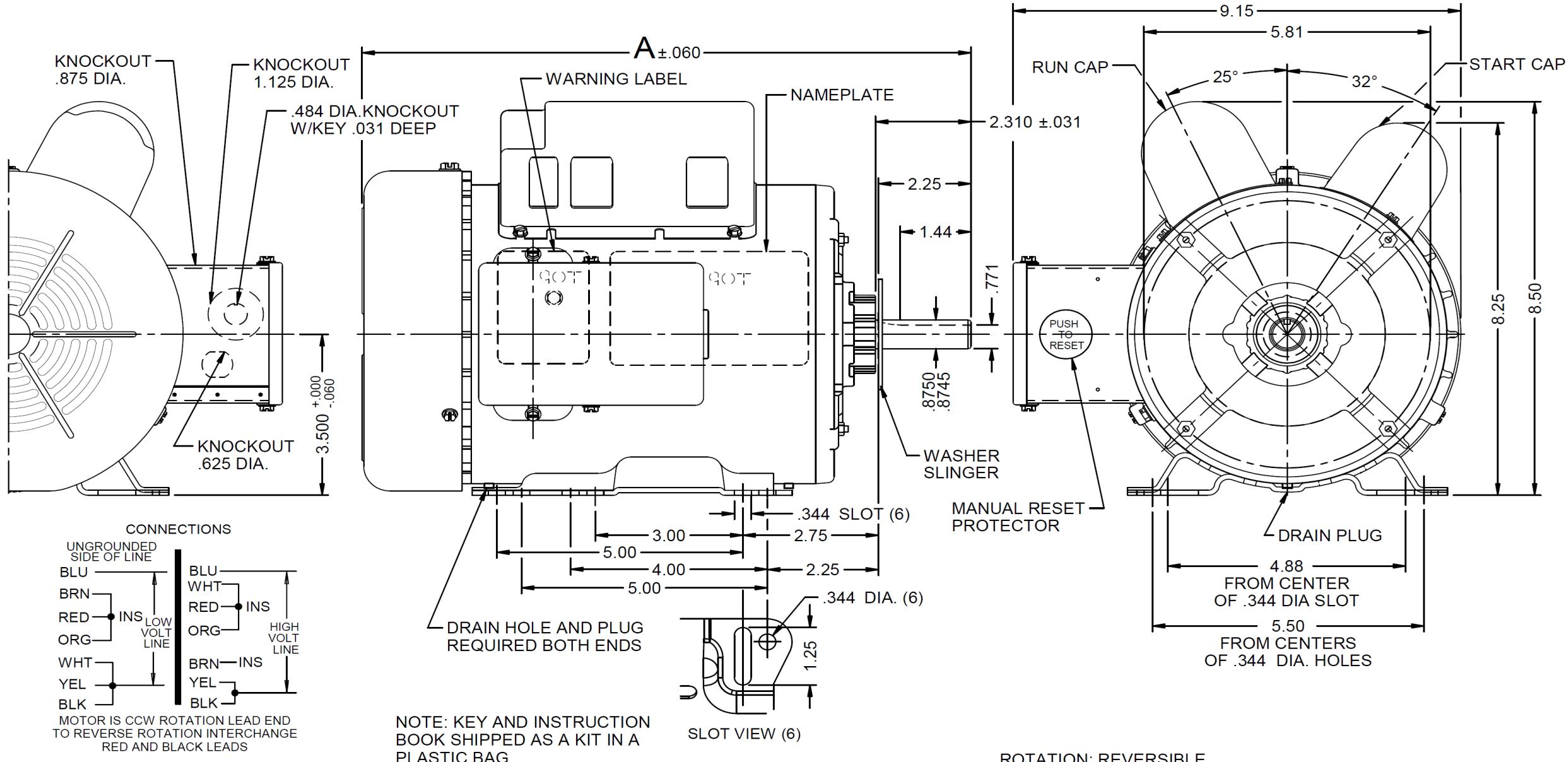


**6K311BG**

REV.  
-

VAR	MODEL	CUST. PT. NO.	A	B	C	D	HP	VOLTS	SF	AMPS	Hz	RPM	CONN VOLTS	PROT.	DESCRIPTION / REMARKS
001	T63YZBBP-2236	6K311BG	14.25	-----	-----	-----	1 1/2	115/230	1.15	16.2/8.1	60	1725	---	MANUAL	145T, TEFC, GREEN


