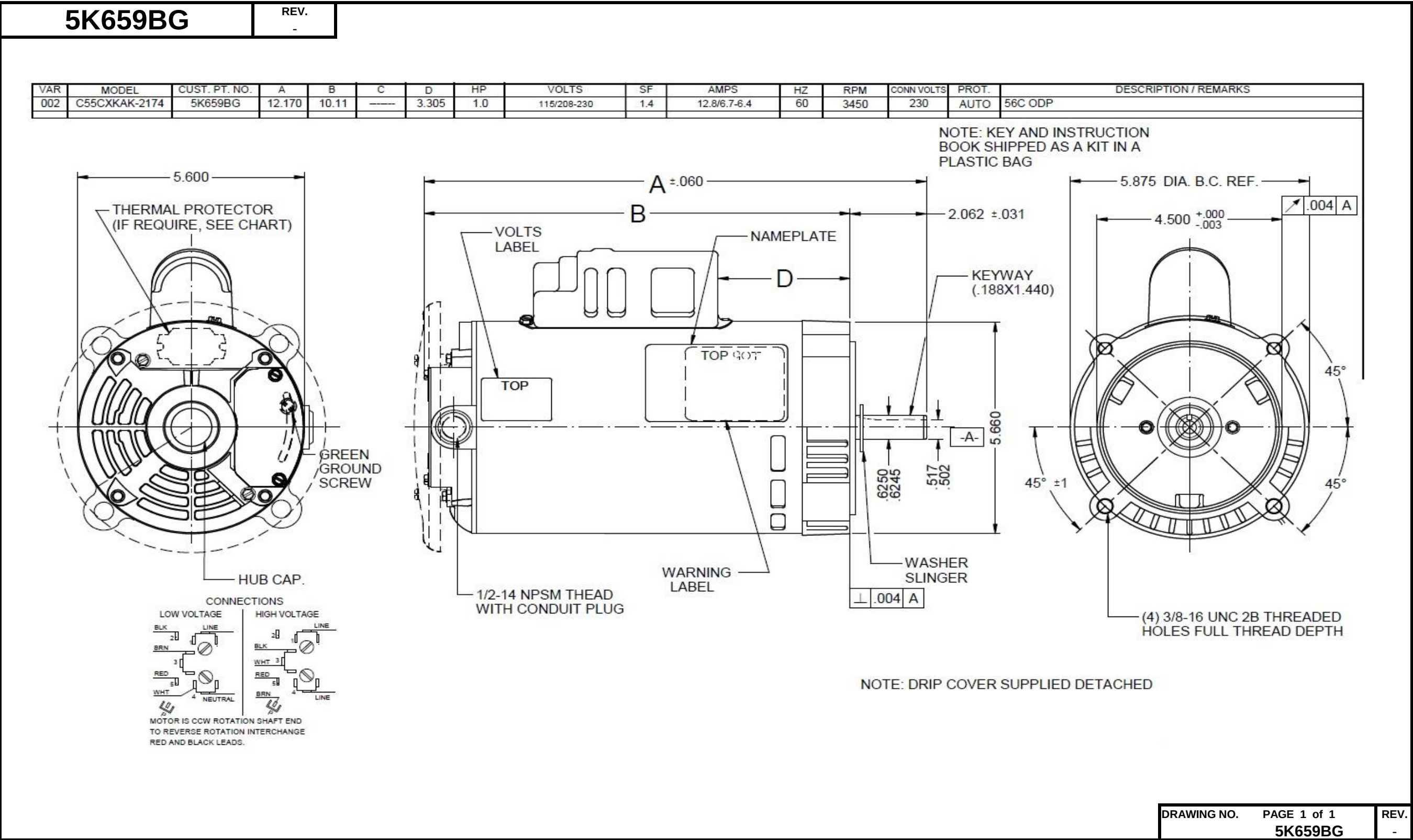


Dimensional Drawing



Performance Data



5K659BG

REV.
-

MOTOR PERFORMANCE

HP:	1							
Poles:	2							
No. of Speeds:	1							
Volts:	115/208-230	115	208	230				
HZ:	60	60	60	60				
Service Factor:	1.4							
Efficiency:	@ Rated Load	73.6	73.3	73.4				
Power Factor:	@ Rated Load	80.0	85.0	79.4				
Amps:	@ No Load							
	@ Rated Load	11.2	5.82	5.7				
	@ Service Factor	14.3	7.9	7.2				
	@ Locked Rotor	74.1	33.4	27.7				
RPM:	@ Rated Load	3515	3494	3516				
Ambient (°C):	40							
Altitude (FASL):								
Torques:	Breakdown	69.2	55.4	70.1				
	Locked Rotor	37.7	31.8	36.9				
	Pull-Up	33.9	28.6	33.2				
	Rated Load	24.3	24.3	24.3				
	Service Factor	34	34	34				
Watts:	Rated Load	1031	1029	1034				
KVA Code:	K	K	H	H				
Temperature Rise:	@ Rated Load	22.8	21.6	22.8				
	@ Service Factor	36.2	51.6	36.2				
Thermal Protector:	Trip Temp (°C)	106	119.8	118.7				
Winding Material:	Start (Auxiliary)	Cu	Cu	Cu				
	Run (Main)	Cu	Cu	Cu				
Capacitor(s):	Start (MFD / Volts)	198.45						
	No. of Start Capacitors							
	Run (MFD / Volts)	N/A						
	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.
5K659BG -

