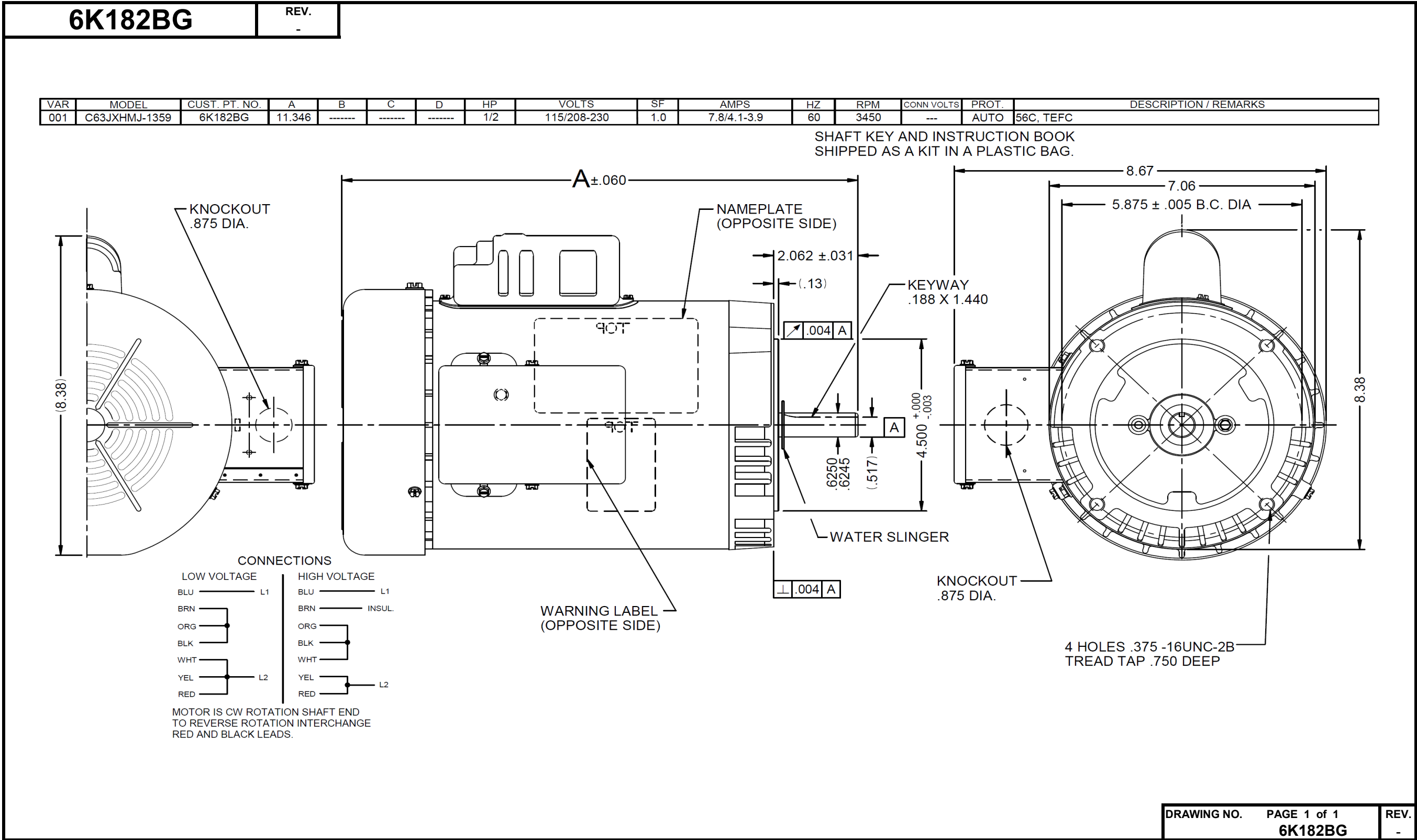


# Dimensional Drawing



DRAWING NO. 6K182BG	PAGE 1 of 1	REV. -
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# Performance Data



**6K182BG**

REV.  
-

## MOTOR PERFORMANCE

HP:	1/2								
Poles:	2								
No. of Speeds:	1								
Volts:	115/208-230	115	208	230					
HZ:	60	60	60	60					
Service Factor:	1								
Efficiency:	@ Rated Load	57.8	56.3	54.6					
Power Factor:	@ Rated Load	76.5	81.6	77.3					
Amps:	@ No Load								
	@ Rated Load	7.5	3.9	3.9					
	@ Service Factor								
	@ Locked Rotor	41	29.2	33					
RPM:	@ Rated Load	3415	3482	3499					
Ambient (°C):	40								
Altitude (FASL):									
Torques:	Breakdown	34.5	27.6	34.3					
	Locked Rotor	31.5	46.4	57.5					
	Pull-Up	29	45.7	57.1					
	Rated Load	12.2	12.2	12.2					
	Service Factor								
Watts:	Rated Load	657	668	692					
KVA Code:	R	L	N	R					
Temperature Rise:	@ Rated Load	53.9	59.6	54.3					
	@ Service Factor								
Thermal Protector:	Trip Temp (°C)	142.8	148.4	148					
Winding Material:	Start (Auxiliary)	AI	AI	AI					
	Run (Main)	AI	AI	AI					
Capacitor(s):	Start (MFD / Volts)	297							
	No. of Start Capacitors								
	Run (MFD / Volts)	297 / 110							
	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.  
6K182BG -

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

# Performance Data



**6K182BG**      REV.  
-

## Dayton Manufacturing Company

### Motor Description

Model: C063HMJ135901 6K182BG  
 Motor ID: 1  
 Poles: 2  
 Volts: 115/208-230  
 Frequency: 60  
 HP: 1/2  
 Speed: 3450  
 Phase: 1  
 Protector: AUTO