DRAWING NO. PAGE 1 of 1  
**6K311BG** REV. -

# Performance Data

**Dayton**®

**6K311BG**

REV.  
-

## MOTOR PERFORMANCE

<b>HP:</b>	1 1/2						
<b>Poles:</b>	4						
<b>No. of Speeds:</b>	1						
<b>Volts:</b>	115 / 230	<b>115</b>	<b>230</b>				
<b>Hz:</b>	60	<b>60</b>	<b>60</b>				
<b>Service Factor:</b>	1.15						
<b>Efficiency:</b>	@ Rated Load	80.9	80.2				
<b>Power Factor:</b>	@ Rated Load	93.1	92.9				
<b>Amps:</b>	@ No Load						
	@ Rated Load	13.2	6.6				
	@ Service Factor	15	7.6				
	@ Locked Rotor	104.1	52				
<b>RPM:</b>	@ Rated Load						
<b>Ambient (°C):</b>							
<b>Altitude (FASL):</b>							
<b>Torques:</b>	Breakdown	172.1	177.1				
	Locked Rotor	221.1	191				
	Pull-Up	208.9	189.4				
	Rated Load	73	73				
	Service Factor	84	84				
<b>Watts:</b>	Rated Load	1406	1405				
<b>KVA Code:</b>							
<b>Temperature Rise:</b>	@ Rated Load	57.5	56.7				
	@ Service Factor	71.7	70.9				
<b>Thermal Protector:</b>	Trip Temp (°C)	154.5	159.3				
<b>Winding Material:</b>	Start (Auxiliary)	Cu	Cu				
	Run (Main)	Cu	Cu				
<b>Capacitor(s):</b>	Start (MFD / Volts)	896.5 mfd, 125v					
	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>	@ Rated Load						
	Locked Rotor						
	Pull-Up						
	Rated Load						
	Service Factor						
<b>Watts:</b>	@ Rated Load						
<b>Temperature Rise:</b>	@ Rated Load						
	@ Service Factor						

DRAWING NO. PAGE REV.  
6K311BG -

**6K311BG**

REV.  
-

## Dayton Manufacturing Company

**Motor Description**

Model: T063BBP2236 6K311  
 Motor ID: 30  
 Poles: 4  
 Volts: 115/230  
 Frequency: 60  
 HP: 1.5  
 Speed: 1725  
 Phase: 1  
 Protector: CED

Test Type: Start  
 Test Number: 30  
 Poles: 4  
 Volts: 115  
 Hz: 60  
 Rotation:  
 Special Cond: 2 Line Start  
 Speed Conn:  
 TestBoard: Amtps Performance Fixture #2

