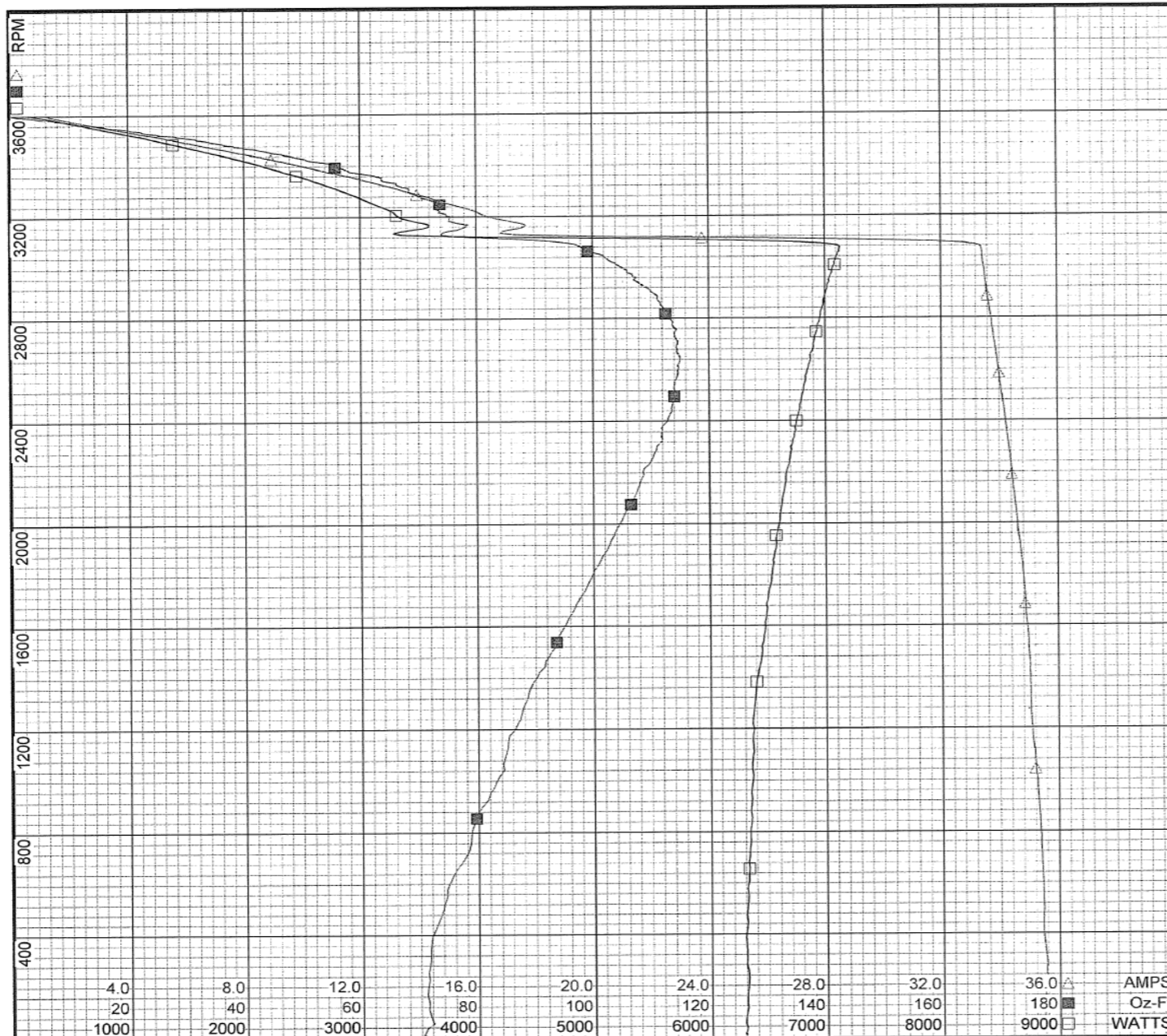
Performance Data



30PT80

REV.