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

Performance Data



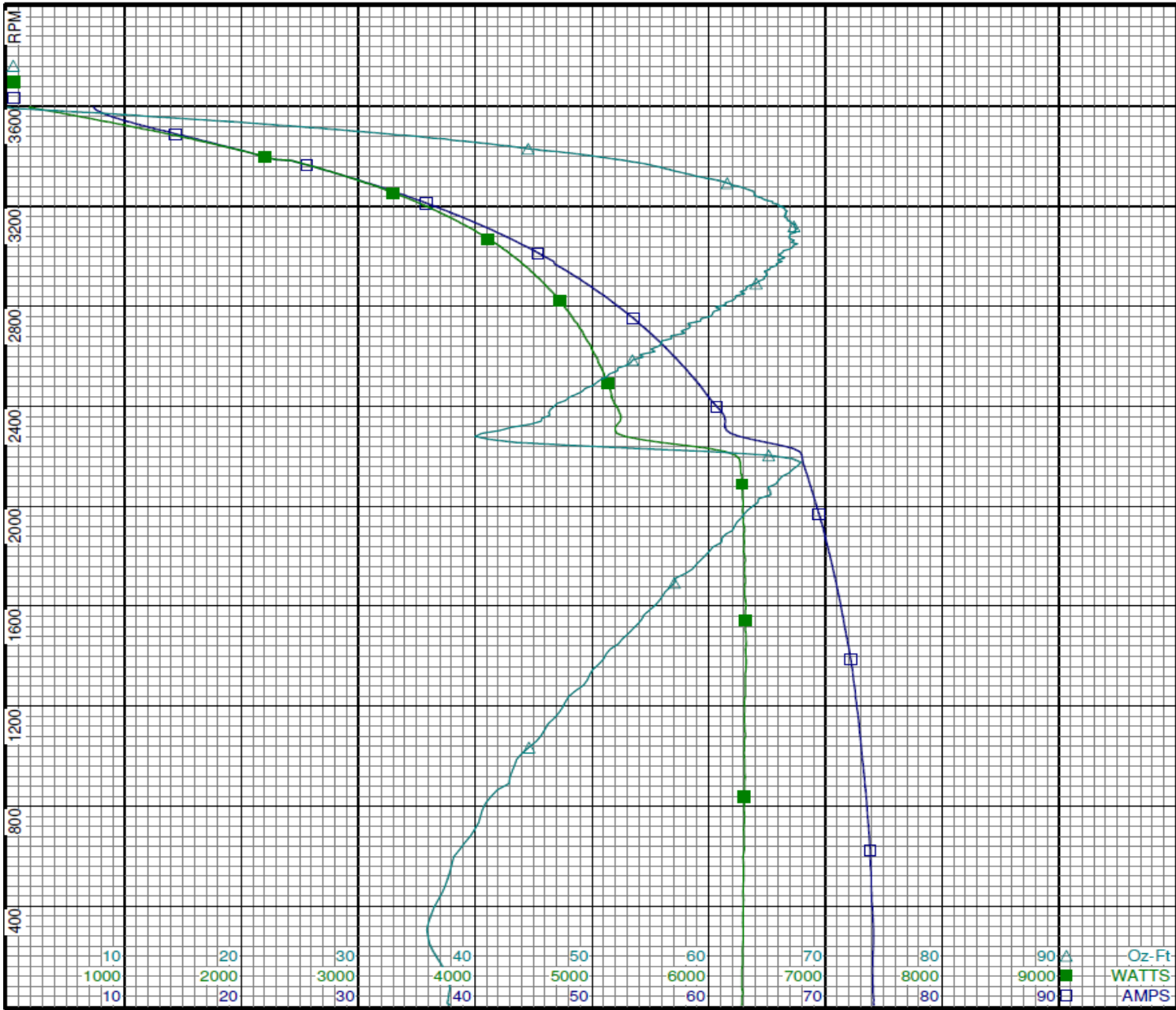
5K659BG		REV. -							
Dayton Manufacturing Company									
Motor Description				Test Conditions					
Model:	C055KAK217401 5K659BG			Test Type:	Start		Run Cap:	0	
Motor ID:	1			Test Number:	1		Start Cap:	198µfd 110 VOLTS	
Poles:	2			Poles:	2		Environment:	22.0 Deg C 26 % RH 991 hPa	
Volts:	115/208-230			Volts:	115		Tested:	3/30/2016 10:03:58 AM	
Frequency:	60			Hz:	60		Tested By:	Sharp, Gerald	
HP:	1			Rotation:	CW		Gear Ratio:	1:1	
Speed:	3450			Special Cond:			Bearing Friction:	-0.35 Oz-Ft	
Phase:	1			Speed Conn:			Windage Torque:	-2.42 Oz-Ft	
Protector:	AUTO			TestBoard:	Amps Performance		Fixture #3		
Special Points	Vline (V)	Iline (A)	Watts	RPM	Tq(Oz-ft)	HP	Eff (%)	PF (%)	
	115.0	74.13	6281	4	37.72	0.002	0.0	73.7	
	115.0	74.07	6284	72	37.83	0.032	0.4	73.8	
	115.0	74.09	6295	307	35.87	0.131	1.6	73.9	
	115.0	74.04	6291	365	36.24	0.157	1.9	73.9	
	115.0	73.73	6303	680	39.61	0.321	3.8	74.3	
	115.0	73.22	6306	963	43.37	0.497	5.9	74.9	
	115.0	72.62	6304	1218	47.73	0.692	8.2	75.5	
	115.0	71.91	6322	1448	52.23	0.900	10.6	76.4	
	115.0	71.06	6310	1658	56.28	1.111	13.1	77.2	
	115.0	70.10	6303	1854	61.07	1.348	16.0	78.2	
	115.0	69.03	6290	2030	64.28	1.553	18.4	79.2	
	115.0	68.00	6262	2190	67.17	1.751	20.9	80.1	
	115.0	61.39	5218	2328	44.72	1.239	17.7	73.9	
	115.0	59.63	5161	2458	49.14	1.438	20.8	75.3	
	115.0	57.31	5051	2586	53.49	1.646	24.3	76.6	
	115.0	54.78	4915	2701	57.65	1.854	28.1	78.0	
	115.0	52.07	4756	2806	61.46	2.053	32.2	79.4	
	115.0	49.21	4570	2900	64.25	2.218	36.2	80.8	
	115.0	46.48	4369	2985	65.89	2.342	40.0	81.7	
	115.0	43.33	4135	3063	67.29	2.454	44.3	83.0	
	115.0	40.09	3876	3133	67.01	2.499	48.1	84.1	
	115.0	36.74	3600	3196	66.31	2.523	52.3	85.2	
	115.0	33.31	3296	3254	63.87	2.474	56.0	86.0	
	115.0	29.83	2975	3308	60.37	2.377	59.6	86.7	
	115.0	26.25	2630	3357	55.77	2.229	63.2	87.1	
	115.0	21.63	2166	3402	49.81	2.018	69.5	87.1	
	115.0	18.15	1796	3445	41.95	1.721	71.5	86.0	
	115.0	14.63	1395	3486	33.19	1.378	73.7	82.9	
	115.0	11.18	970	3528	22.31	0.937	72.1	75.4	
	115.0	8.38	521	3567	9.68	0.411	58.8	54.1	
	115.0	7.36	182	3596	0.00	0.000	0.0	21.4	