Run Cap: 50 mFd, 370V  
 Start Cap: 896.5 mFd, 125V  
 Environment:  
 Tested: 6/26/2014 2:52:51 PM  
 Tested By: Sharp, Gerald  
 Gear Ratio: 1:1  
 Bearing Friction: 0.00 Oz-Ft  
 Windage Torque: -2.08 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
PUT OZ-FT	115.0	128.7	114.0	104.07	81.51	37.62	10629	13	221.1	0.034	0.2	88.8	875.6
	115.0	129.3	113.0	104.01	81.35	37.28	10613	55	220.6	0.146	1.0	88.7	875.1
	115.0	130.1	111.2	103.65	80.67	36.66	10574	169	208.9	0.420	3.0	88.7	874.8
	115.0	130.4	110.6	103.45	80.36	36.38	10571	210	212.2	0.531	3.7	88.9	872.7
	115.0	132.1	107.6	102.84	79.17	35.38	10525	357	230.5	0.980	6.9	89.0	871.9
	115.0	133.2	104.0	101.60	77.88	34.07	10399	488	237.4	1.379	9.9	89.0	868.8
	115.0	135.4	99.6	101.38	77.57	32.51	10294	609	235.5	1.708	12.4	88.3	866.2
	115.0	141.7	98.3	103.62	77.97	32.05	10537	721	228.3	1.959	13.9	88.4	865.2
	115.0	147.4	98.2	104.53	77.06	32.04	10730	824	229.4	2.250	15.6	89.3	865.7
	115.0	151.7	97.3	104.29	75.66	31.78	10777	921	234.9	2.575	17.8	89.9	866.4
	115.0	156.0	96.6	103.78	74.24	31.52	10778	1008	235.7	2.827	19.6	90.3	866.0
	115.0	160.1	95.9	103.09	72.88	31.26	10753	1088	232.7	3.014	20.9	90.7	864.7
	115.0	164.5	95.0	102.25	71.60	31.04	10719	1161	226.5	3.131	21.8	91.2	866.2
	115.0	168.8	95.0	101.45	70.42	30.99	10655	1228	218.0	3.188	22.3	91.3	865.8
	115.0	173.6	95.5	100.63	69.25	31.22	10604	1288	208.2	3.193	22.5	91.6	866.9
	115.0	178.5	96.7	99.83	68.15	31.65	10559	1344	194.4	3.109	22.0	92.0	867.9
	115.0	183.5	98.6	98.97	67.06	32.32	10507	1394	178.1	2.956	21.0	92.3	869.9
	115.0	188.6	100.7	98.17	66.06	33.16	10455	1440	161.0	2.759	19.7	92.6	873.5
	115.0	193.8	103.6	97.40	65.10	34.21	10411	1481	143.2	2.526	18.1	93.0	875.6
	115.0	198.7	106.6	96.62	64.19	35.35	10352	1519	121.3	2.193	15.8	93.2	879.2
	115.0	147.3	125.5	67.94	54.80	18.13	7018	1557	146.2	2.710	28.8	89.8	383.4
	115.0	120.0	144.3	36.74	35.06	3.37	3792	1598	156.9	2.984	58.7	89.8	62.0
	115.0	124.4	150.8	32.26	30.91	2.94	3365	1626	150.1	2.904	64.4	90.7	51.7
	115.0	129.9	157.0	28.75	27.32	3.02	3017	1651	138.3	2.719	67.2	91.3	51.0
	115.0	135.6	163.3	25.31	23.80	3.14	2675	1674	129.1	2.572	71.7	91.9	51.0
	115.0	140.9	169.6	21.94	20.35	3.25	2327	1696	113.2	2.286	73.3	92.3	50.9
	115.0	146.1	176.1	18.54	16.92	3.36	1972	1718	99.9	2.042	77.2	92.5	50.7
	115.0	152.2	183.5	14.85	13.30	3.51	1570	1738	80.5	1.664	79.1	91.9	50.7
	115.0	156.8	190.0	11.59	10.29	3.62	1207	1756	60.6	1.266	78.3	90.5	50.5
	115.0	162.0	197.9	7.86	7.47	3.78	751	1777	34.2	0.724	71.9	83.1	50.6
	115.0	166.7	206.7	4.98	6.51	3.96	334	1796	8.3	0.177	39.5	58.4	50.8
	115.0	167.9	208.6	4.68	6.70	4.00	254	1799	2.9	0.062	18.2	47.2	50.9

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 6K311BG REV. -

# Performance Data

**Dayton**®

**6K311BG**

REV.  
-



**Dayton**®

## Curve Descriptions:

Motor(1) Test 30 Start 115V 60 Hz 4P  
2 Line Start

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

Motor Ratings:  
T063BBP2236 6K311

DRAWING NO. PAGE 2 of 8  
6K311BG

REV.  
-

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

**6K311BG**

REV.  
-

## Dayton Manufacturing Company

**Motor Description**

Model: T063BBP2236 6K311  
 Motor ID: 4  
 Poles: 4  
 Volts: 115/230  
 Frequency: 60  
 HP: 1.5  
 Speed: 1725  
 Phase: 1  
 Protector: CED

**Test Conditions**

Test Type: Run  
 Test Number: 13  
 Poles: 4  
 Volts: 115  
 Hz: 60  
 Rotation:  
 Special Cond:  
 Speed Conn:  
 TestBoard: Ammps Performance Fixture #2