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Curve Descriptions:

Motor(1) Test 18 Start 230V 60 Hz 2P

- SPEED vs WATTS
- SPEED vs TORQUE
- △ SPEED vs ILine

Motor Ratings:

(1) T063CKF206401 ID: 2 of 5

| | | |
|-------------|-------------|------|
| DRAWING NO. | PAGE 6 of 8 | REV. |
| | 30PT80 | - |

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

Performance Data



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|---------------|-----------|
| 30PT80 | REV. - |
|---------------|-----------|

Dayton Manufacturing Company

Motor Description

Model: T063CKF206401
 Motor ID: 2 of 5
 Poles: 2
 Volts: 115/230
 Frequency: 60
 HP: 2
 Speed: 3450
 Phase: 1
 Protector:

Test Conditions

Test Type: Run
 Test Number: 20
 Poles: 2
 Volts: 230
 Hz: 60
 Rotation:
 Special Cond: Provide Vcap, Imain & Iaux
 Speed Conn:
 TestBoard: Amtps Performance Fixture #1
 Run Cap: 0
 Start Cap: 0µfd
 Environment: 21.6 Deg C 15 % RH 1010 hPa
 Tested: 12/11/2013 9:21:38 AM
 Tested By: Sharp, Gerald
 Gear Ratio: 1:1
 Bearing Friction: -0.32 Oz-Ft
 Windage Torque: -1.76 Oz-Ft