Performance Data



5K659BG

REV.
-



Curve Descriptions:
Motor(1) Test 1 Start 115V 60
Hz 2P CW 198ufd Start
□ SPEED vs ILine
■ SPEED vs WATTS
△ SPEED vs TORQUE

Motor Ratings:
(1) C055KAK217401 ID: 1
5K659BG

DRAWING NO.	PAGE 2 of 8	REV.
5K659BG		-

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

Performance Data



5K659BG

REV.
-

Dayton Manufacturing Company

Motor Description			Test Conditions					
Model:	C055KAK217401	5K659BG	Test Type:	Run	Run Cap:	0		
Motor ID:	1		Test Number:	2	Start Cap:	198µfd 110 VOLTS		
Poles:	2		Poles:	2	Environment:	22.2 Deg C 28 % RH 989 hPa		
Volts:	115/208-230		Volts:	115	Tested:	3/30/2016 11:51:56 AM		
Frequency:	60		Hz:	60	Tested By:	Sharp, Gerald		
HP:	1		Rotation:	CW	Gear Ratio:	1:1		
Speed:	3450		Special Cond:		Bearing Friction:	-0.37 Oz-Ft		
Phase:	1		Speed Conn:		Windage Torque:	-2.60 Oz-Ft		
Protector:	AUTO		TestBoard:	Amps Performance	Fixture #3			
Special Points	Vline (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	115.0	6.62	199	3580	0.00	0.000	0.0	26.2
	115.0	8.96	724	3540	15.83	0.667	68.7	70.3
24.3 OZ-FT	115.0	11.20	1031	3515	24.30	1.017	73.6	80.0
1 HP	115.0	11.08	1015	3516	23.89	1.000	73.5	79.6
	115.0	12.57	1199	3501	28.96	1.207	75.1	83.0
34 OZ-FT	115.0	14.32	1404	3482	34.00	1.409	74.9	85.3
	115.0	16.35	1635	3460	39.76	1.637	74.7	86.9
3450 RPM	115.0	17.28	1738	3450	41.93	1.722	73.9	87.5
	115.0	20.12	2039	3418	48.40	1.969	72.0	88.1
	115.0	24.92	2527	3374	54.53	2.191	64.7	88.2
	115.0	28.55	2883	3328	60.26	2.388	61.8	87.8
	115.0	32.11	3215	3278	64.21	2.506	58.2	87.1
	115.0	35.52	3515	3225	67.17	2.579	54.7	86.0
	115.0	38.79	3793	3169	68.12	2.570	50.5	85.0
BDT OZ-FT	115.0	40.70	3948	3132	69.17	2.579	48.7	84.3
	115.0	41.91	4040	3107	68.80	2.544	47.0	83.8
	115.0	44.92	4265	3040	68.75	2.488	43.5	82.6
	115.0	47.77	4467	2967	67.07	2.369	39.6	81.3
	115.0	50.17	4639	2889	64.89	2.231	35.9	80.4
	115.0	52.71	4792	2802	62.15	2.073	32.3	79.1
	115.0	55.06	4926	2708	58.47	1.885	28.5	77.8
	115.0	57.27	5042	2607	54.68	1.697	25.1	76.6
	115.0	59.27	5131	2497	50.54	1.503	21.8	75.3
	115.0	61.19	5218	2374	46.07	1.302	18.6	74.1
	115.0	62.87	5278	2244	41.60	1.112	15.7	73.0
	115.0	64.41	5320	2102	36.77	0.920	12.9	71.8
	115.0	65.82	5363	1947	31.57	0.732	10.2	70.8
	115.0	66.99	5397	1786	27.23	0.579	8.0	70.1
	115.0	67.99	5411	1622	22.71	0.438	6.0	69.2
	115.0	71.65	6331	1440	54.10	0.928	10.9	76.8
	115.0	71.94	6285	1260	49.03	0.735	8.7	76.0
	115.0	72.34	6261	1038	44.78	0.554	6.6	75.3
	115.0	72.75	6273	805	41.44	0.397	4.7	75.0
	115.0	73.03	6270	559	38.45	0.256	3.0	74.7
	115.0	73.15	6257	300	35.89	0.128	1.5	74.4

DRAWING NO.

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REV.

