



# Performance Data



**4WNZ6BG**

REV.  
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## MOTOR PERFORMANCE

<b>HP:</b>	3/4						
<b>Poles:</b>	4						
<b>No. of Speeds:</b>	1						
<b>Volts:</b>	115/208-230	<b>115</b>	<b>230</b>				
<b>HZ:</b>	60	<b>60</b>	<b>60</b>				
<b>Service Factor:</b>	1.3						
<b>Efficiency:</b>	@ Rated Load	98.8	98.3				
<b>Power Factor:</b>	@ Rated Load	50.4	50.3				
<b>Amps:</b>	@ No Load						
	@ Rated Load	6.1	3.1				
	@ Service Factor	8	4				
	@ Locked Rotor	51.7	26.5				
<b>RPM:</b>	@ Rated Load	1749	1750				
<b>Ambient (°C):</b>	40						
<b>Altitude (FASL):</b>							
<b>Torques:</b>	Breakdown	89.1	90.5				
	Locked Rotor	134.4	113.8				
	Pull-Up	115.6	97.1				
	Rated Load	36.5	36.5				
	Service Factor	47.3	47.3				
<b>Watts:</b>	Rated Load	697	699				
<b>KVA Code:</b>	K	J	K				
<b>Temperature Rise:</b>	@ Rated Load	TEAO	TEAO				
	@ Service Factor	-	-				
<b>Thermal Protector:</b>	Trip Temp (°C)						
<b>Winding Material:</b>	Start (Auxiliary)	Cu	Cu				
	Run (Main)	Cu	Cu				
<b>Capacitor(s):</b>	Start (MFD / Volts)	594 mFd, 220V					
	No. of Start Capacitors						
	Run (MFD / Volts)	50 mFd, 370V					
	No. of Run Capacitors						

### LOW SPEED PERFORMANCE DATA:

<b>HP:</b>							
<b>Poles:</b>							
<b>Volts:</b>							
<b>HZ:</b>							
<b>Efficiency:</b>	@ Rated Load						
<b>Power Factor:</b>	@ Rated Load						
<b>Amps:</b>	@ No Load						
	@ Rated Load						
	@ Service Factor						
	@ Locked Rotor						
<b>Torques:</b>	Bead Down						
	Locked Rotor						
	Pull-Up						
	Rated Load						
	Service Factor						
<b>Watts:</b>	@ Rated Load						
<b>Temperature Rise:</b>	@ Rated Load						
	@ Service Factor						

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# Performance Data



**4WNZ6BG**

REV.

-

## Dayton Manufacturing Company

### Motor Description

Model: T063CKE1458 4WNZ6BG  
 Motor ID: 2  
 Poles: 4  
 Volts: 115/208-230  
 Frequency: 60  
 HP: 3/4  
 Speed: 1725  
 Phase: 1  
 Protector: CEJ 66EY

### Test Conditions

Test Type: Start  
 Test Number: 3  
 Poles: 4  
 Volts: 115  
 Hz: 60  
 Rotation:  
 Special Cond: Provide Vcap, Imain & Iaux  
 Speed Conn:  
 TestBoard: Amtps Performance Fixture #1  
 Run Cap: 50  
 Start Cap: 594µfd  
 Environment:  
 Tested: 4/2/2014 12:01:46 PM  
 Tested By: Sharp, Gerald  
 Gear Ratio: 1:1  
 Bearing Friction: -0.19 Oz-Ft  
 Windage Torque: -1.15 Oz-Ft

Special Points	Vline(V)	Vaux(V)	Vcap(V)	Iline(A)	Imain(A)	Iaux(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF(%)	Cap
	115.0	112.0	147.2	51.72	39.33	33.77	5904	11	134.4	0.018	0.2	99.3	608.5
	115.0	111.9	146.9	51.67	39.17	33.70	5900	32	138.6	0.054	0.7	99.3	608.6
<b>PUT OZ-FT</b>	<b>115.0</b>	<b>110.7</b>	<b>145.6</b>	<b>51.55</b>	<b>38.66</b>	<b>33.36</b>	<b>5884</b>	<b>158</b>	<b>115.6</b>	<b>0.217</b>	<b>2.8</b>	<b>99.3</b>	<b>607.9</b>
	115.0	110.7	145.6	51.55	38.66	33.36	5884	158	115.6	0.217	2.8	99.3	607.9
	115.0	109.2	143.4	51.53	37.96	32.79	5890	282	136.7	0.459	5.8	99.4	606.7
	115.0	107.7	141.2	51.50	37.27	32.25	5887	396	144.5	0.681	8.6	99.4	605.8
	115.0	106.5	139.2	51.80	36.71	31.74	5927	504	153.5	0.921	11.6	99.5	604.8
	115.0	106.2	138.6	52.73	36.18	31.55	6038	604	164.3	1.182	14.6	99.6	604.0
	115.0	106.6	138.8	53.17	35.16	31.68	6114	698	169.9	1.412	17.2	100.0	605.3
	115.0	104.7	136.5	52.65	34.04	31.05	6054	785	176.6	1.651	20.3	100.0	603.2
	115.0	103.4	134.3	52.54	33.10	30.53	6047	866	183.8	1.894	23.4	100.1	603.0
	115.0	102.1	132.5	52.58	32.17	30.09	6057	943	190.5	2.138	26.3	100.2	602.4
	115.0	101.1	131.0	52.68	31.24	29.70	6072	1015	195.7	2.364	29.0	100.2	601.5
	115.0	100.4	129.7	52.82	30.33	29.38	6092	1081	200.7	2.582	31.6	100.3	600.6
	115.0	100.0	128.6	53.02	29.47	29.14	6120	1143	204.1	2.776	33.8	100.4	600.9
	115.0	99.7	127.9	53.25	28.63	28.96	6141	1201	205.9	2.943	35.7	100.3	600.5
	115.0	99.7	127.5	53.46	27.86	28.85	6169	1254	206.8	3.089	37.4	100.3	600.3
	115.0	99.8	127.3	53.76	27.20	28.81	6198	1303	206.3	3.201	38.5	100.3	600.5
	115.0	100.5	127.7	54.09	26.63	28.90	6239	1349	204.2	3.279	39.2	100.3	600.6
	115.0	101.8	128.5	54.50	26.14	29.14	6290	1392	200.1	3.316	39.3	100.4	601.8
	115.0	103.2	129.8	54.92	25.76	29.49	6336	1431	195.6	3.332	39.2	100.3	602.6
	115.0	105.0	131.7	55.39	25.47	29.98	6385	1467	188.7	3.295	38.5	100.2	603.7
	115.0	107.1	134.0	55.79	25.25	30.58	6430	1500	180.1	3.215	37.3	100.2	605.2
	115.0	109.7	137.0	56.20	25.05	31.34	6474	1531	169.5	3.088	35.6	100.2	606.9
	115.0	112.4	140.2	56.54	24.87	32.23	6520	1559	158.6	2.942	33.7	100.3	609.8
	115.0	115.6	143.9	56.87	24.74	33.24	6556	1584	145.2	2.739	31.2	100.3	612.8
	115.0	118.7	147.7	57.11	24.61	34.31	6586	1608	128.5	2.461	27.9	100.3	616.1
	115.0	122.0	151.7	57.28	24.47	35.44	6600	1631	112.5	2.185	24.7	100.2	619.9
	115.0	125.3	155.7	57.41	24.36	36.64	6616	1652	93.7	1.843	20.8	100.2	624.4
	115.0	128.5	159.6	57.47	24.27	37.85	6619	1671	75.5	1.502	16.9	100.1	629.0
	115.0	131.6	163.4	57.45	24.19	39.03	6611	1689	54.8	1.102	12.4	100.1	633.7
	115.0	136.9	167.8	57.27	23.99	40.46	6588	1709	31.0	0.631	7.1	100.0	639.5
	115.0	138.6	171.1	57.08	23.93	41.64	6563	1725	10.3	0.212	2.4	100.0	645.4
	115.0	139.7	172.7	56.95	23.83	42.21	6540	1733	0.0	0.000	0.0	99.9	648.3