### Test Conditions

Test Type: Start      Run Cap: 0  
 Test Number: 2      Start Cap: 297 MFD 110 VOLTS  
 Poles: 2      Environment:  
 Volt: 115      Test: 12/17/2002 8:11:04 AM  
 Hz: 60      Tested By: Crocker, Jason  
 Rotation:  
 Special Cond:      Bearing Friction: -0.28 Oz-Ft  
 Speed Conn:      Windage Torque: -4.58 Oz-Ft  
 TestBoard:      Amtps Performance      Fixture #1

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	77.4	107.8	40.99	38.47	11.725	3888	1	31.51	0.000	0.0	82.5	288.4
	115.0	77.0	107.3	41.00	38.39	11.681	3886	66	30.04	0.024	0.5	82.4	288.7
<b>PUT OZ-FT</b>	<b>115.0</b>	<b>76.6</b>	<b>106.7</b>	<b>40.92</b>	<b>38.26</b>	<b>11.602</b>	<b>3885</b>	<b>183</b>	<b>28.97</b>	<b>0.063</b>	<b>1.2</b>	<b>82.6</b>	<b>288.5</b>
	115.0	75.8	105.6	40.95	38.11	11.483	3895	351	30.58	0.128	2.4	82.7	288.4
	115.0	74.7	104.0	40.83	37.77	11.289	3893	623	31.31	0.232	4.4	82.9	287.9
	115.0	73.5	102.3	40.69	37.35	11.106	3897	873	33.92	0.353	6.7	83.3	288.0
	115.0	72.5	100.9	40.52	36.86	10.936	3903	1105	35.86	0.472	9.0	83.7	287.4
	115.0	71.7	99.9	40.39	36.39	10.825	3914	1320	36.64	0.576	11.0	84.3	287.5
	115.0	70.5	97.9	40.14	35.86	10.600	3915	1520	39.20	0.710	13.5	84.8	287.1
	115.0	69.1	96.2	39.85	35.25	10.394	3912	1706	41.64	0.846	16.1	85.4	286.5
	115.0	68.1	94.7	39.56	34.58	10.221	3917	1878	43.93	0.982	18.7	86.1	286.3
	115.0	67.0	93.0	39.23	33.85	10.036	3917	2037	46.51	1.128	21.5	86.8	286.3
	115.0	66.1	91.5	38.87	33.08	9.877	3918	2184	48.88	1.271	24.2	87.6	286.2
	115.0	95.1	97.4	33.08	33.46	-0.570	2628	2315	17.12	0.472	13.4	69.1	-15.5
	115.0	94.5	94.8	32.48	32.42	-0.018	2682	2443	22.42	0.652	18.1	71.8	-0.5
	115.0	94.2	94.6	31.48	31.39	0.003	2649	2559	24.62	0.750	21.1	73.2	0.1
	115.0	93.5	93.9	30.38	30.30	0.001	2603	2666	26.61	0.845	24.2	74.5	0.0
	115.0	93.0	93.3	29.21	29.11	0.002	2546	2766	28.62	0.942	27.6	75.8	0.0
	115.0	92.6	92.9	27.95	27.86	0.000	2479	2855	30.80	1.047	31.5	77.1	0.0
	115.0	92.3	92.6	26.59	26.48	0.002	2401	2939	31.49	1.102	34.2	78.5	0.1
	115.0	92.1	92.4	25.13	25.12	0.001	2309	3015	32.33	1.161	37.5	79.9	0.0
	115.0	91.8	92.0	23.57	23.56	0.001	2202	3087	33.03	1.214	41.1	81.2	0.0
	115.0	91.4	91.8	22.02	22.00	0.001	2085	3149	33.14	1.243	44.5	82.3	0.0
	115.0	91.4	91.6	20.40	20.38	0.002	1956	3207	32.99	1.259	48.0	83.4	0.1
	115.0	91.3	91.6	18.69	18.66	0.002	1807	3261	31.56	1.225	50.6	84.1	0.1
	115.0	90.9	91.3	17.01	16.98	0.007	1656	3310	30.06	1.184	53.3	84.7	0.2
	115.0	90.7	90.9	15.15	15.12	0.040	1479	3358	27.70	1.107	55.8	84.9	1.2
	115.0	90.3	90.7	13.39	13.36	0.001	1302	3400	25.00	1.012	58.0	84.5	0.0
	115.0	89.9	90.3	11.48	11.48	0.001	1097	3442	20.71	0.848	57.7	83.1	0.0
	115.0	89.8	90.0	9.65	9.64	0.001	893	3481	16.68	0.691	57.8	80.4	0.0
	115.0	89.7	89.8	7.86	7.84	-0.009	671	3518	11.44	0.479	53.3	74.3	-0.3
	115.0	89.1	89.4	6.22	6.21	0.001	427	3557	4.85	0.206	35.9	59.7	0.0
	115.0	89.0	89.2	5.40	5.39	0.001	249	3584	0.00	0.000	0.0	40.1	0.0