5K659BG

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	5K659BG	-

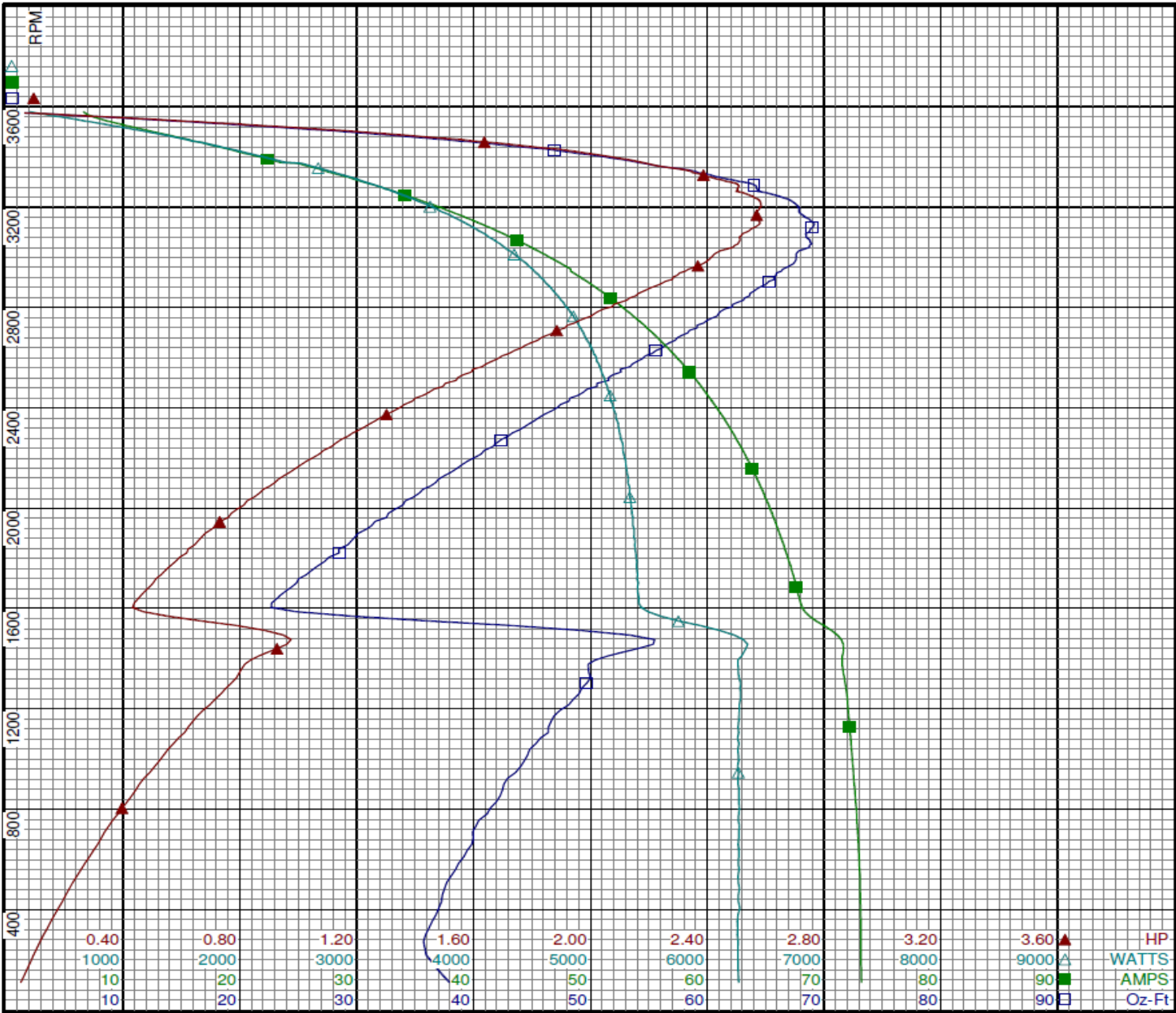
Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

Performance Data



5K659BG

REV.
-



Curve Descriptions:
Motor(1) Test 2 Run 115V 60 Hz 2P
CW
□ SPEED vs TORQUE
■ SPEED vs ILine
△ SPEED vs WATTS
▲ SPEED vs HP

Motor Ratings:
(1) C055KAK217401 ID: 1
5K659BG

Performance Data



5K659BG

REV.
-

Dayton Manufacturing Company

Motor Description			Test Conditions					
Model:	C055KAK217401	5K659BG	Test Type:	Start	Run Cap:	0		
Motor ID:	1		Test Number:	5	Start Cap:	198µfd 110 VOLTS		
Poles:	2		Poles:	2	Environment:	22.1 Deg C 26 % RH 1002 hPa		
Volts:	115/208-230		Volts:	230	Tested:	3/29/2016 1:33:46 PM		
Frequency:	60		Hz:	60	Tested By:	Sharp, Gerald		
HP:	1		Rotation:	CW	Gear Ratio:	1:1		
Speed:	3450		Special Cond:		Bearing Friction:	-0.15 Oz-Ft		
Phase:	1		Speed Conn:		Windage Torque:	-2.27 Oz-Ft		
Protector:	AUTO		TestBoard:	Amps Performance	Fixture #3			

Special Points	Vline (V)	Iline (A)	Watts	RPM	Tq(Oz-ft)	HP	Eff (%)	PF (%)
	230.0	37.71	6367	4	36.89	0.002	0.0	73.4
	230.0	37.65	6360	72	38.28	0.033	0.4	73.5
	230.0	37.58	6349	307	35.07	0.128	1.5	73.5
	230.0	37.54	6351	366	35.67	0.155	1.8	73.6
	230.0	37.38	6351	680	39.26	0.318	3.7	73.9
	230.0	37.10	6355	963	43.54	0.499	5.9	74.5
	230.0	36.76	6336	1217	47.44	0.687	8.1	74.9
	230.0	36.42	6349	1448	51.45	0.887	10.4	75.8
	230.0	36.08	6342	1658	55.52	1.096	12.9	76.4
	230.0	36.02	6439	1854	58.41	1.289	14.9	77.7
	230.0	35.10	6413	2030	62.94	1.521	17.7	79.4
	230.0	34.28	6098	2190	53.68	1.399	17.1	77.4
	230.0	30.79	5222	2326	45.21	1.252	17.9	73.7
	230.0	29.70	5116	2459	49.40	1.446	21.1	74.9
	230.0	28.52	4998	2586	54.50	1.678	25.0	76.2
	230.0	27.23	4860	2701	57.67	1.854	28.5	77.6
	230.0	25.89	4696	2805	61.63	2.058	32.7	78.9
	230.0	24.45	4522	2899	64.30	2.220	36.6	80.4
	230.0	23.05	4318	2985	65.71	2.335	40.3	81.4
	230.0	21.49	4089	3062	66.93	2.440	44.5	82.7
	230.0	19.88	3833	3132	66.68	2.486	48.4	83.8
	230.0	18.21	3553	3196	65.44	2.489	52.3	84.8
	230.0	16.53	3261	3253	63.53	2.460	56.3	85.8
	230.0	14.81	2943	3307	59.48	2.342	59.4	86.4
	230.0	13.06	2605	3357	55.21	2.206	63.2	86.7
	230.0	10.82	2165	3402	49.17	1.991	68.6	87.0
	230.0	9.07	1794	3445	41.87	1.717	71.4	86.0
	230.0	7.32	1402	3486	33.20	1.378	73.3	83.2
	230.0	5.65	991	3527	22.36	0.939	70.7	76.3
	230.0	4.17	546	3567	9.99	0.424	57.9	57.0
	230.0	3.57	212	3597	0.00	0.000	0.0	25.7

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REV.