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**4WNZ6BG** -

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

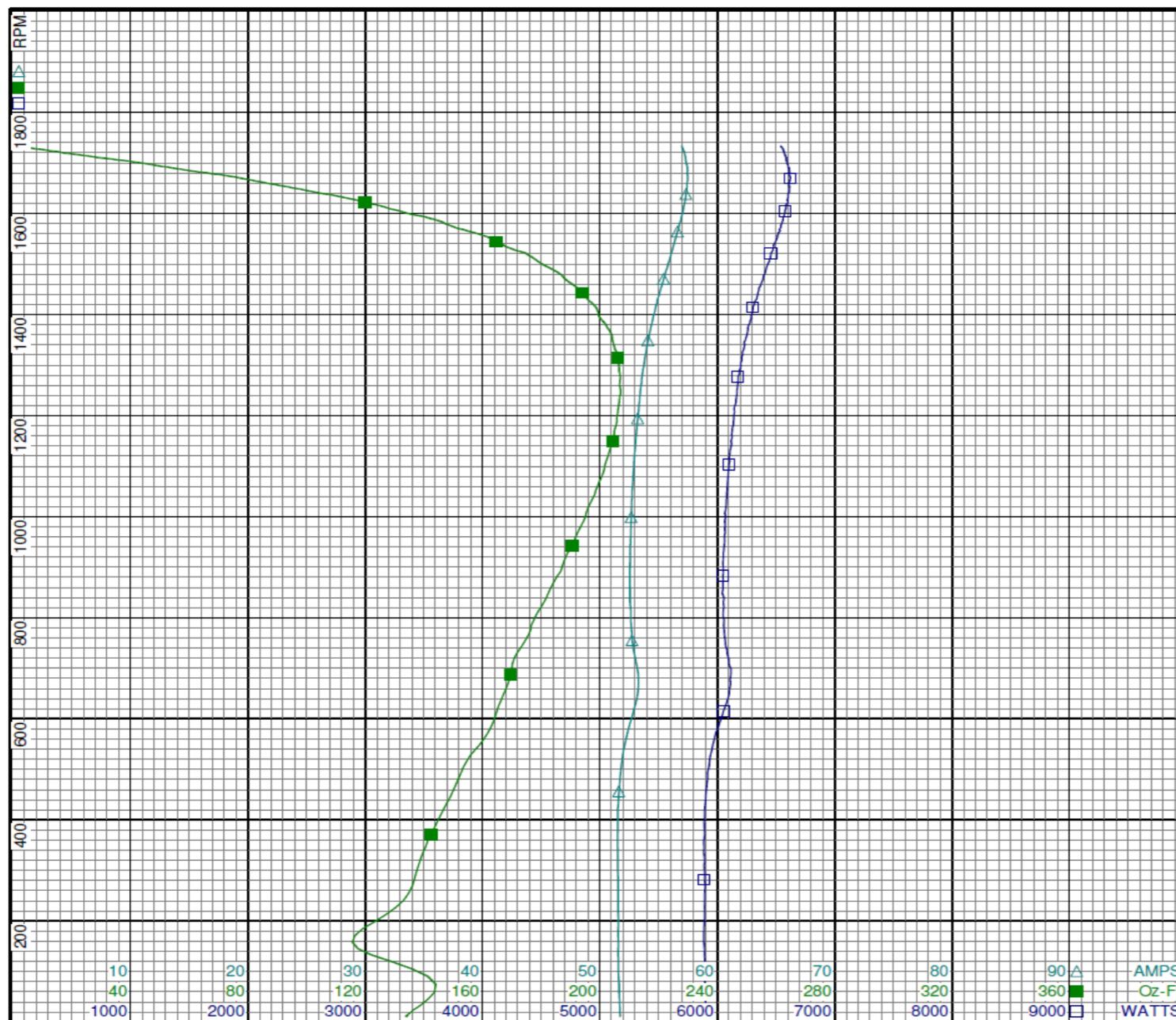
# Performance Data



4WNZ6BG

REV.

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**Curve Descriptions:**

Motor(1) Test 3 Start 115V 60 Hz 4P  
Provide Vcap, I<sub>main</sub> & I<sub>aux</sub>

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

**Motor Ratings:**

(1) T063CKE1458 4WNZ6BG

10 20 30 40 50 60 70 80 90 △ AMPS  
40 80 120 160 200 240 280 320 360 ■ Oz-Ft  
1000 2000 3000 4000 5000 6000 7000 8000 9000 □ WATTS

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

# Performance Data



**4WNZ6BG**

REV.