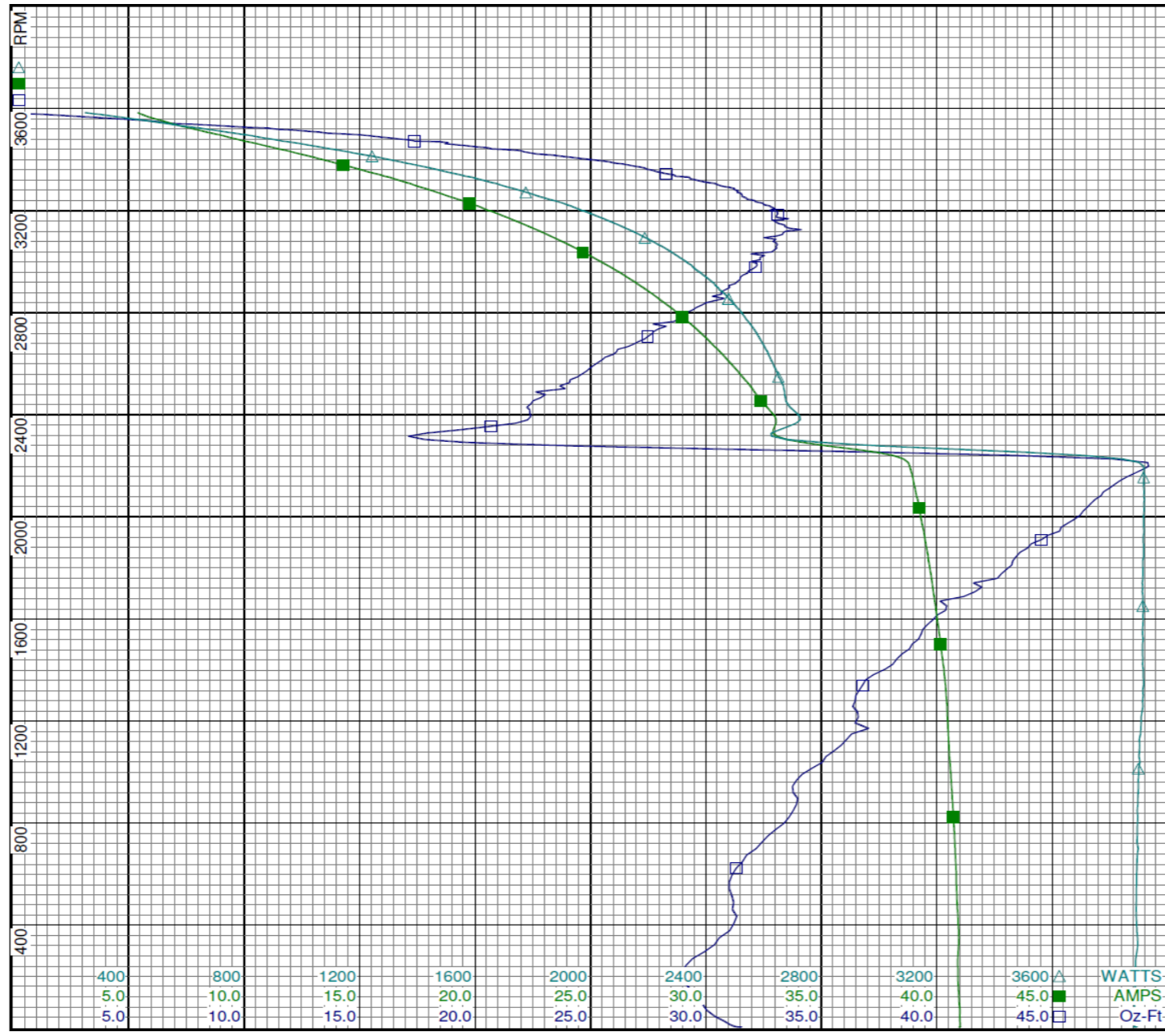
DRAWING NO.      PAGE 1 of 8      REV.  
**6K182BG**      -

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

# Performance Data



**6K182BG**      REV. -



**Dayton**

Curve Descriptions:  
Motor(1) Test 2 Start 115V 60 Hz 2P

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

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Motor Ratings:  
(1) C063HMJ135901 ID: 1  
6K182BG

DRAWING NO.	PAGE 2 of 8	REV.
	<b>6K182BG</b>	-

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

# Performance Data



<b>6K182BG</b>	REV. -
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## Dayton Manufacturing Company

### Motor Description

Model: C063HMJ135901 6K182BG  
 Motor ID: 1  
 Poles: 2  
 Volts: 115/208-230  
 Frequency: 60  
 HP: 1/2  
 Speed: 3450  
 Phase: 1  
 Protector: AUTO

### Test Conditions

Test Type: Run  
 Test Number: 3  
 Poles: 2  
 Volts: 115  
 Hz: 60  
 Rotation:  
 Special Cond:  
 Speed Conn:  
 TestBoard: Amps Performance Fixture #1  
 Run Cap: 0  
 Start Cap: 297 MFD 110 VOLTS  
 Environment:  
 Tested: 12/17/2002 6:58:20 AM  
 Tested By: Crocker, Jason  
 Gear Ratio: 1:1  
 Bearing Friction: -0.19 Oz-Ft  
 Windage Torque: -3.94 Oz-Ft