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	170.1	211.2	3.89	6.38	4.145	165	1797	0.00	0.000	0.0	36.9	52.1
	115.0	164.7	201.6	6.17	6.18	3.911	580	1780	25.63	0.543	69.8	81.7	51.5
	115.0	159.7	193.5	9.83	8.66	3.752	1014	1763	51.31	1.077	79.2	89.7	51.4
73 OZ-FT	115.0	154.9	186.8	13.24	11.68	3.635	1406	1745	73.00	1.517	80.4	92.4	51.6
1.5 HP	115.0	155.1	187.1	13.08	11.54	3.641	1388	1746	72.15	1.500	80.6	92.3	51.6
	115.0	154.7	186.4	13.38	11.82	3.630	1423	1744	73.77	1.531	80.3	92.5	51.6
84 OZ-FT	115.0	152.3	183.4	14.96	13.30	3.573	1602	1736	84.00	1.736	80.9	93.1	51.7
1725 RPM	115.0	149.1	179.1	17.22	15.51	3.491	1854	1725	95.38	1.959	78.8	93.6	51.7
	115.0	149.0	179.0	17.27	15.56	3.489	1860	1725	95.63	1.964	78.8	93.6	51.7
	115.0	143.6	172.3	20.95	19.30	3.386	2242	1704	112.21	2.276	75.7	93.0	52.1
	115.0	137.5	165.2	24.78	23.20	3.248	2639	1682	129.34	2.589	73.2	92.6	52.2
	115.0	131.2	158.2	28.60	27.13	3.114	3027	1658	141.69	2.797	68.9	92.0	52.2
	115.0	125.3	151.4	32.39	31.05	2.989	3400	1631	153.85	2.988	65.5	91.3	52.4
	115.0	118.7	144.9	36.19	35.00	2.869	3748	1603	159.87	3.051	60.7	90.0	52.5
	115.0	112.8	138.7	39.84	38.80	2.756	4081	1572	168.26	3.149	57.6	89.1	52.7
	115.0	106.5	133.1	43.43	42.54	2.652	4387	1540	169.97	3.115	53.0	87.8	52.9
BDT OZ-FT	115.0	105.2	132.2	44.18	43.32	2.633	4449	1534	172.05	3.141	52.7	87.6	52.8
	115.0	100.1	127.7	46.99	46.26	2.543	4679	1504	170.78	3.057	48.7	86.6	52.8
	115.0	93.9	123.0	50.38	49.82	2.457	4969	1465	168.72	2.942	44.2	85.8	53.0
	115.0	87.7	118.6	53.67	53.28	2.374	5211	1422	164.82	2.791	40.0	84.4	53.1
	115.0	81.6	114.9	56.84	56.60	2.290	5433	1376	157.65	2.583	35.5	83.1	52.9
	115.0	75.6	111.5	59.89	59.80	2.232	5629	1326	149.13	2.353	31.2	81.7	53.1
	115.0	69.8	108.9	62.72	62.78	2.178	5794	1272	139.34	2.110	27.2	80.3	53.0
	115.0	64.2	107.1	65.43	65.64	2.132	5938	1214	127.10	1.836	23.1	78.9	52.8
	115.0	58.9	105.6	67.98	68.32	2.107	6062	1150	114.01	1.561	19.2	77.5	52.9
	115.0	53.6	104.6	70.23	70.71	2.078	6148	1082	98.18	1.265	15.4	76.1	52.7
	115.0	48.8	103.8	72.34	72.95	2.068	6226	1009	83.10	0.999	12.0	74.8	52.8
	115.0	43.7	103.3	74.26	74.98	2.055	6274	930	64.71	0.716	8.5	73.5	52.8
	115.0	39.0	102.5	76.00	76.85	2.038	6299	845	42.38	0.426	5.0	72.1	52.8
	115.0	33.6	101.4	77.38	78.35	2.016	6261	754	18.66	0.167	2.0	70.4	52.7
	115.0	26.3	100.8	77.60	78.72	1.985	6129	658	8.14	0.064	0.8	68.7	52.2
	115.0	17.0	105.8	76.29	77.59	2.082	6046	561	39.58	0.264	3.3	68.9	52.2
	115.0	14.8	113.2	76.66	78.02	2.222	6228	456	58.88	0.320	3.8	70.6	52.1
	115.0	14.4	115.8	78.15	79.54	2.264	6364	336	42.95	0.172	2.0	70.8	51.8
	115.0	12.5	117.9	79.07	80.54	2.307	6409	209	24.13	0.060	0.7	70.5	51.9
	115.0	11.6	120.4	79.42	80.97	2.355	6421	74	17.02	0.015	0.2	70.3	51.9