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## Dayton Manufacturing Company

### Motor Description

Model: T063CKE1458 4WNZ6BG  
 Motor ID: 2  
 Poles: 4  
 Volts: 115/208-230  
 Frequency: 60  
 HP: 3/4  
 Speed: 1725  
 Phase: 1  
 Protector: CEJ 66EY

### Test Conditions

Test Type: Run  
 Test Number: 7  
 Poles: 4  
 Volts: 115  
 Hz: 60  
 Rotation:  
 Special Cond: Provide cap volts, IM & Iaux  
 Speed Conn:  
 TestBoard: Amps Performance Fixture #1  
 Run Cap: 50  
 Start Cap: 594 µfd  
 Environment:  
 Tested: 4/2/2014 12:00:32 PM  
 Tested By: Sharp, Gerald  
 Gear Ratio: 1:1  
 Bearing Friction: -0.32 Oz-Ft  
 Windage Torque: -1.17 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Imain (A)	Iaux (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)	Cap
	115.0	133.9	175.0	1.22	3.44	3.432	88	1795	0.00	0.000	0.0	62.3	52.0
	115.0	128.4	167.8	2.74	2.86	3.273	302	1777	12.94	0.274	67.6	95.7	51.7
	115.0	120.4	157.7	5.21	4.37	3.000	591	1758	30.52	0.639	80.6	98.6	50.5
<b>0.75 HP</b>	<b>115.0</b>	<b>118.2</b>	<b>154.9</b>	<b>6.06</b>	<b>5.17</b>	<b>2.944</b>	<b>688</b>	<b>1750</b>	<b>36.01</b>	<b>0.750</b>	<b>81.3</b>	<b>98.8</b>	<b>50.4</b>
<b>36.5 OZ-FT</b>	<b>115.0</b>	<b>118.0</b>	<b>154.7</b>	<b>6.13</b>	<b>5.24</b>	<b>2.939</b>	<b>697</b>	<b>1749</b>	<b>36.50</b>	<b>0.760</b>	<b>81.3</b>	<b>98.8</b>	<b>50.4</b>
<b>42 OZ-FT</b>	<b>115.0</b>	<b>116.0</b>	<b>152.0</b>	<b>7.04</b>	<b>6.10</b>	<b>2.887</b>	<b>797</b>	<b>1740</b>	<b>42.00</b>	<b>0.870</b>	<b>81.4</b>	<b>98.5</b>	<b>50.4</b>
	115.0	115.8	151.7	7.13	6.19	2.882	806	1740	42.48	0.880	81.4	98.3	50.4
<b>45.6 OZ-FT</b>	<b>115.0</b>	<b>114.5</b>	<b>150.1</b>	<b>7.66</b>	<b>6.73</b>	<b>2.852</b>	<b>866</b>	<b>1734</b>	<b>45.60</b>	<b>0.941</b>	<b>81.1</b>	<b>98.3</b>	<b>50.4</b>
<b>0.975 HP</b>	<b>115.0</b>	<b>113.8</b>	<b>149.3</b>	<b>7.97</b>	<b>7.04</b>	<b>2.835</b>	<b>900</b>	<b>1731</b>	<b>47.32</b>	<b>0.975</b>	<b>80.8</b>	<b>98.2</b>	<b>50.4</b>
<b>1725 RPM</b>	<b>115.0</b>	<b>112.5</b>	<b>147.9</b>	<b>8.44</b>	<b>7.52</b>	<b>2.810</b>	<b>951</b>	<b>1725</b>	<b>49.98</b>	<b>1.026</b>	<b>80.5</b>	<b>98.0</b>	<b>50.4</b>
	115.0	111.4	146.3	9.01	8.09	2.780	1014	1719	53.08	1.086	79.9	97.9	50.4
	115.0	107.2	141.0	10.92	10.10	2.683	1216	1698	62.22	1.257	77.1	96.8	50.5
	115.0	103.1	136.0	12.81	12.09	2.599	1414	1675	70.24	1.401	73.9	96.0	50.7
	115.0	99.5	131.3	14.64	14.05	2.515	1601	1650	76.40	1.501	69.9	95.1	50.8
	115.0	95.8	126.9	16.44	15.98	2.433	1776	1624	81.87	1.583	66.5	93.9	50.9
	115.0	92.6	122.8	18.22	17.91	2.357	1941	1596	85.39	1.622	62.4	92.6	50.9
	115.0	89.6	119.4	19.94	19.78	2.294	2095	1565	87.31	1.627	57.9	91.3	51.0
	115.0	86.9	116.1	21.65	21.62	2.234	2239	1532	88.79	1.619	53.9	89.9	51.0
<b>BDT OZ-FT</b>	<b>115.0</b>	<b>84.6</b>	<b>113.4</b>	<b>23.29</b>	<b>23.41</b>	<b>2.182</b>	<b>2371</b>	<b>1496</b>	<b>89.08</b>	<b>1.586</b>	<b>49.9</b>	<b>88.5</b>	<b>51.0</b>
	115.0	84.6	113.4	23.29	23.41	2.182	2371	1496	89.08	1.586	49.9	88.5	51.0
	115.0	82.7	111.1	25.04	25.09	2.137	2487	1456	87.11	1.510	45.3	86.4	51.0
	115.0	81.0	109.3	26.54	26.71	2.103	2590	1414	84.72	1.426	41.1	84.9	51.0
	115.0	79.7	107.9	27.97	28.26	2.077	2682	1367	81.06	1.320	36.7	83.4	51.1
	115.0	79.0	107.0	29.32	29.73	2.060	2763	1317	77.11	1.209	32.6	81.9	51.0
	115.0	78.4	106.6	30.57	31.09	2.046	2829	1262	72.12	1.084	28.6	80.5	50.9
	115.0	78.0	106.4	31.75	32.38	2.043	2887	1203	66.30	0.949	24.5	79.1	50.9
	115.0	78.0	106.5	32.83	33.56	2.045	2934	1139	59.96	0.813	20.7	77.7	50.9
	115.0	78.3	106.8	33.82	34.64	2.053	2974	1070	53.23	0.678	17.0	76.4	51.0
	115.0	78.9	107.4	34.70	35.62	2.063	3001	996	45.82	0.543	13.5	75.2	50.9
	115.0	79.0	108.1	35.51	36.52	2.071	3018	914	37.86	0.412	10.2	73.9	50.8
	115.0	79.0	108.4	36.26	37.33	2.075	3031	828	29.17	0.288	7.1	72.7	50.8
	115.0	79.0	108.3	36.88	38.03	2.065	3026	735	18.20	0.159	3.9	71.4	50.6
	115.0	78.1	107.5	37.15	38.39	2.044	2978	636	8.09	0.061	1.5	69.7	50.4
	115.0	82.4	112.8	36.71	38.06	2.157	2963	534	19.97	0.127	3.2	70.2	50.7
	115.0	85.3	116.4	37.37	38.75	2.225	3029	421	14.01	0.070	1.7	70.5	50.7
	115.0	85.7	117.1	37.67	39.08	2.230	3040	301	10.64	0.038	0.9	70.2	50.5
	115.0	87.6	119.4	37.93	39.41	2.289	3047	172	-5.16	-0.011	0.0	69.8	50.8