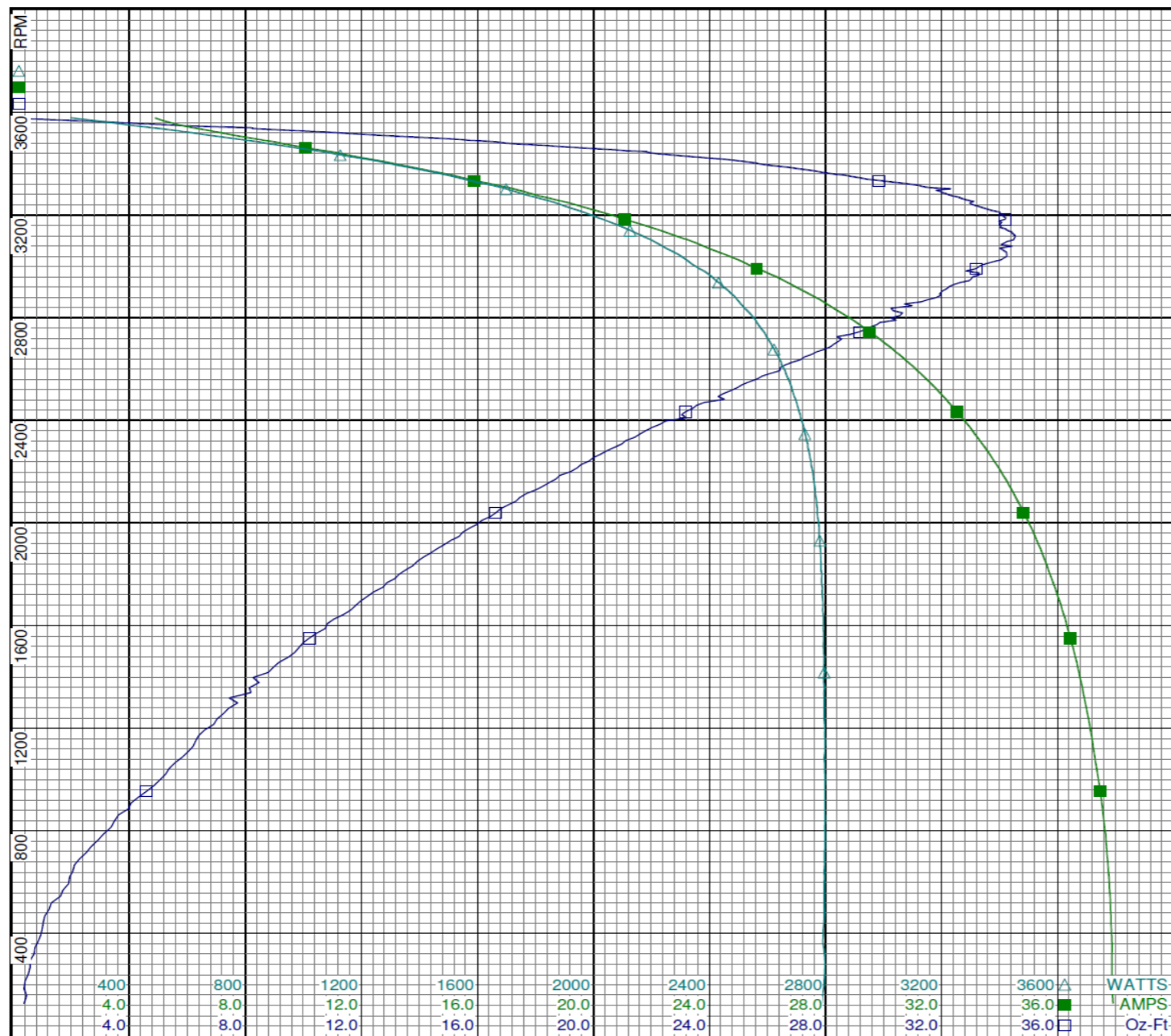
Special Points	Vline (V)	Iline (A)	Watts	RPM	Tq(Oz-ft)	HP	Eff (%)	PF (%)
	115.0	4.89	198	3578	0.00	0.000	0.0	35.2
	<b>115.0</b>	<b>6.18</b>	<b>476</b>	<b>3540</b>	<b>8.12</b>	<b>0.342</b>	<b>53.6</b>	<b>67.0</b>
	115.0	6.19	478	3540	8.19	0.345	53.9	67.1
	<b>115.0</b>	<b>6.66</b>	<b>548</b>	<b>3530</b>	<b>9.34</b>	<b>0.393</b>	<b>53.4</b>	<b>71.5</b>
0.5 HP	<b>115.0</b>	<b>7.40</b>	<b>648</b>	<b>3515</b>	<b>11.95</b>	<b>0.500</b>	<b>57.5</b>	<b>76.1</b>
12.17 OZ-FT	<b>115.0</b>	<b>7.47</b>	<b>657</b>	<b>3514</b>	<b>12.17</b>	<b>0.509</b>	<b>57.8</b>	<b>76.5</b>
	<b>115.0</b>	<b>8.03</b>	<b>729</b>	<b>3502</b>	<b>14.00</b>	<b>0.584</b>	<b>59.8</b>	<b>78.9</b>
	115.0	8.22	752	3499	14.67	0.611	60.6	79.5
	115.0	10.30	998	3458	20.15	0.829	62.0	84.3
3450 RPM	<b>115.0</b>	<b>10.76</b>	<b>1047</b>	<b>3450</b>	<b>21.17</b>	<b>0.869</b>	<b>62.0</b>	<b>84.6</b>
	115.0	12.38	1223	3416	24.60	1.000	61.0	85.9
	115.0	14.38	1426	3372	27.64	1.109	58.0	86.3
	115.0	16.29	1610	3325	30.55	1.209	56.0	86.0
	115.0	18.09	1777	3275	32.33	1.261	52.9	85.4
	115.0	19.91	1935	3222	33.59	1.288	49.7	84.5
	115.0	21.64	2077	3163	34.00	1.280	46.0	83.5
BDT OZ-FT	<b>115.0</b>	<b>22.93</b>	<b>2175</b>	<b>3114</b>	<b>34.53</b>	<b>1.280</b>	<b>43.9</b>	<b>82.5</b>
	115.0	23.25	2198	3103	34.49	1.274	43.2	82.2
	115.0	24.85	2312	3031	34.13	1.232	39.7	80.9
	115.0	26.32	2408	2958	33.06	1.164	36.1	79.6
	115.0	27.69	2490	2877	31.78	1.089	32.6	78.2
	115.0	28.95	2559	2789	30.43	1.010	29.5	76.9
	115.0	30.08	2612	2697	28.29	0.908	25.9	75.5
	115.0	31.17	2660	2593	26.42	0.816	22.9	74.2
	115.0	32.15	2697	2481	24.51	0.724	20.0	72.9
	115.0	33.06	2727	2359	21.80	0.612	16.7	71.7
	115.0	33.89	2750	2227	19.57	0.519	14.1	70.6
	115.0	34.62	2768	2084	17.32	0.430	11.6	69.5
	115.0	35.28	2781	1931	15.09	0.347	9.3	68.5
	115.0	35.84	2786	1766	12.86	0.270	7.2	67.6
	115.0	36.34	2792	1588	10.76	0.203	5.4	66.8
	115.0	36.77	2793	1397	8.27	0.138	3.7	66.0
	115.0	37.13	2797	1193	6.60	0.094	2.5	65.5
	115.0	37.44	2798	976	4.85	0.056	1.5	65.0
	115.0	37.68	2798	738	2.68	0.024	0.6	64.6
	115.0	37.82	2795	493	1.23	0.007	0.2	64.3
	115.0	37.86	2797	241	0.51	0.001	0.0	64.2