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6K311BG

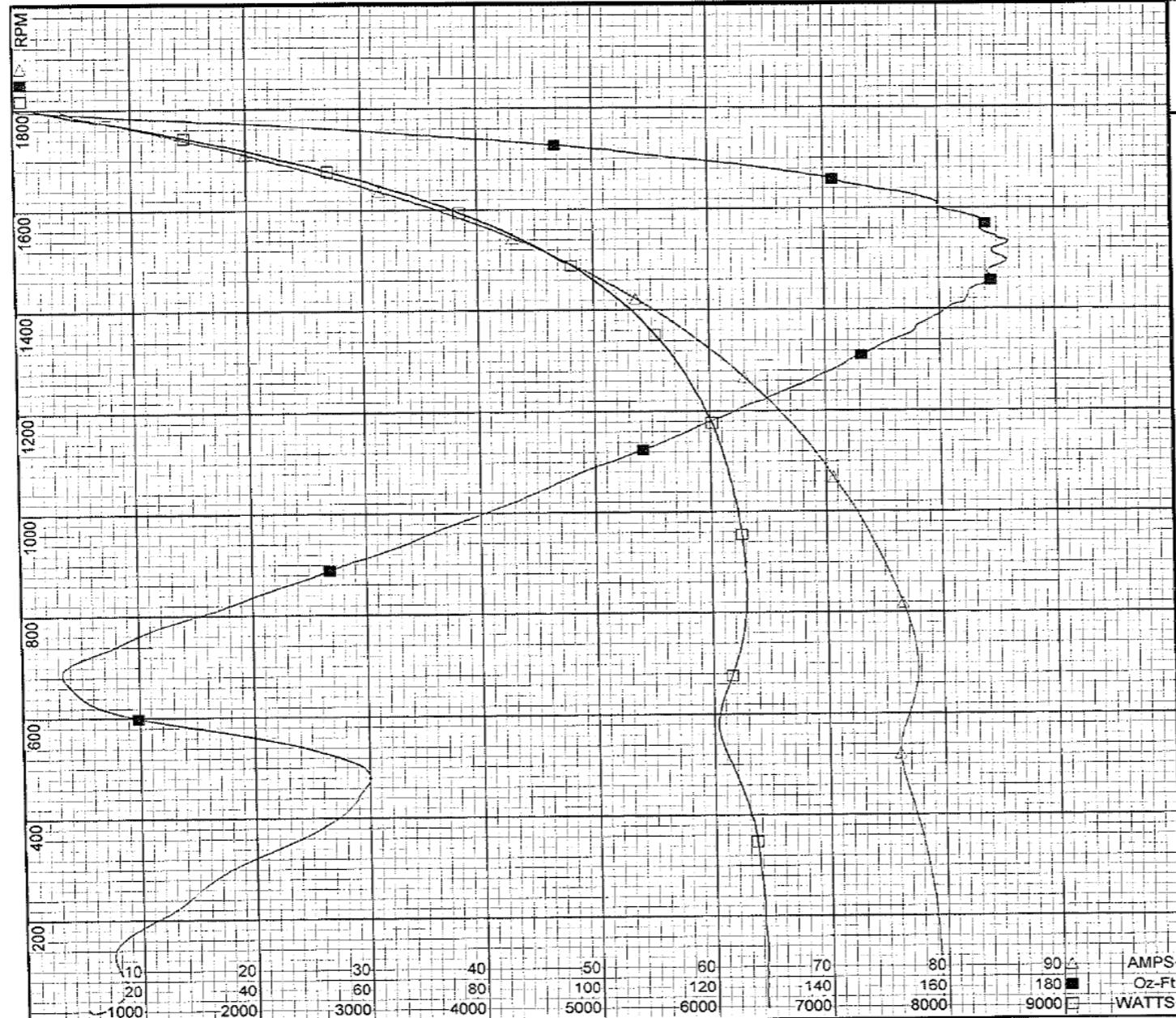
REV.  
-

# Performance Data

**Dayton**®

**6K311BG**

REV.  
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DRAWING NO. PAGE 4 of 8  
6K311BG REV. -

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

**6K311BG**

REV.  
-

## Dayton Manufacturing Company

**Motor Description**

Model: T063BBP2236 6K311  
 Motor ID:  
 Poles: 4  
 Volts: 115/230  
 Frequency: 60  
 HP: 1.5  
 Speed: 1725  
 Phase: 1  
 Protector: CED