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

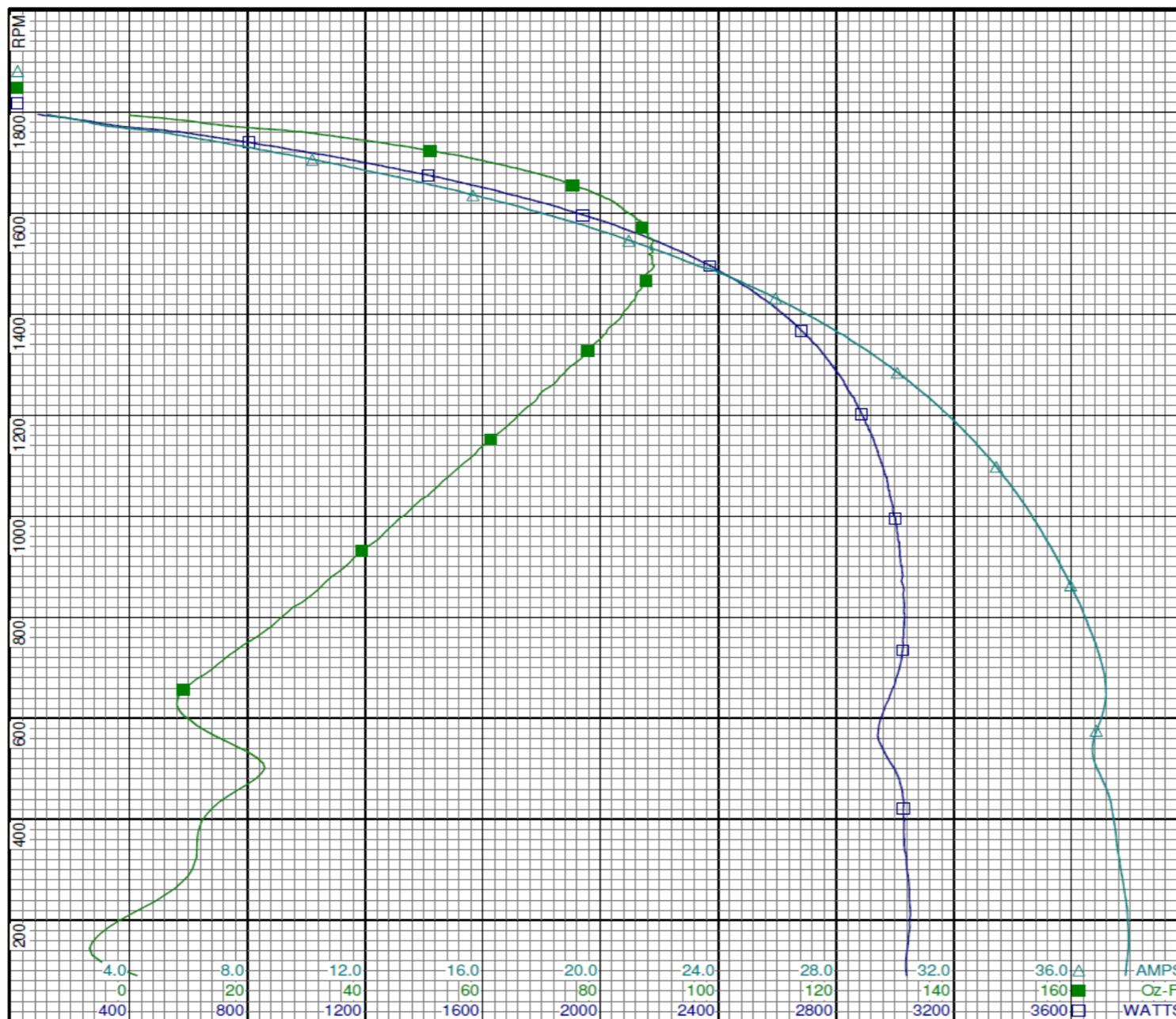
# Performance Data



4WNZ6BG

REV.

-



**Curve Descriptions:**

Motor(1) Test 7 Run 115V 60 Hz 4P  
Provide cap volts, IM & Iaux

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

**Motor Ratings:**

(1) T063CKE1458 4WNZ6BG

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

# Performance Data



**4WNZ6BG**

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## Dayton Manufacturing Company

### Motor Description

Model: T063CKE1458 4WNZ6BG  
 Motor ID: 2  
 Poles: 4  
 Volts: 115/208-230  
 Frequency: 60  
 HP: 3/4  
 Speed: 1725  
 Phase: 1  
 Protector: CEJ 66EY

### Test Conditions

Test Type: Start  
 Test Number: 5  
 Poles: 4  
 Volts: 230  
 Hz: 60  
 Rotation:  
 Special Cond: Provide Vcap, I main & I aux  
 Speed Conn:  
 TestBoard: Amtps Performance Fixture #1  
 Run Cap: 50  
 Start Cap: 594 ufd  
 Environment:  
 Tested: 4/2/2014 1:38:57 PM  
 Tested By: Sharp, Gerald  
 Gear Ratio: 1:1  
 Bearing Friction: -0.26 Oz-Ft  
 Windage Torque: -1.15 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Imain (A)	Iaux (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)	Cap
	230.0	94.5	125.8	26.47	22.99	28.48	5795	10	113.75	0.014	0.2	95.2	600.6
	230.0	94.3	125.5	26.44	22.82	28.39	5792	43	121.76	0.063	0.8	95.2	600.0
<b>PUT OZ-FT</b>	<b>230.0</b>	<b>93.6</b>	<b>124.2</b>	<b>26.35</b>	<b>22.40</b>	<b>28.08</b>	<b>5774</b>	<b>158</b>	<b>97.10</b>	<b>0.182</b>	<b>2.4</b>	<b>95.3</b>	<b>599.5</b>
	230.0	93.1	123.8	26.36	22.24	27.95	5773	184	100.60	0.221	2.9	95.2	598.9
	230.0	91.9	121.9	26.30	21.36	27.47	5773	321	118.48	0.452	5.8	95.4	597.9
	230.0	90.7	119.8	26.24	20.53	26.95	5761	445	126.42	0.670	8.7	95.5	596.8
	230.0	89.6	117.6	26.32	19.53	26.44	5788	559	135.96	0.905	11.7	95.6	596.2
	230.0	90.0	117.2	26.72	18.35	26.35	5895	667	143.95	1.143	14.5	95.9	596.4
	230.0	89.6	116.4	26.64	17.21	26.16	5912	766	152.05	1.386	17.5	96.5	595.9
	230.0	88.7	114.8	26.51	16.02	25.74	5892	858	158.54	1.620	20.5	96.6	594.8
	230.0	88.2	113.3	26.43	14.77	25.41	5896	942	164.85	1.848	23.4	97.0	595.0
	230.0	87.7	112.0	26.38	13.43	25.10	5897	1022	169.98	2.068	26.2	97.2	594.3
	230.0	87.7	111.0	26.32	12.03	24.88	5909	1095	174.41	2.274	28.7	97.6	594.8
	230.0	87.8	110.2	26.26	10.59	24.71	5912	1162	177.43	2.455	31.0	97.9	594.7
	230.0	88.1	109.8	26.21	9.10	24.60	5904	1224	178.48	2.601	32.9	97.9	594.3
	230.0	88.7	109.5	26.14	7.59	24.56	5907	1282	178.62	2.725	34.4	98.3	594.8
	230.0	89.4	109.8	26.08	6.04	24.58	5893	1335	176.82	2.810	35.6	98.2	593.7
	230.0	90.7	110.4	26.05	4.47	24.75	5901	1382	174.24	2.867	36.2	98.5	594.8
	230.0	92.3	111.5	26.02	2.89	25.04	5905	1426	169.52	2.879	36.4	98.7	595.5
	230.0	94.2	113.1	26.00	1.48	25.41	5906	1466	163.15	2.848	36.0	98.8	596.2
	230.0	96.3	115.1	25.97	1.21	25.93	5910	1504	155.40	2.782	35.1	98.9	597.6
	230.0	99.0	117.6	25.94	2.47	26.57	5915	1537	145.82	2.668	33.7	99.2	599.1
	230.0	101.7	120.6	25.88	3.99	27.30	5908	1568	134.39	2.508	31.7	99.3	600.4
	230.0	104.7	123.8	25.81	5.54	28.16	5908	1596	122.59	2.329	29.4	99.5	603.4
	230.0	107.9	127.3	25.73	7.11	29.11	5896	1623	107.68	2.080	26.3	99.6	606.3
	230.0	111.0	131.1	25.63	8.62	30.07	5877	1646	91.80	1.799	22.8	99.7	608.6
	230.0	114.2	135.0	25.50	10.18	31.14	5849	1668	75.39	1.497	19.1	99.7	611.9
	230.0	117.4	138.8	25.32	11.62	32.21	5815	1688	57.02	1.146	14.7	99.9	615.5
	230.0	120.7	143.0	25.09	13.16	33.38	5762	1710	36.57	0.744	9.6	99.9	619.1
	230.0	123.8	146.8	24.88	14.61	34.48	5719	1728	17.03	0.350	4.6	100.0	622.9
	230.0	126.2	150.0	24.64	15.80	35.43	5658	1743	0.00	0.000	0.0	99.8	626.6