| Special Points | Vline (V) | Vaux (V) | Vcap (V) | Iline (A) | Imain (A) | Iaux (A) | Watts | RPM | Tq (Oz-ft) | HP | PF (%) | Cap |
|----------------|-----------|----------|----------|-----------|-----------|----------|-------|------|------------|-------|--------|------|
| | 230.0 | 231.9 | 237.3 | 0.90 | 3.12 | 3.146 | 131 | 3584 | 0.00 | 0.000 | 63.5 | 35.2 |
| | 230.0 | 234.3 | 224.1 | 2.83 | 2.05 | 2.958 | 636 | 3545 | 15.42 | 0.651 | 97.6 | 35.0 |
| | 230.0 | 232.2 | 210.0 | 5.07 | 3.42 | 2.779 | 1139 | 3506 | 30.10 | 1.256 | 97.6 | 35.1 |
| 36.5 OZ-FT | 230.0 | 231.2 | 203.4 | 6.17 | 4.47 | 2.704 | 1382 | 3484 | 36.50 | 1.514 | 97.3 | 35.3 |
| | 230.0 | 230.0 | 198.1 | 7.06 | 5.36 | 2.641 | 1572 | 3465 | 41.69 | 1.720 | 96.8 | 35.4 |
| 42 OZ-FT | 230.0 | 229.8 | 197.2 | 7.23 | 5.54 | 2.629 | 1608 | 3463 | 42.00 | 1.731 | 96.7 | 35.4 |
| 1.75 HP | 230.0 | 229.7 | 196.7 | 7.32 | 5.63 | 2.622 | 1627 | 3461 | 42.48 | 1.750 | 96.7 | 35.4 |
| 3450 RPM | 230.0 | 228.9 | 193.8 | 7.81 | 6.13 | 2.586 | 1730 | 3450 | 45.20 | 1.857 | 96.4 | 35.4 |
| | 230.0 | 227.1 | 187.2 | 8.92 | 7.30 | 2.507 | 1961 | 3425 | 51.07 | 2.082 | 95.6 | 35.5 |
| | 230.0 | 224.4 | 177.4 | 10.60 | 9.08 | 2.380 | 2307 | 3385 | 58.54 | 2.359 | 94.6 | 35.6 |
| | 230.0 | 220.9 | 167.1 | 12.38 | 10.96 | 2.253 | 2655 | 3339 | 66.06 | 2.626 | 93.2 | 35.7 |
| | 230.0 | 217.2 | 157.8 | 14.01 | 12.72 | 2.129 | 2957 | 3293 | 70.65 | 2.769 | 91.8 | 35.8 |
| | 230.0 | 213.0 | 148.4 | 15.64 | 14.49 | 2.005 | 3241 | 3243 | 75.54 | 2.916 | 90.1 | 35.8 |
| | 230.0 | 208.6 | 139.5 | 17.23 | 16.22 | 1.891 | 3503 | 3184 | 78.13 | 2.962 | 88.4 | 36.0 |
| | 230.0 | 204.2 | 131.8 | 18.65 | 17.78 | 1.787 | 3719 | 3129 | 79.26 | 2.952 | 86.7 | 36.0 |
| | 230.0 | 199.4 | 124.2 | 20.11 | 19.39 | 1.683 | 3922 | 3064 | 79.85 | 2.912 | 84.8 | 36.0 |
| BDT OZ-FT | 230.0 | 199.0 | 123.6 | 20.22 | 19.51 | 1.676 | 3942 | 3058 | 79.91 | 2.908 | 84.7 | 36.0 |
| | 230.0 | 194.4 | 117.0 | 21.54 | 20.96 | 1.591 | 4110 | 2992 | 79.21 | 2.821 | 83.0 | 36.1 |
| | 230.0 | 189.5 | 111.0 | 22.85 | 22.41 | 1.505 | 4262 | 2915 | 77.56 | 2.692 | 81.1 | 36.0 |
| | 230.0 | 185.0 | 105.7 | 24.06 | 23.74 | 1.439 | 4380 | 2832 | 75.19 | 2.535 | 79.2 | 36.1 |
| | 230.0 | 179.5 | 101.7 | 25.20 | 25.03 | 1.380 | 4467 | 2743 | 71.62 | 2.339 | 77.1 | 36.0 |
| | 230.0 | 174.7 | 98.4 | 26.27 | 26.20 | 1.334 | 4550 | 2645 | 67.73 | 2.132 | 75.3 | 36.0 |
| | 230.0 | 169.4 | 96.1 | 27.27 | 27.32 | 1.300 | 4602 | 2539 | 63.10 | 1.907 | 73.4 | 35.9 |
| | 230.0 | 164.8 | 94.5 | 28.17 | 28.34 | 1.280 | 4651 | 2422 | 58.51 | 1.687 | 71.8 | 36.0 |
| | 230.0 | 159.8 | 93.9 | 29.01 | 29.27 | 1.267 | 4673 | 2297 | 54.33 | 1.486 | 70.0 | 35.8 |
| | 230.0 | 155.6 | 93.7 | 29.75 | 30.11 | 1.267 | 4701 | 2163 | 48.31 | 1.244 | 68.7 | 35.8 |
| | 230.0 | 151.1 | 94.3 | 30.43 | 30.88 | 1.272 | 4703 | 2016 | 42.96 | 1.031 | 67.2 | 35.8 |
| | 230.0 | 147.1 | 95.3 | 31.03 | 31.57 | 1.287 | 4708 | 1859 | 37.68 | 0.834 | 66.0 | 35.8 |
| | 230.0 | 143.0 | 96.8 | 31.56 | 32.17 | 1.305 | 4697 | 1689 | 32.06 | 0.645 | 64.7 | 35.7 |
| | 230.0 | 139.0 | 98.3 | 32.03 | 32.73 | 1.325 | 4683 | 1508 | 26.58 | 0.477 | 63.6 | 35.8 |
| | 230.0 | 135.4 | 100.2 | 32.41 | 33.18 | 1.346 | 4663 | 1313 | 21.08 | 0.330 | 62.6 | 35.6 |
| | 230.0 | 131.3 | 102.6 | 32.67 | 33.50 | 1.374 | 4639 | 1105 | 18.17 | 0.239 | 61.7 | 35.5 |
| | 230.0 | 127.5 | 105.4 | 32.92 | 33.83 | 1.416 | 4644 | 881 | 13.38 | 0.140 | 61.3 | 35.6 |
| | 230.0 | 123.4 | 108.1 | 33.11 | 34.08 | 1.451 | 4624 | 643 | 8.64 | 0.066 | 60.7 | 35.6 |
| | 230.0 | 120.1 | 110.9 | 33.21 | 34.24 | 1.482 | 4621 | 402 | 5.14 | 0.025 | 60.5 | 35.5 |
| | 230.0 | 116.9 | 113.6 | 33.25 | 34.32 | 1.518 | 4621 | 131 | 4.74 | 0.007 | 60.4 | 35.4 |