**Test Conditions**

Test Type: Start  
 Test Number: 31  
 Poles: 4  
 Volts: 230  
 Hz: 60  
 Rotation:  
 Special Cond: 2 Line Start  
 Speed Conn:  
 TestBoard: Amtps Performance Fixture #2  
 Run Cap: 50 mFd, 370V  
 Start Cap: 896.5 mFd, 125V  
 Environment:  
 Tested: 6/27/2014 7:52:53 AM  
 Tested By: Sharp, Gerald  
 Gear Ratio: 1:1  
 Bearing Friction: -0.16 Oz-Ft  
 Windage Torque: -2.72 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
PUT OZ-FT	230.0	223.2	103.1	51.97	37.13	33.52	10044	12	191.0	0.027	0.2	84.0	862.3
	230.0	223.9	102.3	52.04	36.90	33.32	10078	54	195.4	0.126	0.9	84.2	863.7
	230.0	226.1	100.5	51.87	35.94	32.62	10070	183	189.4	0.414	3.1	84.4	861.1
	230.0	226.7	100.1	51.86	35.74	32.49	10063	210	191.3	0.479	3.6	84.4	861.4
	230.0	229.4	97.4	51.38	34.42	31.60	10009	357	206.2	0.877	6.5	84.7	860.6
	230.0	231.5	94.0	50.67	33.30	30.41	9865	488	216.0	1.255	9.5	84.6	857.8
	230.0	235.4	89.6	50.48	32.50	28.89	9750	608	210.3	1.523	11.7	84.0	855.0
	230.0	242.9	88.1	51.48	31.20	28.37	9938	719	200.3	1.715	12.9	83.9	853.7
	230.0	249.5	88.3	51.94	29.25	28.53	10145	825	204.4	2.008	14.8	84.9	856.7
	230.0	254.7	88.3	51.79	27.42	28.49	10228	921	210.6	2.308	16.8	85.9	856.0
	230.0	259.3	87.4	51.36	25.84	28.21	10216	1009	212.1	2.548	18.6	86.5	856.4
	230.0	264.1	86.9	50.90	24.36	28.04	10198	1090	211.8	2.747	20.1	87.1	855.9
	230.0	268.9	86.7	50.43	23.07	27.98	10148	1164	209.6	2.903	21.3	87.5	856.1
	230.0	274.0	87.1	49.95	21.94	28.09	10117	1231	203.9	2.986	22.0	88.1	855.4
	230.0	279.1	87.9	49.41	20.98	28.42	10065	1291	195.3	3.003	22.3	88.6	857.8
	230.0	284.4	89.4	48.89	20.21	28.96	10027	1347	185.1	2.967	22.1	89.2	859.0
	230.0	289.5	91.5	48.38	19.67	29.69	9982	1397	172.9	2.876	21.5	89.7	861.1
	230.0	294.6	94.0	47.84	19.35	30.59	9910	1443	157.6	2.709	20.4	90.1	863.4
	230.0	299.8	96.9	47.35	19.31	31.63	9876	1485	139.4	2.465	18.6	90.7	866.1
	230.0	304.7	100.0	46.96	19.48	32.77	9818	1523	121.5	2.203	16.7	90.9	869.1
	230.0	202.1	140.8	23.88	20.89	8.76	4947	1566	149.4	2.786	42.0	90.1	165.0
	230.0	187.8	144.6	18.39	17.24	2.98	3784	1600	161.1	3.068	60.5	89.5	54.7
	230.0	189.9	150.1	16.58	15.36	2.89	3440	1629	153.4	2.974	64.5	90.2	51.1
	230.0	192.2	156.3	14.82	13.52	3.00	3098	1653	145.1	2.855	68.7	90.9	50.9
	230.0	194.5	162.7	13.05	11.69	3.12	2752	1677	130.5	2.605	70.6	91.7	50.9
	230.0	196.3	168.9	11.31	9.93	3.23	2392	1699	118.5	2.396	74.7	91.9	50.7
	230.0	198.0	174.7	9.63	8.27	3.33	2048	1719	102.6	2.100	76.5	92.4	50.6
	230.0	200.2	182.3	7.78	6.58	3.48	1653	1740	84.1	1.742	78.6	92.4	50.7
	230.0	200.9	189.0	6.08	5.30	3.59	1268	1759	64.1	1.342	78.9	90.7	50.5
	230.0	201.8	196.6	4.18	4.44	3.74	820	1779	38.4	0.814	74.1	85.2	50.4
	230.0	200.0	204.7	2.60	4.61	3.90	395	1798	11.0	0.234	44.3	66.1	50.5
	230.0	200.0	205.4	2.48	4.68	3.92	357	1799	9.3	0.199	41.6	62.4	50.6