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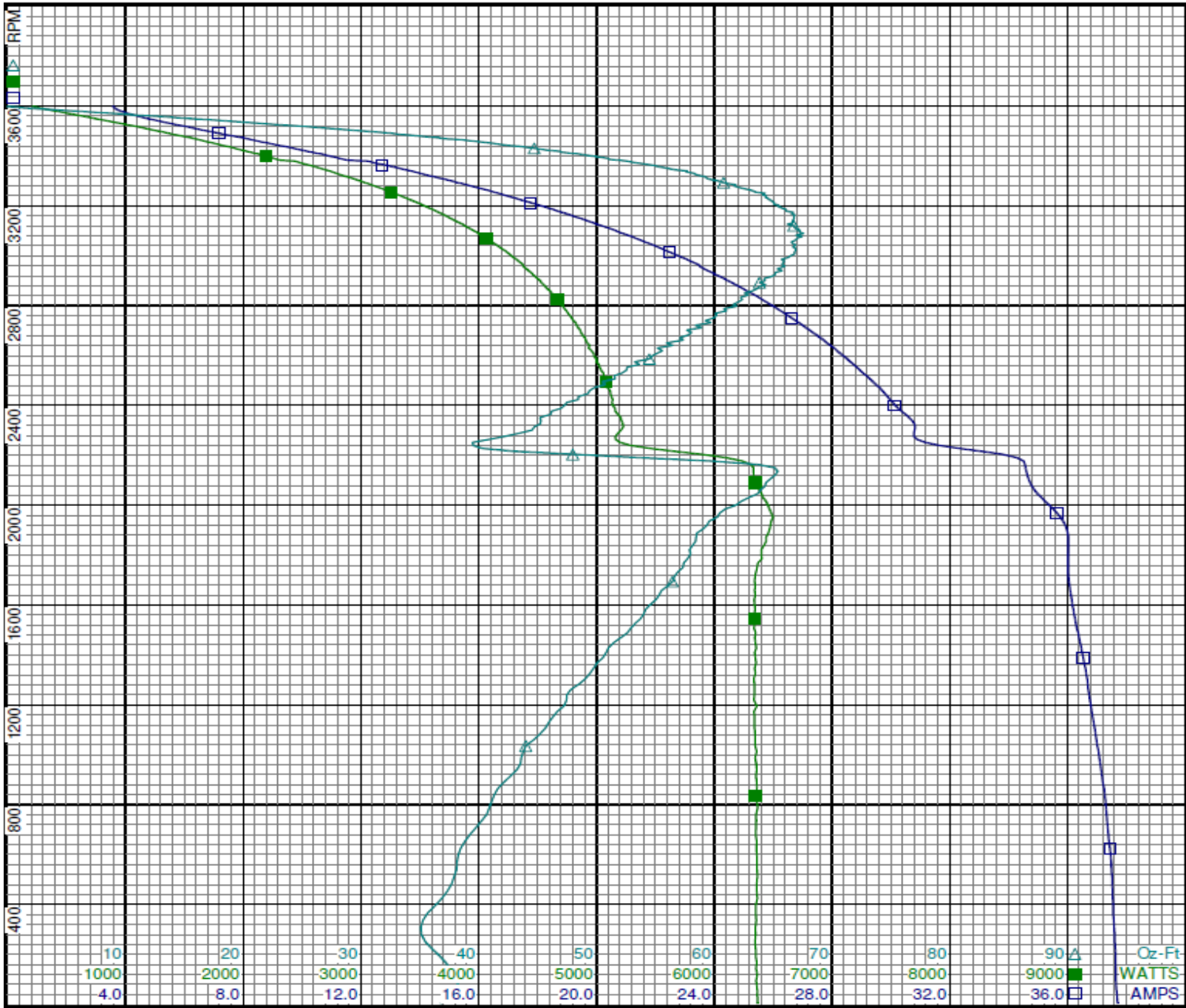
Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

Performance Data



5K659BG

REV.
-



Curve Descriptions:
Motor(1) Test 5 Start 230V 60 Hz 2P
CW 198ufd Start
□ SPEED vs ILine
■ SPEED vs WATTS
△ SPEED vs TORQUE