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**4WNZ6BG** -

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

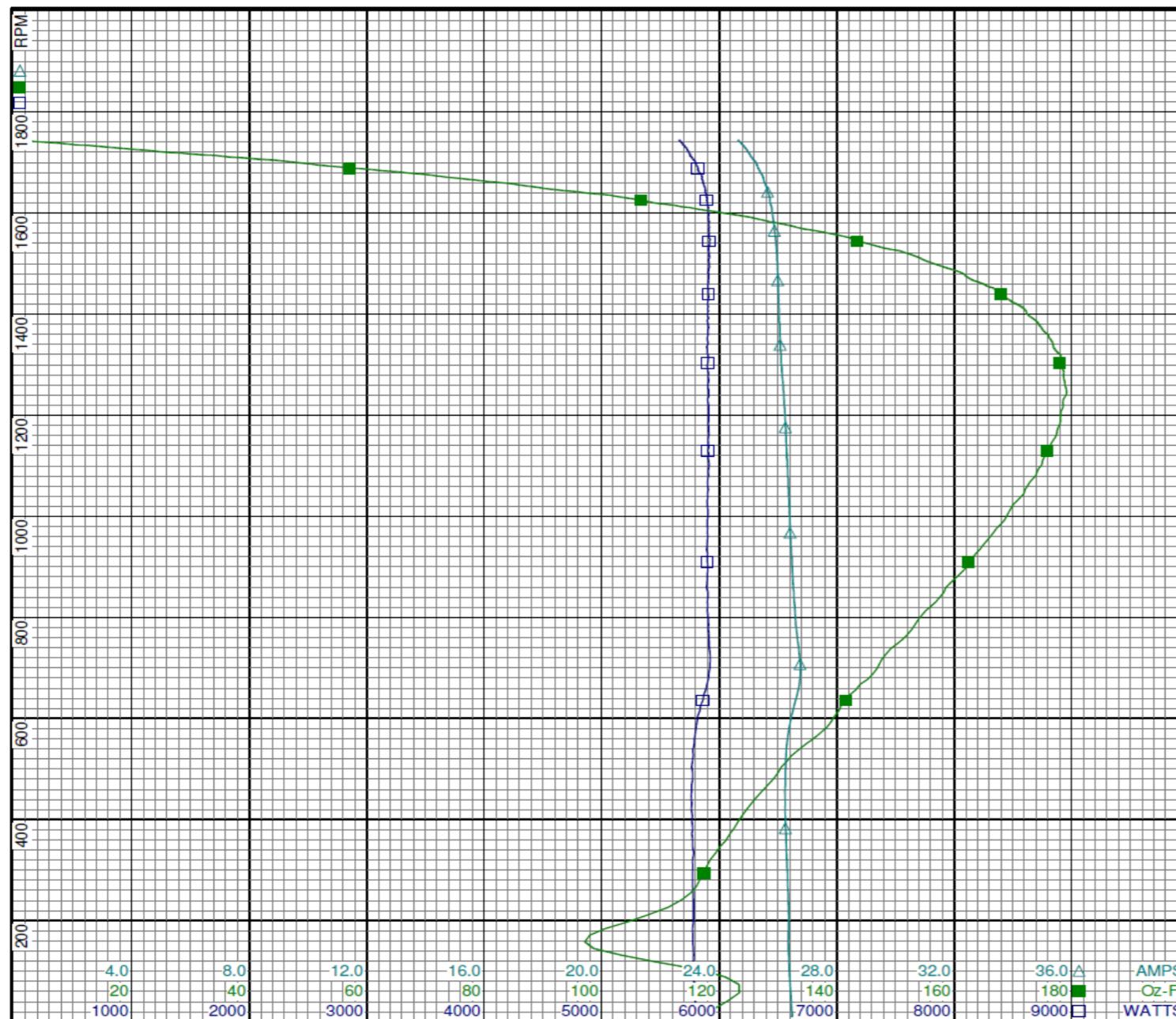
# Performance Data



4WNZ6BG

REV.

-



**Curve Descriptions:**

Motor(1) Test 5 Start 230V 60 Hz 4P  
Provide Vcap, I main & I aux

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

**Motor Ratings:**

(1) T063CKE1458 4WNZ6BG

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4WNZ6BG		-

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



# Performance Data



**4WNZ6BG**

REV.