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	<b>6K182BG</b>	-

# Performance Data



**6K182BG**      REV. -



**Dayton**

Curve Descriptions:  
Motor(1) Test 3 Run 115V 60 Hz 2P

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

Motor Ratings:  
(1) C063HMJ135901 ID: 1  
6K182BG

DRAWING NO.      PAGE 4 of 8      REV.  
6K182BG      -

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

# Performance Data



<b>6K182BG</b>	REV. -
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## Dayton Manufacturing Company

### Motor Description

### Test Conditions

Model:	C063HMJ135901 6K182BG	Test Type:	Start	Run Cap:	0
Motor ID:	1	Test Number:	10	Start Cap:	297 MFD 110 VOLT
Poles:	2	Poles:	2	Environment:	
Volts:	115/208-230	Volts:	230	Tested:	12/16/2002 2:43:09 PM
Frequency:	60	Hz:	60	Tested By:	Crocker, Jason
HP:	1/2	Rotation:		Gear Ratio:	1:1
Speed:	3450	Special Cond:		Bearing Friction:	-0.37 Oz-Ft
Phase:	1	Speed Conn:		Windage Torque:	-4.15 Oz-Ft
Protector:	AUTO	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	Eff (%)	PF (%)	Cap
	230.0	126.4	173.9	33.04	18.496	22.64	7563	0	57.53	0.000	0.0	99.5	345.3
	230.0	125.3	172.6	32.99	18.442	22.49	7538	70	57.89	0.049	0.5	99.3	345.7
<b>PUT OZ-FT</b>	<b>230.0</b>	<b>124.5</b>	<b>171.5</b>	<b>32.99</b>	<b>18.356</b>	<b>22.34</b>	<b>7541</b>	<b>215</b>	<b>57.13</b>	<b>0.146</b>	<b>1.4</b>	<b>99.4</b>	<b>345.6</b>
	230.0	123.7	170.5	32.96	18.289	22.19	7527	353	58.50	0.246	2.4	99.3	345.3
	230.0	122.4	168.3	32.86	18.029	21.88	7507	625	60.46	0.450	4.5	99.3	345.0
	230.0	120.9	166.3	32.75	17.746	21.58	7485	874	63.77	0.663	6.6	99.4	344.2
	230.0	119.6	164.5	32.69	17.443	21.32	7470	1106	66.32	0.873	8.7	99.4	343.7
	230.0	118.5	162.8	32.68	17.179	21.10	7473	1321	66.78	1.050	10.5	99.4	343.7
	230.0	116.9	160.6	32.49	16.882	20.75	7431	1520	69.78	1.263	12.7	99.4	342.7
	230.0	115.3	158.3	32.30	16.528	20.40	7392	1705	72.96	1.481	14.9	99.5	341.9
	230.0	113.8	156.1	32.12	16.147	20.07	7353	1877	75.32	1.683	17.1	99.5	341.1
	230.0	112.4	154.0	31.93	15.748	19.75	7315	2036	78.00	1.891	19.3	99.6	340.2
	230.0	112.7	152.8	30.77	15.484	18.33	6892	2183	74.99	1.949	21.1	97.4	318.3
	230.0	155.7	155.3	15.50	15.649	-0.42	2624	2309	21.59	0.593	16.9	73.6	-7.2
	230.0	146.7	147.1	15.23	15.234	-0.06	2611	2438	23.29	0.676	19.3	74.5	-1.0
	230.0	141.5	142.0	14.75	14.718	-0.02	2573	2556	25.55	0.777	22.5	75.9	-0.3
	230.0	137.7	138.1	14.19	14.160	-0.01	2518	2663	27.01	0.856	25.4	77.1	-0.2
	230.0	134.8	135.2	13.60	13.563	-0.01	2449	2763	28.82	0.948	28.9	78.3	-0.1
	230.0	132.7	133.2	12.96	12.924	-0.01	2370	2852	29.91	1.016	32.0	79.5	-0.2
	230.0	130.8	131.3	12.29	12.281	-0.02	2273	2937	31.12	1.088	35.7	80.4	-0.3
	230.0	129.3	129.8	11.57	11.562	-0.01	2171	3014	31.82	1.142	39.2	81.6	-0.2
	230.0	127.9	128.3	10.82	10.807	-0.01	2054	3085	32.09	1.179	42.8	82.6	-0.3
	230.0	126.7	127.1	10.07	10.055	-0.01	1933	3148	31.47	1.180	45.5	83.5	-0.3
	230.0	125.7	126.1	9.31	9.293	-0.01	1803	3206	30.88	1.179	48.8	84.2	-0.2
	230.0	124.8	125.1	8.51	8.502	-0.01	1660	3259	29.94	1.161	52.2	84.8	-0.3
	230.0	123.9	124.3	7.71	7.679	-0.01	1507	3309	27.51	1.084	53.6	85.0	-0.2
	230.0	123.2	123.6	6.90	6.886	-0.01	1347	3354	25.74	1.028	56.9	84.9	-0.3
	230.0	122.5	122.8	6.03	6.017	-0.01	1167	3399	22.32	0.903	57.7	84.1	-0.2
	230.0	121.6	122.1	5.20	5.188	-0.01	986	3439	18.86	0.772	58.4	82.3	-0.3
	230.0	120.9	121.3	4.39	4.373	-0.01	795	3479	14.79	0.613	57.5	78.7	-0.3
	230.0	120.3	120.5	3.57	3.547	-0.01	582	3518	9.45	0.396	50.8	70.9	-0.2
	230.0	119.6	120.0	2.93	2.901	-0.01	377	3554	3.97	0.168	33.2	56.0	-0.3
	230.0	119.2	119.5	2.61	2.595	-0.01	223	3581	0.00	0.000	0.0	37.0	-0.3