Motor Ratings:
(1) C055KAK217401 ID: 1
5K659BG

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

Performance Data



5K659BG			REV. -																																																																																																																																																																																																																																																																																																																																												
Dayton Manufacturing Company																																																																																																																																																																																																																																																																																																																																															
Motor Description				Test Conditions																																																																																																																																																																																																																																																																																																																																											
Model:		C055KAK217401 5K659BG		Test Type:		Run		Run Cap:		0																																																																																																																																																																																																																																																																																																																																					
Motor ID:		1		Test Number:		6		Start Cap:		198µfd 110 VOLTS																																																																																																																																																																																																																																																																																																																																					
Poles:		2		Poles:		2		Environment:		22.2 Deg C 26 % RH 1001 hPa																																																																																																																																																																																																																																																																																																																																					
Volts:		115/208-230		Volts:		230		Tested:		3/29/2016 2:32:56 PM																																																																																																																																																																																																																																																																																																																																					
Frequency:		60		Hz:		60		Tested By:		Sharp, Gerald																																																																																																																																																																																																																																																																																																																																					
HP:		1		Rotation:		CW		Gear Ratio:		1:1																																																																																																																																																																																																																																																																																																																																					
Speed:		3450		Special Cond:				Bearing Friction:		-0.38 Oz-Ft																																																																																																																																																																																																																																																																																																																																					
Phase:		1		Speed Conn:				Windage Torque:		-2.40 Oz-Ft																																																																																																																																																																																																																																																																																																																																					
Protector:		AUTO		TestBoard:		Amps Performance		Fixture #3																																																																																																																																																																																																																																																																																																																																							
<table><tr><td>Special Points</td><td>Vline (V)</td><td>Iline (A)</td><td>Watts</td><td>RPM</td><td>Tq(Oz-ft)</td><td>HP</td><td>Eff (%)</td><td>PF (%)</td></tr><tr><td></td><td>230.0</td><td>3.32</td><td>167</td><td>3584</td><td>0.00</td><td>0.000</td><td>0.0</td><td>21.9</td></tr><tr><td></td><td>230.0</td><td>4.42</td><td>695</td><td>3543</td><td>15.02</td><td>0.634</td><td>68.0</td><td>68.3</td></tr><tr><td>1 HP</td><td>230.0</td><td>5.61</td><td>1021</td><td>3517</td><td>23.88</td><td>1.000</td><td>73.1</td><td>79.1</td></tr><tr><td>24.3 OZ-FT</td><td>230.0</td><td>5.66</td><td>1034</td><td>3516</td><td>24.30</td><td>1.017</td><td>73.4</td><td>79.4</td></tr><tr><td></td><td>230.0</td><td>6.22</td><td>1172</td><td>3504</td><td>27.96</td><td>1.167</td><td>74.3</td><td>82.0</td></tr><tr><td>34 OZ-FT</td><td>230.0</td><td>7.21</td><td>1408</td><td>3483</td><td>34.00</td><td>1.410</td><td>74.7</td><td>84.9</td></tr><tr><td></td><td>230.0</td><td>8.10</td><td>1609</td><td>3464</td><td>38.93</td><td>1.605</td><td>74.4</td><td>86.4</td></tr><tr><td>3450 RPM</td><td>230.0</td><td>8.75</td><td>1752</td><td>3450</td><td>42.08</td><td>1.728</td><td>73.6</td><td>87.1</td></tr><tr><td></td><td>230.0</td><td>10.01</td><td>2021</td><td>3423</td><td>48.03</td><td>1.957</td><td>72.2</td><td>87.8</td></tr><tr><td></td><td>230.0</td><td>12.35</td><td>2493</td><td>3378</td><td>54.71</td><td>2.200</td><td>65.8</td><td>87.7</td></tr><tr><td></td><td>230.0</td><td>14.19</td><td>2853</td><td>3333</td><td>60.27</td><td>2.392</td><td>62.5</td><td>87.4</td></tr><tr><td></td><td>230.0</td><td>15.99</td><td>3185</td><td>3284</td><td>64.63</td><td>2.527</td><td>59.2</td><td>86.6</td></tr><tr><td></td><td>230.0</td><td>17.71</td><td>3492</td><td>3231</td><td>67.22</td><td>2.586</td><td>55.2</td><td>85.7</td></tr><tr><td></td><td>230.0</td><td>19.36</td><td>3775</td><td>3175</td><td>68.64</td><td>2.594</td><td>51.3</td><td>84.8</td></tr><tr><td></td><td>230.0</td><td>20.96</td><td>4025</td><td>3113</td><td>69.58</td><td>2.579</td><td>47.8</td><td>83.5</td></tr><tr><td>BDT OZ-FT</td><td>230.0</td><td>22.34</td><td>4235</td><td>3054</td><td>70.06</td><td>2.547</td><td>44.9</td><td>82.4</td></tr><tr><td></td><td>230.0</td><td>22.49</td><td>4258</td><td>3047</td><td>69.75</td><td>2.530</td><td>44.3</td><td>82.3</td></tr><tr><td></td><td>230.0</td><td>23.84</td><td>4454</td><td>2975</td><td>68.33</td><td>2.420</td><td>40.5</td><td>81.2</td></tr><tr><td></td><td>230.0</td><td>25.21</td><td>4634</td><td>2897</td><td>66.06</td><td>2.278</td><td>36.7</td><td>79.9</td></tr><tr><td></td><td>230.0</td><td>26.51</td><td>4804</td><td>2810</td><td>63.40</td><td>2.121</td><td>32.9</td><td>78.8</td></tr><tr><td></td><td>230.0</td><td>27.72</td><td>4928</td><td>2719</td><td>59.86</td><td>1.937</td><td>29.3</td><td>77.3</td></tr><tr><td></td><td>230.0</td><td>28.84</td><td>5049</td><td>2618</td><td>56.63</td><td>1.765</td><td>26.1</td><td>76.1</td></tr><tr><td></td><td>230.0</td><td>29.87</td><td>5142</td><td>2508</td><td>52.01</td><td>1.553</td><td>22.5</td><td>74.8</td></tr><tr><td></td><td>230.0</td><td>30.85</td><td>5219</td><td>2386</td><td>47.13</td><td>1.339</td><td>19.1</td><td>73.6</td></tr><tr><td></td><td>230.0</td><td>31.71</td><td>5286</td><td>2256</td><td>42.53</td><td>1.142</td><td>16.1</td><td>72.5</td></tr><tr><td></td><td>230.0</td><td>32.52</td><td>5335</td><td>2113</td><td>38.01</td><td>0.956</td><td>13.4</td><td>71.3</td></tr><tr><td></td><td>230.0</td><td>33.22</td><td>5379</td><td>1963</td><td>33.16</td><td>0.775</td><td>10.7</td><td>70.4</td></tr><tr><td></td><td>230.0</td><td>33.83</td><td>5403</td><td>1803</td><td>28.19</td><td>0.605</td><td>8.4</td><td>69.4</td></tr><tr><td></td><td>230.0</td><td>34.36</td><td>5426</td><td>1636</td><td>23.55</td><td>0.459</td><td>6.3</td><td>68.7</td></tr><tr><td></td><td>230.0</td><td>36.70</td><td>6414</td><td>1466</td><td>54.64</td><td>0.953</td><td>11.1</td><td>76.0</td></tr><tr><td></td><td>230.0</td><td>36.83</td><td>6372</td><td>1280</td><td>49.21</td><td>0.750</td><td>8.8</td><td>75.2</td></tr><tr><td></td><td>230.0</td><td>37.04</td><td>6355</td><td>1062</td><td>45.10</td><td>0.570</td><td>6.7</td><td>74.6</td></tr><tr><td></td><td>230.0</td><td>37.26</td><td>6360</td><td>829</td><td>41.56</td><td>0.410</td><td>4.8</td><td>74.2</td></tr><tr><td></td><td>230.0</td><td>37.40</td><td>6371</td><td>585</td><td>38.47</td><td>0.268</td><td>3.1</td><td>74.1</td></tr><tr><td></td><td>230.0</td><td>37.47</td><td>6363</td><td>326</td><td>35.92</td><td>0.139</td><td>1.6</td><td>73.8</td></tr></table>												Special Points	Vline (V)	Iline (A)	Watts	RPM	Tq(Oz-ft)	HP	Eff (%)	PF (%)		230.0	3.32	167	3584	0.00	0.000	0.0	21.9		230.0	4.42	695	3543	15.02	0.634	68.0	68.3	1 HP	230.0	5.61	1021	3517	23.88	1.000	73.1	79.1	24.3 OZ-FT	230.0	5.66	1034	3516	24.30	1.017	73.4	79.4		230.0	6.22	1172	3504	27.96	1.167	74.3	82.0	34 OZ-FT	230.0	7.21	1408	3483	34.00	1.410	74.7	84.9		230.0	8.10	1609	3464	38.93	1.605	74.4	86.4	3450 RPM	230.0	8.75	1752	3450	42.08	1.728	73.6	87.1		230.0	10.01	2021	3423	48.03	1.957	72.2	87.8		230.0	12.35	2493	3378	54.71	2.200	65.8	87.7		230.0	14.19	2853	3333	60.27	2.392	62.5	87.4		230.0	15.99	3185	3284	64.63	2.527	59.2	86.6		230.0	17.71	3492	3231	67.22	2.586	55.2	85.7		230.0	19.36	3775	3175	68.64	2.594	51.3	84.8		230.0	20.96	4025	3113	69.58	2.579	47.8	83.5	BDT OZ-FT	230.0	22.34	4235	3054	70.06	2.547	44.9	82.4		230.0	22.49	4258	3047	69.75	2.530	44.3	82.3		230.0	23.84	4454	2975	68.33	2.420	40.5	81.2		230.0	25.21	4634	2897	66.06	2.278	36.7	79.9		230.0	26.51	4804	2810	63.40	2.121	32.9	78.8		230.0	27.72	4928	2719	59.86	1.937	29.3	77.3		230.0	28.84	5049	2618	56.63	1.765	26.1	76.1		230.0	29.87	5142	2508	52.01	1.553	22.5	74.8		230.0	30.85	5219	2386	47.13	1.339	19.1	73.6		230.0	31.71	5286	2256	42.53	1.142	16.1	72.5		230.0	32.52	5335	2113	38.01	0.956	13.4	71.3		230.0	33.22	5379	1963	33.16	0.775	10.7	70.4		230.0	33.83	5403	1803	28.19	0.605	8.4	69.4		230.0	34.36	5426	1636	23.55	0.459	6.3	68.7		230.0	36.70	6414	1466	54.64	0.953	11.1	76.0		230.0	36.83	6372	1280	49.21	0.750	8.8	75.2		230.0	37.04	6355	1062	45.10	0.570	6.7	74.6		230.0	37.26	6360	829	41.56	0.410	4.8	74.2		230.0	37.40	6371	585	38.47	0.268	3.1	74.1		230.0	37.47	6363	326	35.92	0.139	1.6	73.8