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## Dayton Manufacturing Company

### Motor Description

Model: T063CKE1458 4WNZ6BG  
 Motor ID: 2  
 Poles: 4  
 Volts: 115/208-230  
 Frequency: 60  
 HP: 3/4  
 Speed: 1725  
 Phase: 1  
 Protector: CEJ 66EY

### Test Conditions

Test Type: Run  
 Test Number: 8  
 Poles: 4  
 Volts: 230  
 Hz: 60  
 Rotation:  
 Special Cond: Provide cap volts, Imain & Iau  
 Speed Conn:  
 TestBoard: Amtps Performance Fixture #1  
 Run Cap: 50  
 Start Cap: 594 ufd  
 Environment:  
 Tested: 4/2/2014 1:15:23 PM  
 Tested By: Sharp, Gerald  
 Gear Ratio: 1:1  
 Bearing Friction: -0.27 Oz-Ft  
 Windage Torque: -1.15 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Imain (A)	Iau (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)	Cap
	230.0	130.3	174.5	0.616	3.36	3.406	92	1795	0.00	0.000	0.0	64.9	51.8
	230.0	125.3	167.5	1.384	2.73	3.255	307	1778	12.68	0.268	65.1	96.6	51.5
	230.0	117.5	157.7	2.627	2.64	2.998	594	1759	30.49	0.638	80.2	98.2	50.4
<b>36.5 OZ-FT</b>	<b>230.0</b>	<b>115.2</b>	<b>154.9</b>	<b>3.091</b>	<b>2.89</b>	<b>2.939</b>	<b>699</b>	<b>1750</b>	<b>36.50</b>	<b>0.760</b>	<b>81.2</b>	<b>98.3</b>	<b>50.3</b>
<b>0.75 HP</b>	<b>230.0</b>	<b>115.4</b>	<b>155.2</b>	<b>3.053</b>	<b>2.87</b>	<b>2.944</b>	<b>690</b>	<b>1750</b>	<b>36.00</b>	<b>0.750</b>	<b>81.1</b>	<b>98.3</b>	<b>50.3</b>
<b>42 OZ-FT</b>	<b>230.0</b>	<b>113.2</b>	<b>152.3</b>	<b>3.543</b>	<b>3.18</b>	<b>2.890</b>	<b>799</b>	<b>1740</b>	<b>42.00</b>	<b>0.870</b>	<b>81.3</b>	<b>98.0</b>	<b>50.3</b>
	230.0	112.9	152.1	3.595	3.22	2.884	809	1739	42.58	0.882	81.3	97.9	50.3
<b>45.6 OZ-FT</b>	<b>230.0</b>	<b>111.7</b>	<b>150.6</b>	<b>3.856</b>	<b>3.42</b>	<b>2.856</b>	<b>869</b>	<b>1734</b>	<b>45.60</b>	<b>0.941</b>	<b>80.8</b>	<b>97.9</b>	<b>50.3</b>
<b>0.975 HP</b>	<b>230.0</b>	<b>111.1</b>	<b>149.7</b>	<b>4.000</b>	<b>3.53</b>	<b>2.841</b>	<b>900</b>	<b>1730</b>	<b>47.33</b>	<b>0.975</b>	<b>80.8</b>	<b>97.8</b>	<b>50.3</b>
<b>1725 RPM</b>	<b>230.0</b>	<b>109.9</b>	<b>148.4</b>	<b>4.245</b>	<b>3.74</b>	<b>2.816</b>	<b>953</b>	<b>1725</b>	<b>50.13</b>	<b>1.029</b>	<b>80.6</b>	<b>97.6</b>	<b>50.3</b>
	230.0	108.8	146.8	4.540	3.99	2.788	1018	1719	53.21	1.089	79.8	97.5	50.4
	230.0	104.7	141.8	5.485	4.90	2.698	1218	1698	62.43	1.262	77.3	96.6	50.5
	230.0	100.8	136.9	6.445	5.88	2.613	1420	1675	70.73	1.410	74.1	95.8	50.6
	230.0	97.1	132.3	7.377	6.88	2.532	1611	1650	77.57	1.524	70.6	94.9	50.8
	230.0	93.4	128.0	8.283	7.87	2.453	1783	1625	82.80	1.601	67.0	93.6	50.8
	230.0	89.9	124.0	9.167	8.87	2.378	1947	1597	85.89	1.633	62.6	92.3	50.9
	230.0	86.7	120.2	10.050	9.86	2.311	2105	1565	89.00	1.658	58.8	91.1	51.0
	230.0	83.7	116.9	10.908	10.84	2.247	2249	1532	89.77	1.637	54.3	89.7	51.0
<b>BDT OZ-FT</b>	<b>230.0</b>	<b>82.9</b>	<b>115.9</b>	<b>11.153</b>	<b>11.12</b>	<b>2.231</b>	<b>2290</b>	<b>1522</b>	<b>90.51</b>	<b>1.640</b>	<b>53.4</b>	<b>89.3</b>	<b>51.1</b>
	230.0	81.0	113.9	11.821	11.78	2.192	2387	1496	89.68	1.597	49.9	87.8	51.0
	230.0	78.7	111.4	12.622	12.70	2.144	2505	1456	88.34	1.531	45.6	86.3	51.0
	230.0	76.8	109.2	13.389	13.58	2.105	2615	1413	86.53	1.456	41.5	84.9	51.1
	230.0	75.1	107.7	14.106	14.41	2.072	2707	1367	82.95	1.350	37.2	83.4	51.0
	230.0	73.5	106.6	14.786	15.20	2.047	2781	1317	78.46	1.231	33.0	81.8	50.9
	230.0	72.8	105.8	15.429	15.95	2.033	2850	1262	73.32	1.102	28.8	80.3	51.0
	230.0	72.0	105.5	16.022	16.65	2.023	2905	1203	67.73	0.970	24.9	78.8	50.9
	230.0	71.4	105.3	16.566	17.29	2.016	2948	1139	61.44	0.833	21.1	77.4	50.8
	230.0	71.4	105.3	17.060	17.87	2.017	2988	1069	54.52	0.694	17.3	76.2	50.8
	230.0	71.3	105.6	17.509	18.41	2.021	3016	995	47.00	0.557	13.8	74.9	50.8
	230.0	71.2	105.9	17.928	18.91	2.027	3034	915	39.03	0.425	10.5	73.6	50.7
	230.0	71.2	106.3	18.291	19.35	2.028	3041	828	29.90	0.295	7.2	72.3	50.6
	230.0	70.9	105.8	18.612	19.74	2.018	3040	735	19.10	0.167	4.1	71.0	50.6
	230.0	69.8	104.8	18.741	19.96	1.995	2988	636	9.16	0.069	1.7	69.3	50.5
	230.0	73.5	110.0	18.519	19.85	2.094	2973	533	21.23	0.135	3.4	69.8	50.5
	230.0	76.5	113.7	18.857	20.22	2.163	3038	421	15.12	0.076	1.9	70.1	50.4
	230.0	76.9	114.4	19.004	20.39	2.171	3051	300	9.85	0.035	0.9	69.8	50.4
	230.0	78.3	116.4	19.143	20.60	2.216	3056	171	-3.30	-0.007	0.0	69.4	50.5