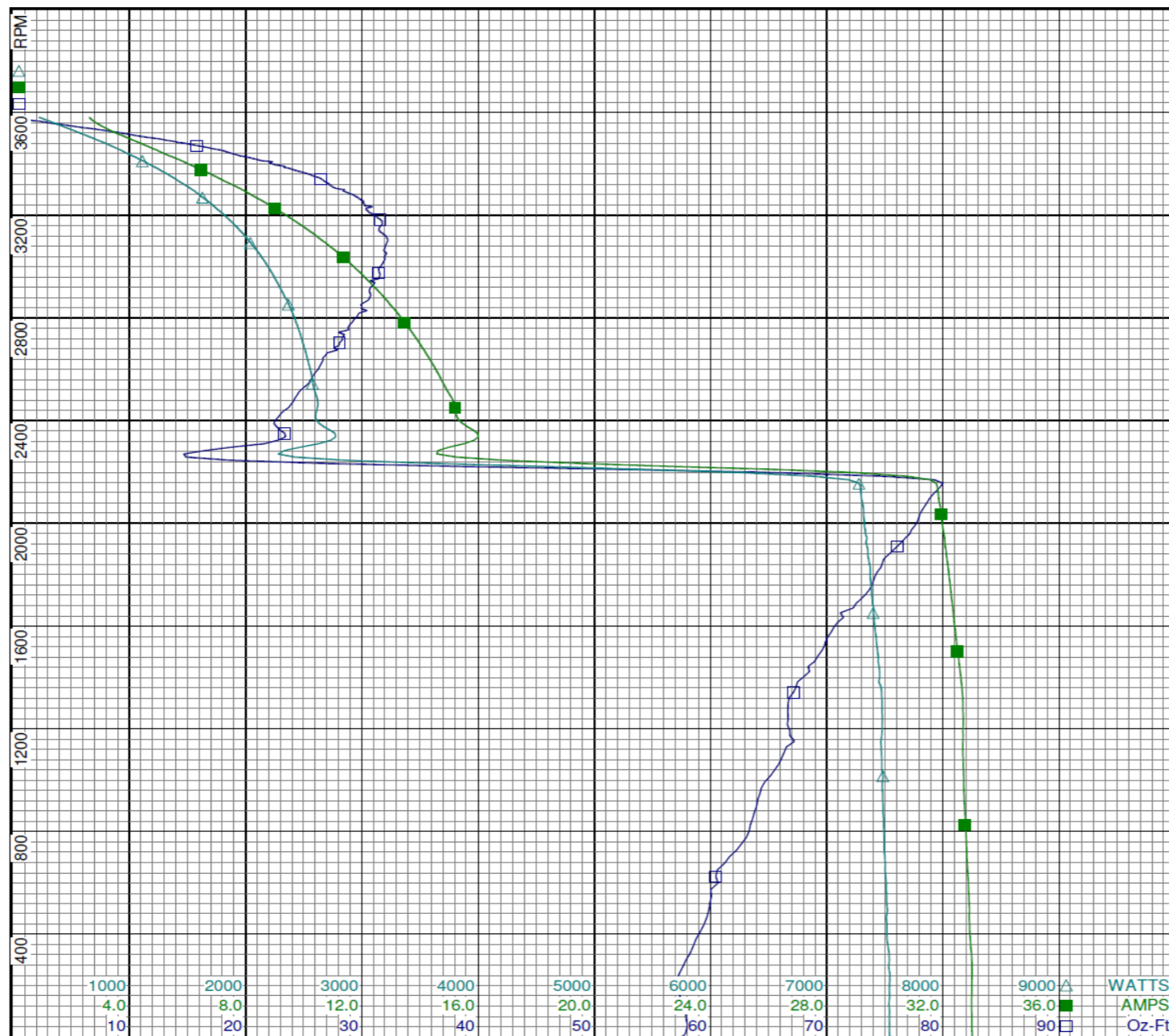
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	<b>6K182BG</b>	-

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

# Performance Data



**6K182BG**      REV. -



**Curve Descriptions:**  
 Motor(1) Test 10 Start 230V 60 Hz 2P

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

**Motor Ratings:**  
 (1) C063HMJ135901 ID: 1  
 6K182BG

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	6K182BG	-

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



# Performance Data



**6K182BG**

REV.