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6K311BG

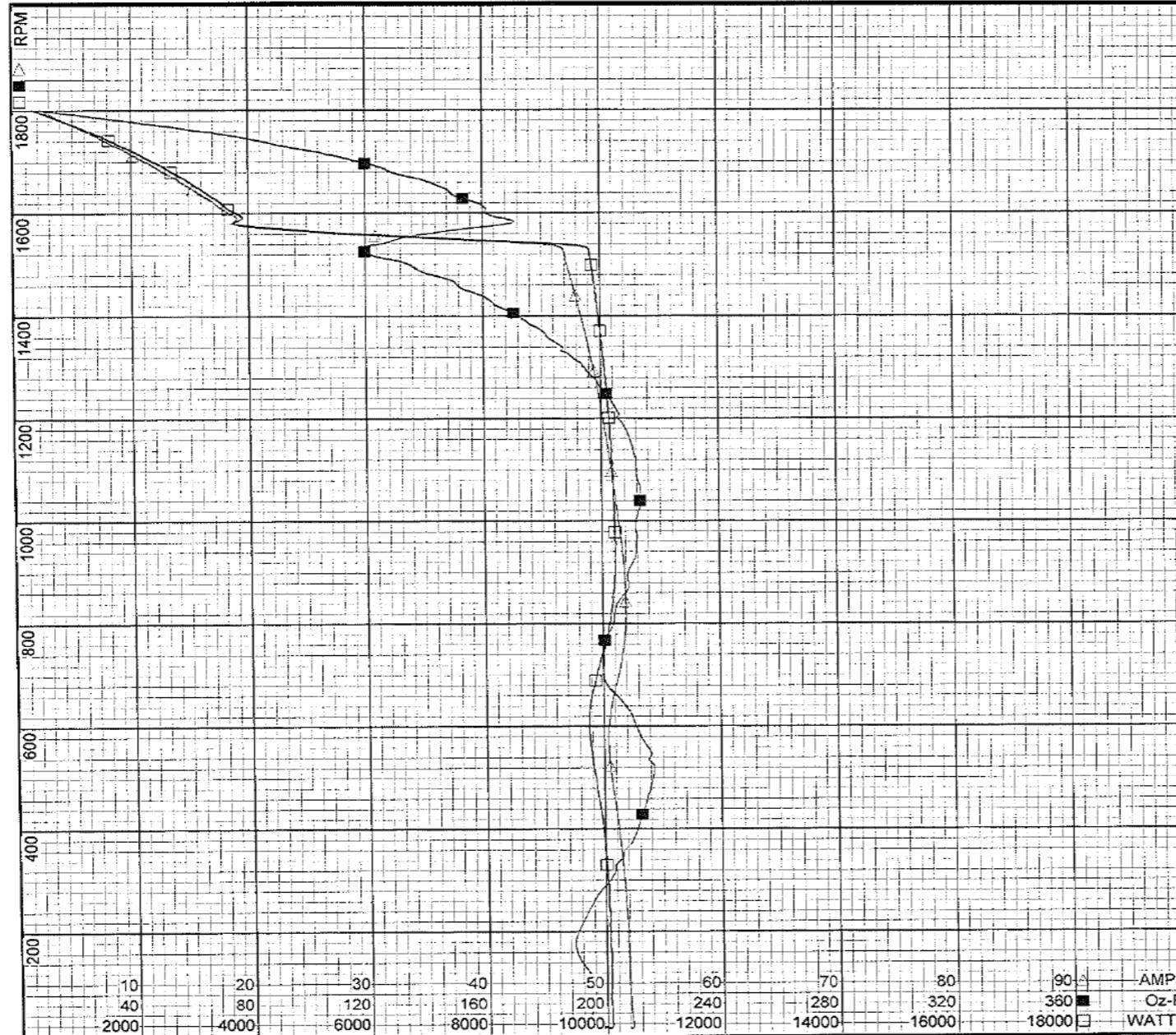
REV.  
-

# Performance Data

**Dayton**®

**6K311BG**

REV.  
-



**Dayton**®

#### Curve Descriptions:

Motor(1) Test 31 Start 230V 60 Hz 4P  
2 Line Start

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

Motor Ratings:  
T063BBP2236 6K311

DRAWING NO. PAGE 6 of 8  
**6K311BG** REV. -

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

**6K311BG**

REV.  
-

## Dayton Manufacturing Company

**Motor Description**

Model: T063BBP2236 6K311  
Motor ID:  
Poles: 4  
Volts: 115/230  
Frequency: 60  
HP: 1.5  
Speed: 1725  
Phase: 1  
Protector: CED

Test Type: Run  
Test Number: 15  
Poles: 4  
Volts: 230  
Hz: 60  
Rotation:  
Special Cond:  
Speed Conn:  
TestBoard: Amtps Performance Fixture #2