DRAWING NO. PAGE 7 of 8 REV.  
**4WNZ6BG** -

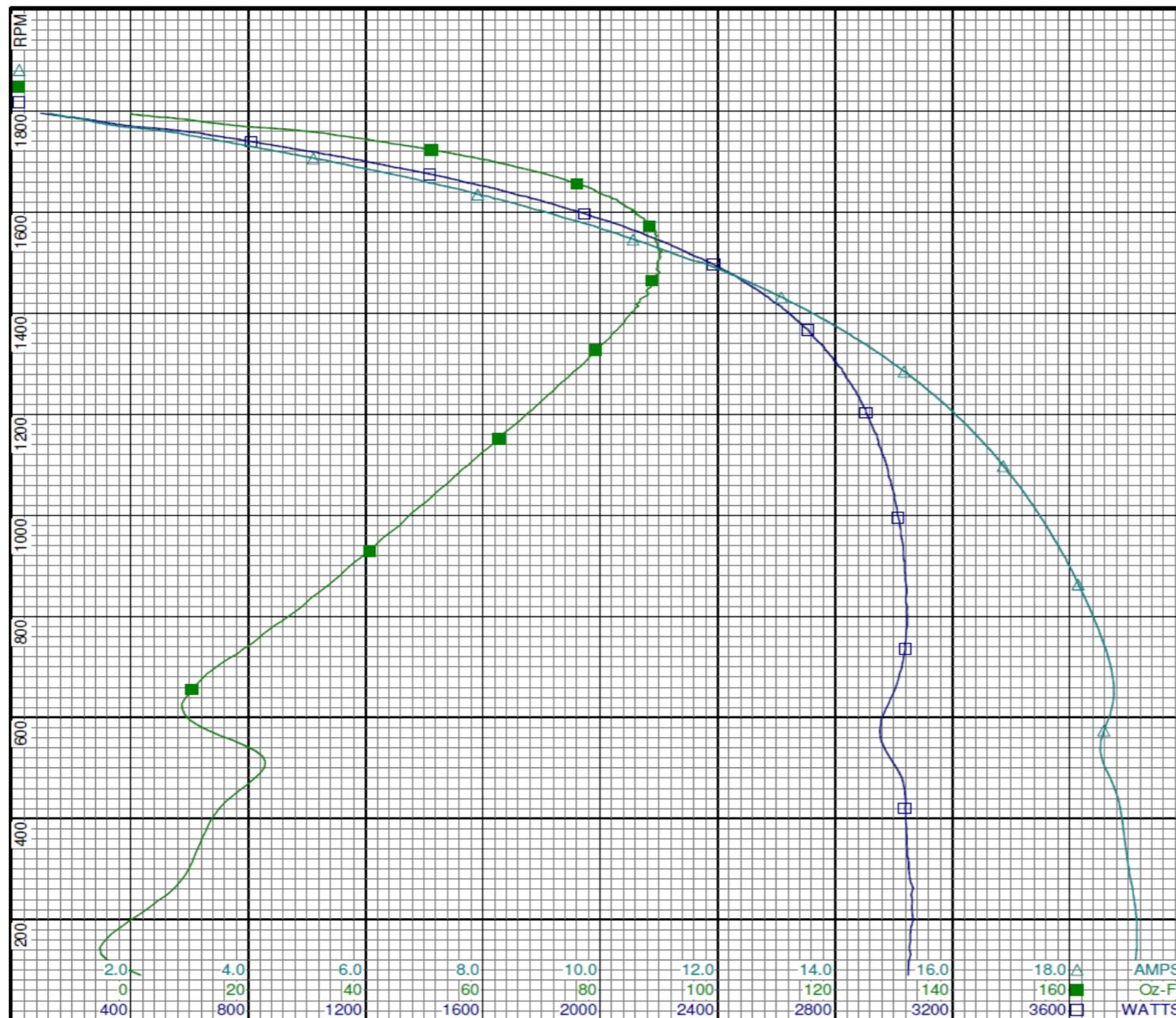
# Performance Data



4WNZ6BG

REV.

-



### Curve Descriptions:

Motor(1) Test 8 Run 230V 60 Hz 4P  
Provide cap volts, I<sub>main</sub> & I<sub>au</sub>