| | | |
|-------------|---------------|------|
| DRAWING NO. | PAGE 7 of 8 | REV. |
| | 30PT80 | - |

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

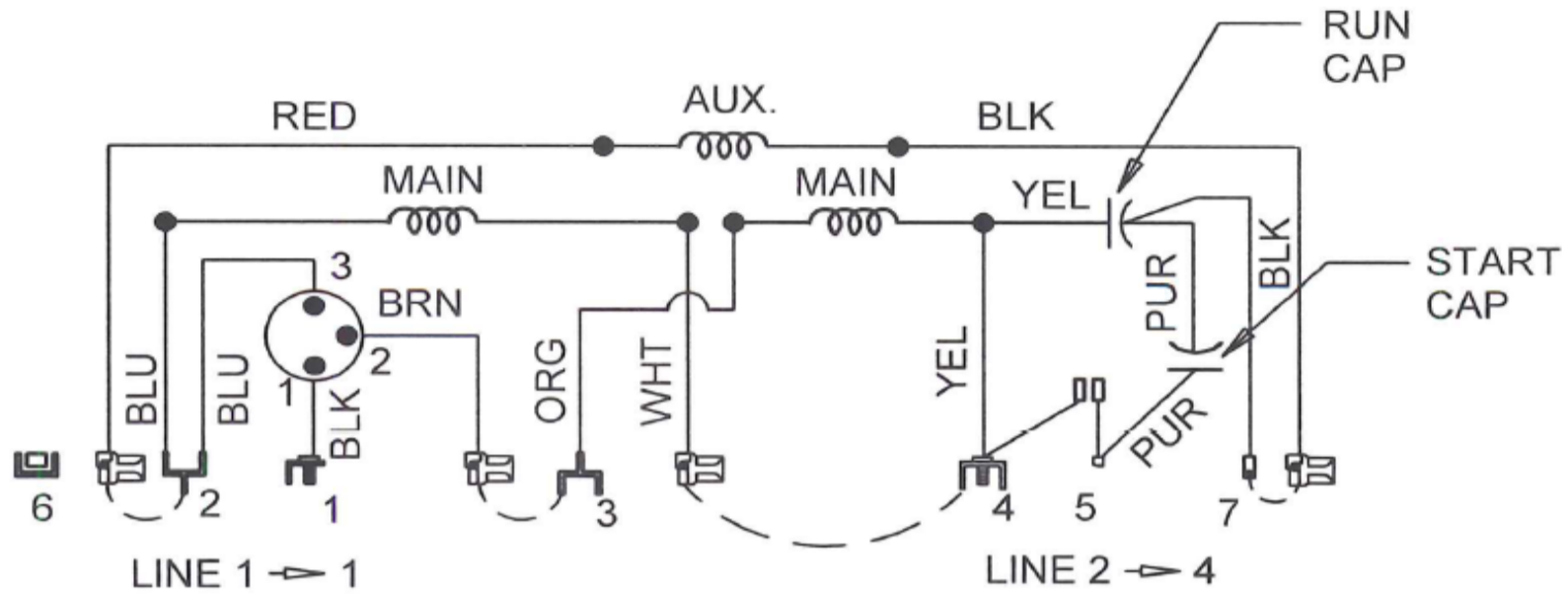
Wiring Diagram



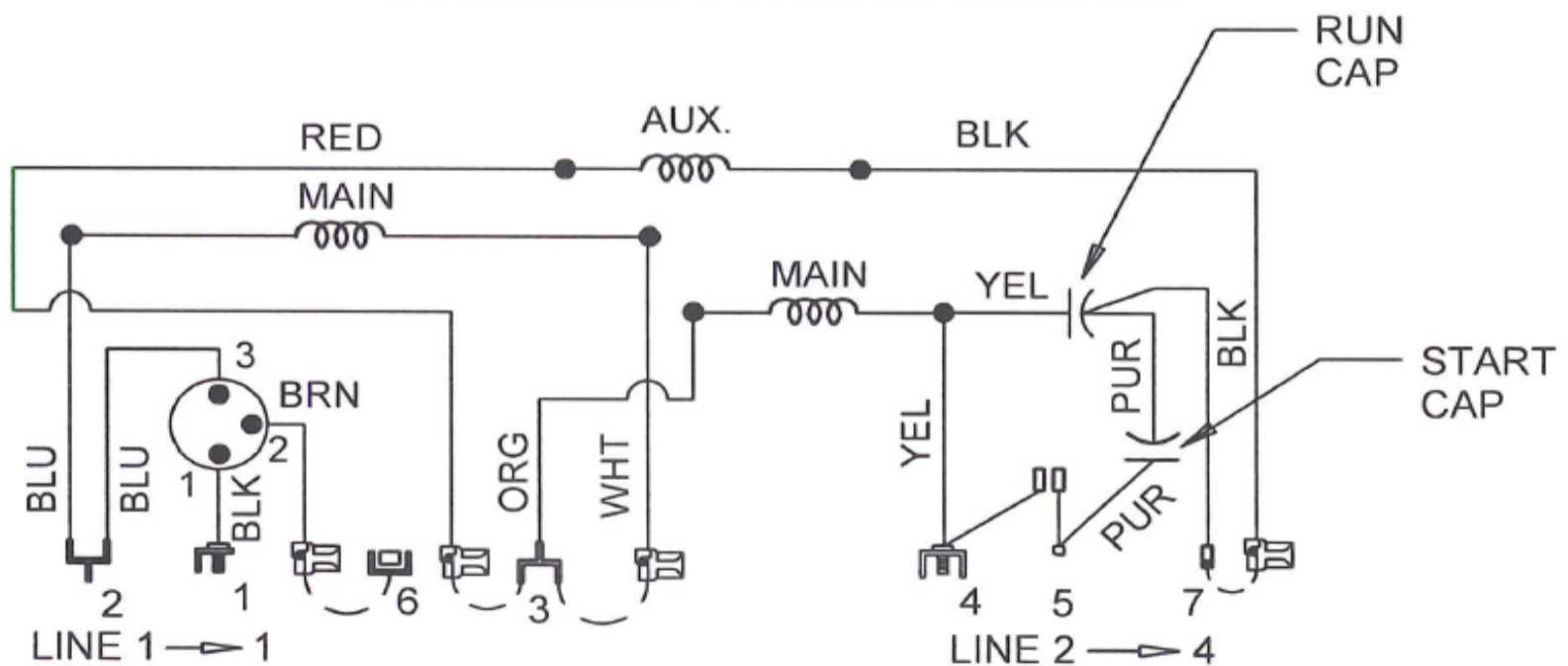
30PT80

REV.
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CONNECTED FOR LOW VOLTAGE



CONNECTED FOR HIGH VOLTAGE



ROTATION: CCW SWITCH END REVERSIBLE
TO REVERSE ROTATION INTERCHANGE
BLACK AND RED LEADS

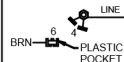
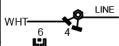
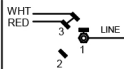
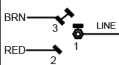
T 6P DUAL VOLT REVERSIBLE W/CAPS & PROT

DRAWING NO.

30PT80

REV.

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Dayton[®]**INDUSTRIAL MOTOR**Part No **30PT80****HP:** 1.5**PH:** 1**VOLTS:** 115/230**HZ:** 60**AMPS:** 13.3/6.7**FR:** 56**RPM:** 3450**INS CL:** B**DUTY:** CONT**AMB:** 40 °C**SF:** 1.15**SFA:** 14.5/7.3**KVA CODE:** F**ENCL:** ODP**THERMALLY PROTECTED:** AUTOMFG. NO. PROT. CODE: 00520 **AVG. F.L. EFF.** 81.5**MTR REF:** T63CXCKF-2064**USABLE FOR 208 V AT 1.0 SF****NEMA**
Premium[™]**Disconnect Power Before Making Any
Electrical Connections or Changes****CONNECTIONS****LOW VOLTAGE****HIGH VOLTAGE****ROTATION: CCW SWITCH END REVERSIBLE
TO REVERSE ROTATION
INTERCHANGE RED AND BLACK LEADS**

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

Made in Mexico