-

## Dayton Manufacturing Company

### Motor Description

Model: C063HMJ135901 6K182BG  
 Mtor ID: 1  
 Poles: 2  
 Volts: 115/208-230  
 Frequency: 60  
 HP: 1/2  
 Speed: 3450  
 Phase: 1  
 Protector: AUTO

### Test Conditions

Test Type: Run  
 Test Number: 11  
 Poles: 2  
 Volts: 230  
 Hz: 60  
 Rotation:  
 Special Cond:  
 Speed Conn:  
 TestBoard: Aamps Performance Fixture #1  
 Run Cap: 0  
 Start Cap: 297 MFD 110 VOLT  
 Environment:  
 Tested: 12/16/2002 2:35:21 PM  
 Tested By: Crocker, Jason  
 Gear Ratio: 1:1  
 Bearing Friction: -0.47 Oz-Ft  
 Windage Torque: -4.36 Oz-Ft

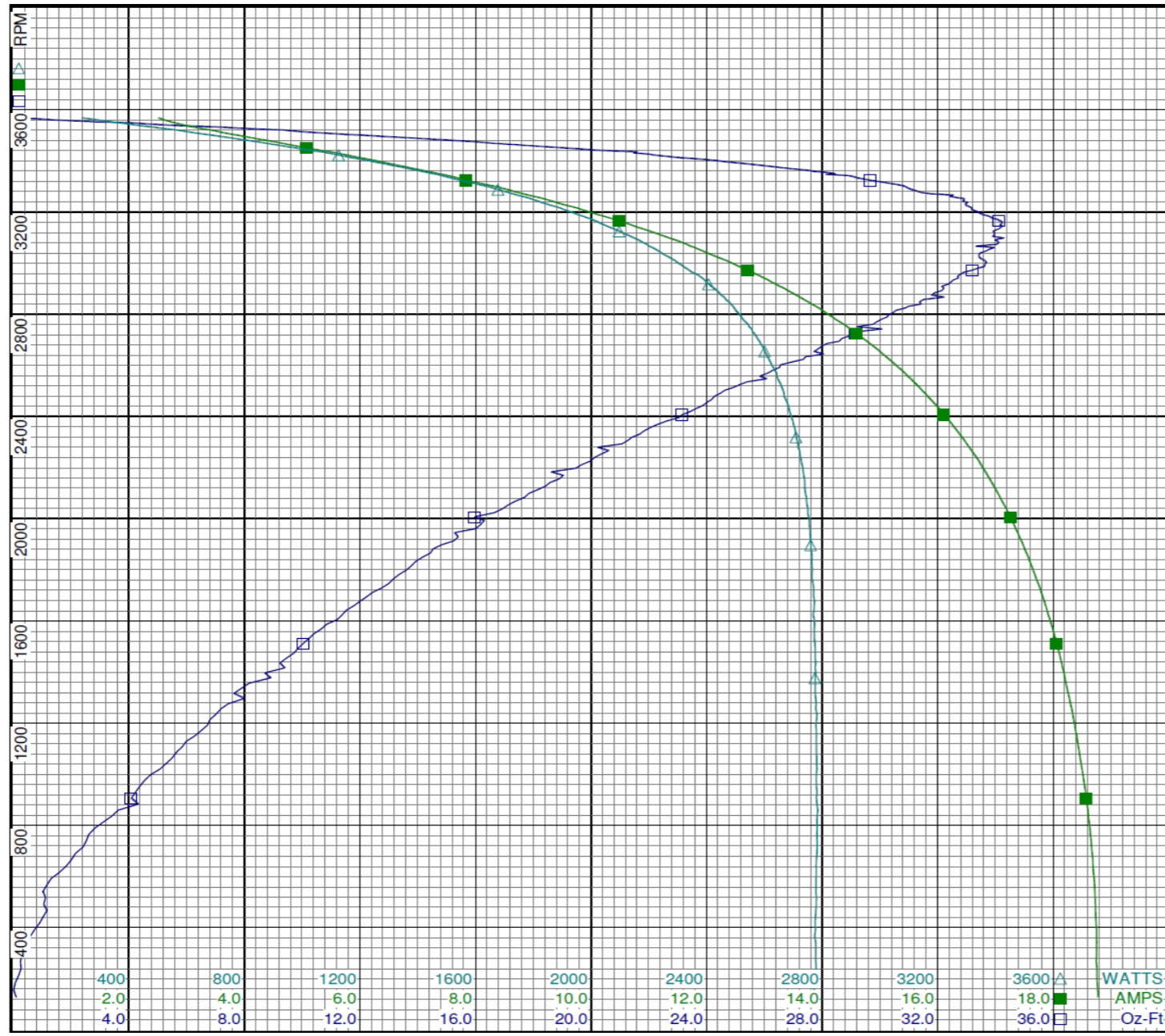
Special Points	Vline(V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF(%)
	230.0	2.513	239	3567	0.00	0.000	0.0	41.3
	230.0	3.232	514	3527	7.89	0.331	48.1	69.1
	<b>230.0</b>	<b>3.261</b>	<b>522</b>	<b>3526</b>	<b>8.12</b>	<b>0.341</b>	<b>48.7</b>	<b>69.6</b>
	230.0	3.415	565	3520	9.34	0.391	51.7	71.9
12.17 OZ-FT	230.0	3.896	692	3499	12.17	0.507	54.6	77.3
0.5 HP	230.0	3.870	686	3500	12.00	0.500	54.4	77.0
	230.0	4.177	763	3488	14.00	0.581	56.9	79.4
	230.0	4.205	769	3487	14.18	0.588	57.1	79.5
3450 RPM	230.0	5.086	978	3450	19.06	0.783	59.7	83.6
	230.0	5.182	999	3446	19.67	0.807	60.2	83.8
	230.0	6.168	1209	3404	23.97	0.971	59.9	85.2
	230.0	7.160	1414	3358	27.71	1.108	58.5	85.8
	230.0	8.056	1589	3313	30.27	1.194	56.0	85.8
	230.0	9.005	1762	3261	32.41	1.258	53.3	85.1
	230.0	9.838	1906	3209	33.18	1.268	49.6	84.2
	230.0	10.681	2043	3150	34.15	1.281	46.8	83.2
BDT OZ-FT	230.0	11.358	2150	3097	34.28	1.264	43.9	82.3
	230.0	11.519	2172	3085	34.07	1.251	43.0	82.0
	230.0	12.262	2279	3017	33.50	1.203	39.4	80.8
	230.0	12.996	2385	2941	32.72	1.145	35.8	79.8
	230.0	13.684	2466	2857	31.50	1.071	32.4	78.4
	230.0	14.303	2534	2770	29.88	0.985	29.0	77.0
	230.0	14.885	2593	2674	27.98	0.891	25.6	75.7
	230.0	15.432	2642	2569	26.11	0.798	22.5	74.4
	230.0	15.927	2679	2454	24.01	0.702	19.5	73.1
	230.0	16.376	2708	2331	21.69	0.602	16.6	71.9
	230.0	16.786	2733	2197	19.47	0.509	13.9	70.8
	230.0	17.147	2747	2053	17.12	0.418	11.4	69.7
	230.0	17.477	2761	1897	14.82	0.335	9.0	68.7
	230.0	17.766	2770	1729	12.75	0.262	7.1	67.8
	230.0	18.010	2773	1550	10.41	0.192	5.2	66.9
	230.0	18.217	2776	1356	8.16	0.132	3.5	66.2
	230.0	18.404	2780	1151	6.29	0.086	2.3	65.7
	230.0	18.558	2782	930	4.23	0.047	1.3	65.2
	230.0	18.673	2782	690	2.15	0.018	0.5	64.8
	230.0	18.733	2776	441	1.03	0.005	0.1	64.4
	230.0	18.759	2773	184	0.07	0.000	0.0	64.3