Special Points	Vline (V)	Iline (A)	Watts	RPM	Tq(Oz-ft)	HP	Eff (%)	PF (%)																																																																																																																																																																																																																																																																																																																																							
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1 HP	230.0	5.61	1021	3517	23.88	1.000	73.1	79.1																																																																																																																																																																																																																																																																																																																																							
24.3 OZ-FT	230.0	5.66	1034	3516	24.30	1.017	73.4	79.4																																																																																																																																																																																																																																																																																																																																							
	230.0	6.22	1172	3504	27.96	1.167	74.3	82.0																																																																																																																																																																																																																																																																																																																																							
34 OZ-FT	230.0	7.21	1408	3483	34.00	1.410	74.7	84.9																																																																																																																																																																																																																																																																																																																																							
	230.0	8.10	1609	3464	38.93	1.605	74.4	86.4																																																																																																																																																																																																																																																																																																																																							
3450 RPM	230.0	8.75	1752	3450	42.08	1.728	73.6	87.1																																																																																																																																																																																																																																																																																																																																							
	230.0	10.01	2021	3423	48.03	1.957	72.2	87.8																																																																																																																																																																																																																																																																																																																																							
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	230.0	14.19	2853	3333	60.27	2.392	62.5	87.4																																																																																																																																																																																																																																																																																																																																							
	230.0	15.99	3185	3284	64.63	2.527	59.2	86.6																																																																																																																																																																																																																																																																																																																																							
	230.0	17.71	3492	3231	67.22	2.586	55.2	85.7																																																																																																																																																																																																																																																																																																																																							
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	230.0	22.49	4258	3047	69.75	2.530	44.3	82.3																																																																																																																																																																																																																																																																																																																																							
	230.0	23.84	4454	2975	68.33	2.420	40.5	81.2																																																																																																																																																																																																																																																																																																																																							
	230.0	25.21	4634	2897	66.06	2.278	36.7	79.9																																																																																																																																																																																																																																																																																																																																							
	230.0	26.51	4804	2810	63.40	2.121	32.9	78.8																																																																																																																																																																																																																																																																																																																																							
	230.0	27.72	4928	2719	59.86	1.937	29.3	77.3																																																																																																																																																																																																																																																																																																																																							
	230.0	28.84	5049	2618	56.63	1.765	26.1	76.1																																																																																																																																																																																																																																																																																																																																							
	230.0	29.87	5142	2508	52.01	1.553	22.5	74.8																																																																																																																																																																																																																																																																																																																																							
	230.0	30.85	5219	2386	47.13	1.339	19.1	73.6																																																																																																																																																																																																																																																																																																																																							
	230.0	31.71	5286	2256	42.53	1.142	16.1	72.5																																																																																																																																																																																																																																																																																																																																							
	230.0	32.52	5335	2113	38.01	0.956	13.4	71.3																																																																																																																																																																																																																																																																																																																																							
	230.0	33.22	5379	1963	33.16	0.775	10.7	70.4																																																																																																																																																																																																																																																																																																																																							
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Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