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

### Motor Ratings:

(1) T063CKE1458 4WNZ6BG

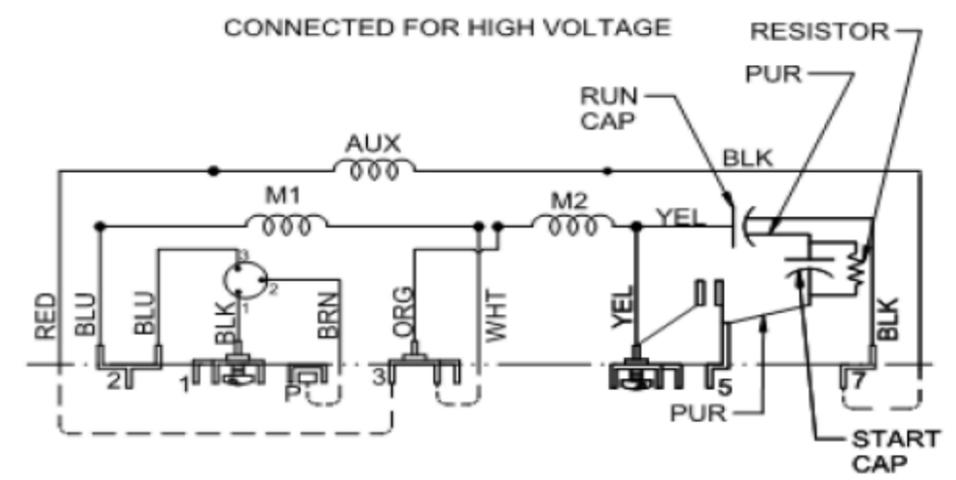
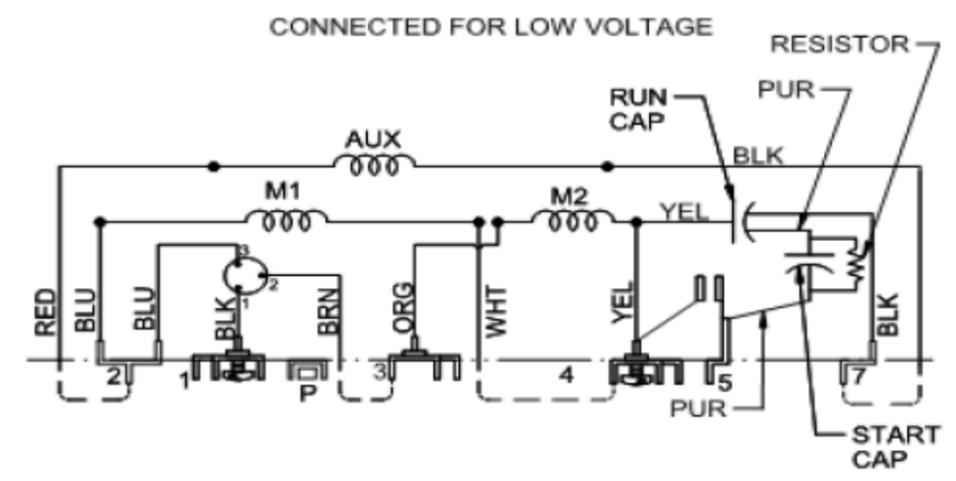
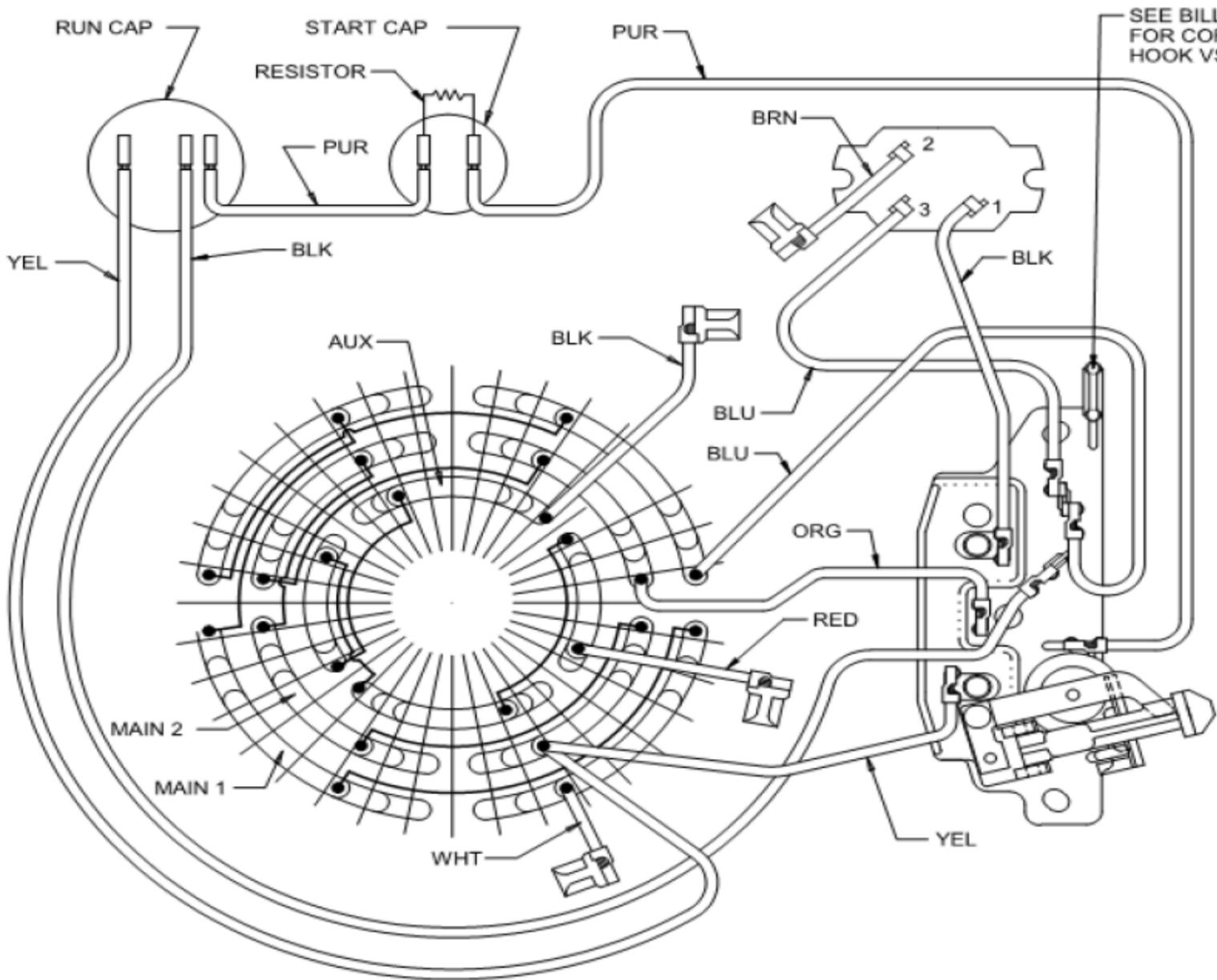
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4WNZ6BG		-

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

# Wiring Diagram



**4WNZ6BG**      REV. -



ROTATION: CCW SWITCH END REVERSIBLE TO REVERSE ROTATION INTERCHANGE BLACK AND RED LEADS  
T 4P DUAL VOLT REVERSIBLE W/CAPS & PROT

DRAWING NO. PAGE 1 of 1 REV. -  
**4WNZ6BG**

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

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**Dayton**<sup>®</sup>**FARM DUTY MOTOR**

HP: 3/4

VOLTS: 115/208-230

AMPS: 6.1/3.4-3.1

RPM: 1725

DUTY: CONT

SF: 1.30

KVA CODE: K

ENCL: TEAO

THERMALLY PROTECTED: AUTO

MFG. NO.   PROT. CODE:  00300

MTR REF: T63CXCKE-1458

S.F. AT 208V IS 1.00

**BAR CODE**Part No **4WNZ6BG**

PH: 1

HZ: 60

FR: 56

INS CL: B

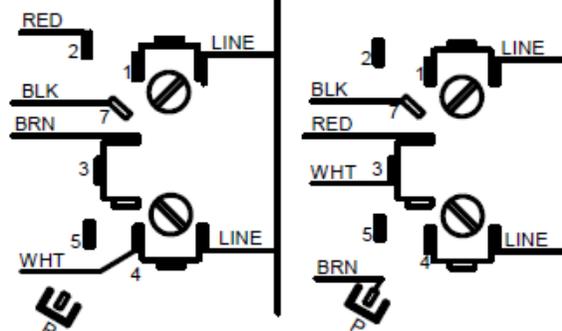
AMB: 40 °C

SFA: 7.8/3.4-4.0

AVG. F.L.  
EFF.**Disconnect Power Before Making Any  
Electrical Connections or Changes****CONNECTIONS**

115 VOLT

208-230 VOLT

MOTOR IS CW ROTATION SHAFT END  
TO REVERSE ROTATION INTERCHANGE  
RED AND BLACK LEADS.

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

 Made in Mexico