DRAWING NO. PAGE 7 of 8 REV.  
 6K182BG -

# Performance Data



**6K182BG**      REV. -



**Dayton**

Curve Descriptions:  
Motor(1) Test 11 Run 230V 60 Hz 2P

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

Motor Ratings:  
(1) C063HMJ135901 ID: 1  
6K182BG

DRAWING NO.      PAGE 8 of 8      REV. -  
**6K182BG**

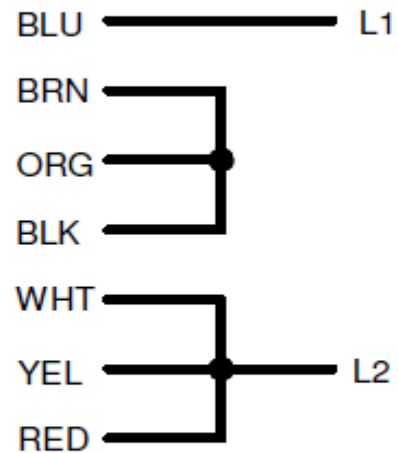
**Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA**

6K182BG

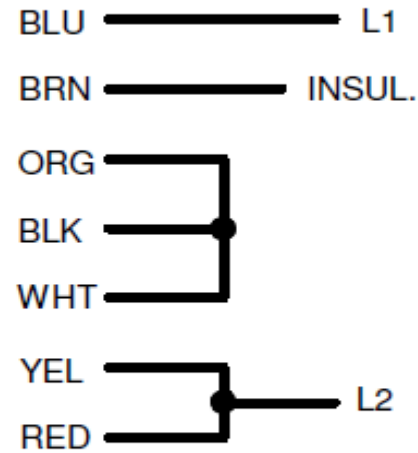
REV.  
-

## CONNECTIONS

### LOW VOLTAGE



### HIGH VOLTAGE



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

DRAWING NO.	PAGE 1 of 1	REV.
6K182BG		-

**Dayton**<sup>®</sup>**INDUSTRIAL MOTOR****HP:** 1/2**VOLTS:** 115/208-230**AMPS:** 7.8/4.1-3.9**RPM:** 3450**DUTY:** CONT**SF:** 1.0**KVA CODE:** L**ENCL:** TEFC**THERMALLY PROTECTED:** AUTOMFG. NO.   PROT. CODE : 04490**MTR REF:** C63JXHMJ-1359Part No **6K182BG****PH:** 1**HZ:** 60**FR:** 56C**INS CL:** B**AMB:** 40 °C**SFA:** 7.8/4.1-3.9AVG. F.L.  
EFF.**Disconnect Power Before Making Any  
Electrical Connections or Changes****CONNECTIONS**

LOW VOLTAGE

BLU ——— L1

BRN ———┐

ORG ———┤

BLK ———┘

WHT ———┐

YEL ———┤ ——— L2

RED ———┘

HIGH VOLTAGE

BLU ——— L1

BRN ——— INSUL.

ORG ———┐

BLK ———┘

WHT ———┐

YEL ———┘ ——— L2

RED ———┐

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

E37403



258501

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

Made in Mexico