Performance Data



5K659BG

REV.
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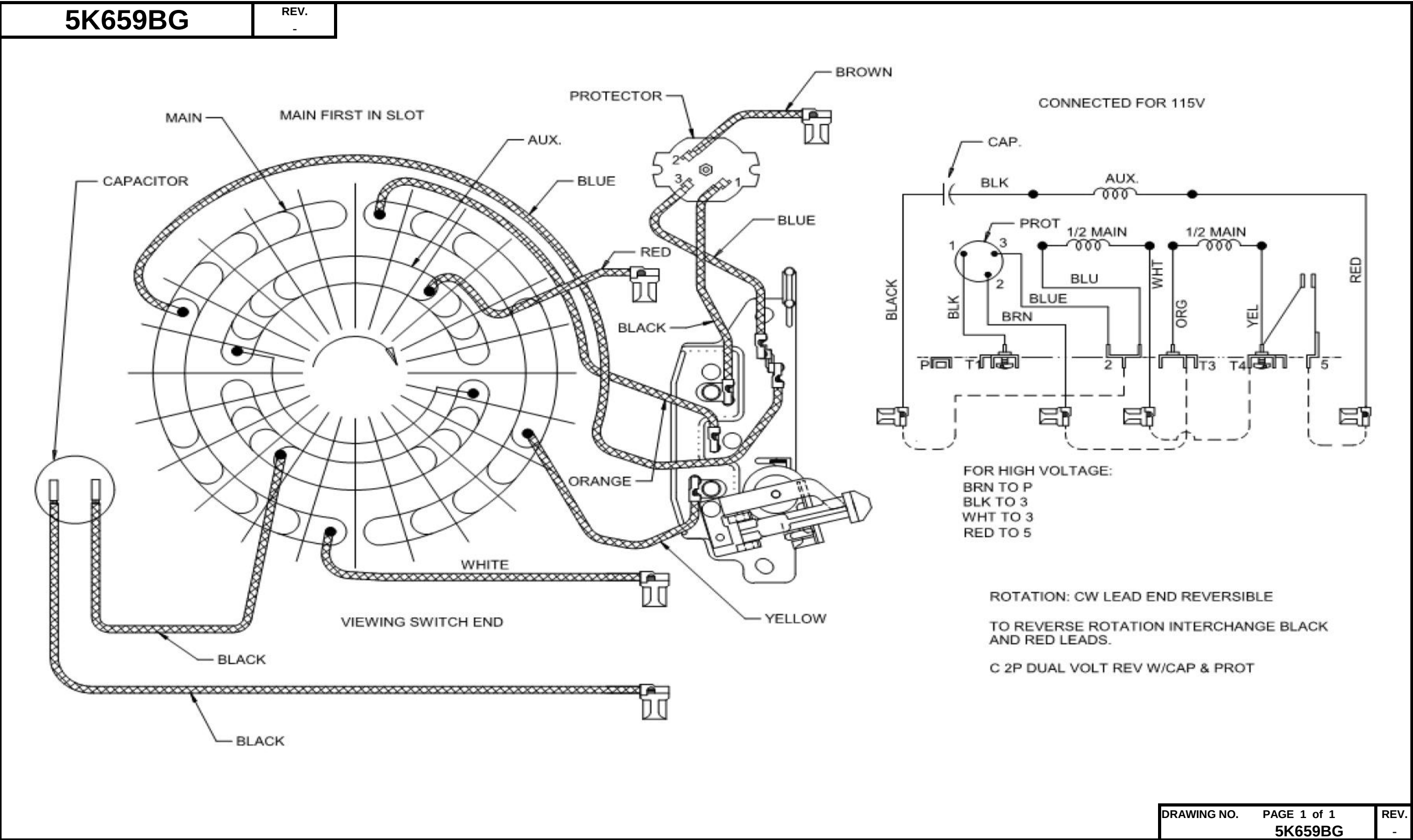


Curve Descriptions:
Motor(1) Test 6 Run 230V 60 Hz 2P CW

- SPEED vs TORQUE
- SPEED vs ILine
- △ SPEED vs WATTS
- ▲ SPEED vs HP

Motor Ratings:
(1) C055KAK217401 ID: 1
5K659BG

Wiring Diagram



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

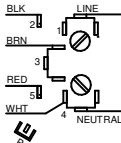
Dayton®

JET PUMP MOTOR

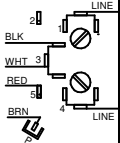
HP: 1**VOLTS: 115/208-230****AMPS: 12.8/6.7-6.4****RPM: 3450****DUTY: CONT****SF: 1.4****KVA CODE: L****ENCL: ODP****THERMALLY PROTECTED: AUTO**MFG. NO. PROT. CODE: **MTR REF: C55CXKAK-2174****PH: 1****HZ: 60****FR: 56C****INS CL: B****AMB: 40 °C****SFA: 15.4/8.5-7.7**AVG. F.L.
EFF.Part
No **5K659BG****Disconnect Power Before Making
Any Electrical Connections or Changes**

CONNECTIONS

LOW VOLTAGE



HIGH VOLTAGE



MOTOR IS CCW 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