Run Cap: 50 mFd, 370V  
Start Cap: 896.5 mFd, 125V  
Environment:  
Tested: 6/27/2014 8:20:01 AM  
Tested By: Sharp, Gerald  
Gear Ratio: 1:1  
Bearing Friction: 0.00 Oz-Ft  
Windage Torque: -2.24 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	199.8	210.3	1.99	5.03	4.113	160	1799	0.00	0.000	0.0	35.1	51.9
	230.0	201.4	200.8	3.17	4.18	3.895	589	1781	25.97	0.551	69.7	80.8	51.4
	230.0	201.9	193.2	4.99	4.55	3.749	1023	1764	51.67	1.085	79.1	89.2	51.5
1.5 HP	230.0	201.3	187.1	6.56	5.50	3.642	1389	1748	72.10	1.500	80.5	92.1	51.6
73 OZ-FT	230.0	201.3	186.8	6.63	5.55	3.637	1405	1747	73.00	1.518	80.6	92.2	51.6
	230.0	201.2	186.3	6.77	5.66	3.627	1437	1745	74.60	1.550	80.4	92.3	51.6
84 OZ-FT	230.0	200.6	183.2	7.56	6.29	3.567	1616	1737	84.00	1.737	80.2	92.9	51.6
	230.0	199.5	179.2	8.64	7.26	3.491	1846	1726	95.08	1.954	79.0	92.9	51.7
1725 RPM	230.0	199.3	178.6	8.80	7.41	3.481	1877	1725	96.58	1.983	78.8	92.8	51.7
	230.0	198.2	172.9	10.41	8.95	3.390	2222	1706	112.36	2.282	76.6	92.8	52.0
	230.0	195.8	165.4	12.46	11.02	3.249	2640	1683	130.63	2.617	74.0	92.2	52.1
	230.0	193.4	158.4	14.40	13.02	3.111	3034	1659	143.26	2.830	69.6	91.6	52.1
	230.0	190.9	151.7	16.31	15.03	2.992	3400	1633	156.49	3.043	66.8	90.6	52.3
	230.0	188.4	145.6	18.16	16.99	2.880	3745	1605	162.89	3.113	62.0	89.7	52.5
	230.0	185.4	139.4	20.06	19.03	2.763	4086	1574	172.01	3.223	58.9	88.5	52.6
	230.0	182.3	133.5	21.90	21.01	2.650	4395	1541	175.92	3.228	54.8	87.2	52.7
	230.0	179.0	127.8	23.75	23.00	2.540	4696	1505	176.05	3.154	50.1	86.0	52.7
BDT OZ-FT	230.0	178.4	126.7	24.09	23.38	2.518	4748	1497	177.11	3.157	49.6	85.7	52.7
	230.0	175.7	122.8	25.49	24.87	2.448	4957	1466	174.98	3.054	46.0	84.5	52.9
	230.0	172.2	118.2	27.20	26.73	2.356	5198	1424	171.15	2.902	41.6	83.1	52.9
	230.0	168.8	114.1	28.81	28.48	2.270	5418	1378	164.13	2.692	37.1	81.8	52.8
	230.0	165.4	110.5	30.37	30.18	2.208	5605	1328	156.38	2.472	32.9	80.2	53.0
	230.0	161.8	107.6	31.84	31.79	2.144	5770	1273	146.39	2.219	28.7	78.8	52.9
	230.0	158.4	105.1	33.23	33.32	2.097	5911	1215	134.47	1.945	24.5	77.3	52.9
	230.0	155.0	103.1	34.52	34.74	2.057	6029	1152	120.72	1.655	20.5	75.9	52.9
	230.0	151.6	101.9	35.69	36.03	2.028	6108	1084	104.48	1.348	16.5	74.4	52.8
	230.0	148.7	100.7	36.78	37.24	2.008	6182	1010	88.56	1.065	12.8	73.1	52.9
	230.0	145.8	100.1	37.77	38.35	2.000	6224	931	69.62	0.771	9.2	71.7	53.0
	230.0	143.6	98.9	38.66	39.35	1.974	6238	846	46.24	0.466	5.6	70.2	53.0
	230.0	141.3	97.4	39.36	40.16	1.946	6188	753	23.04	0.207	2.5	68.4	53.0
	230.0	138.6	96.3	39.48	40.44	1.905	6055	658	12.74	0.100	1.2	66.7	52.5
	230.0	131.1	101.1	38.84	39.96	1.993	5969	561	42.89	0.287	3.6	66.8	52.3
	230.0	123.6	108.6	39.02	40.22	2.137	6155	456	61.48	0.334	4.0	68.6	52.2
	230.0	120.9	111.3	39.74	40.98	2.185	6289	336	45.16	0.181	2.1	68.8	52.1
	230.0	118.4	113.2	40.22	41.52	2.208	6335	208	23.10	0.057	0.7	68.5	51.7
	230.0	115.4	115.4	40.35	41.72	2.250	6351	75	16.52	0.015	0.2	68.4	51.7

DRAFTING NO. PAGE 7 of 8  
6K311BG

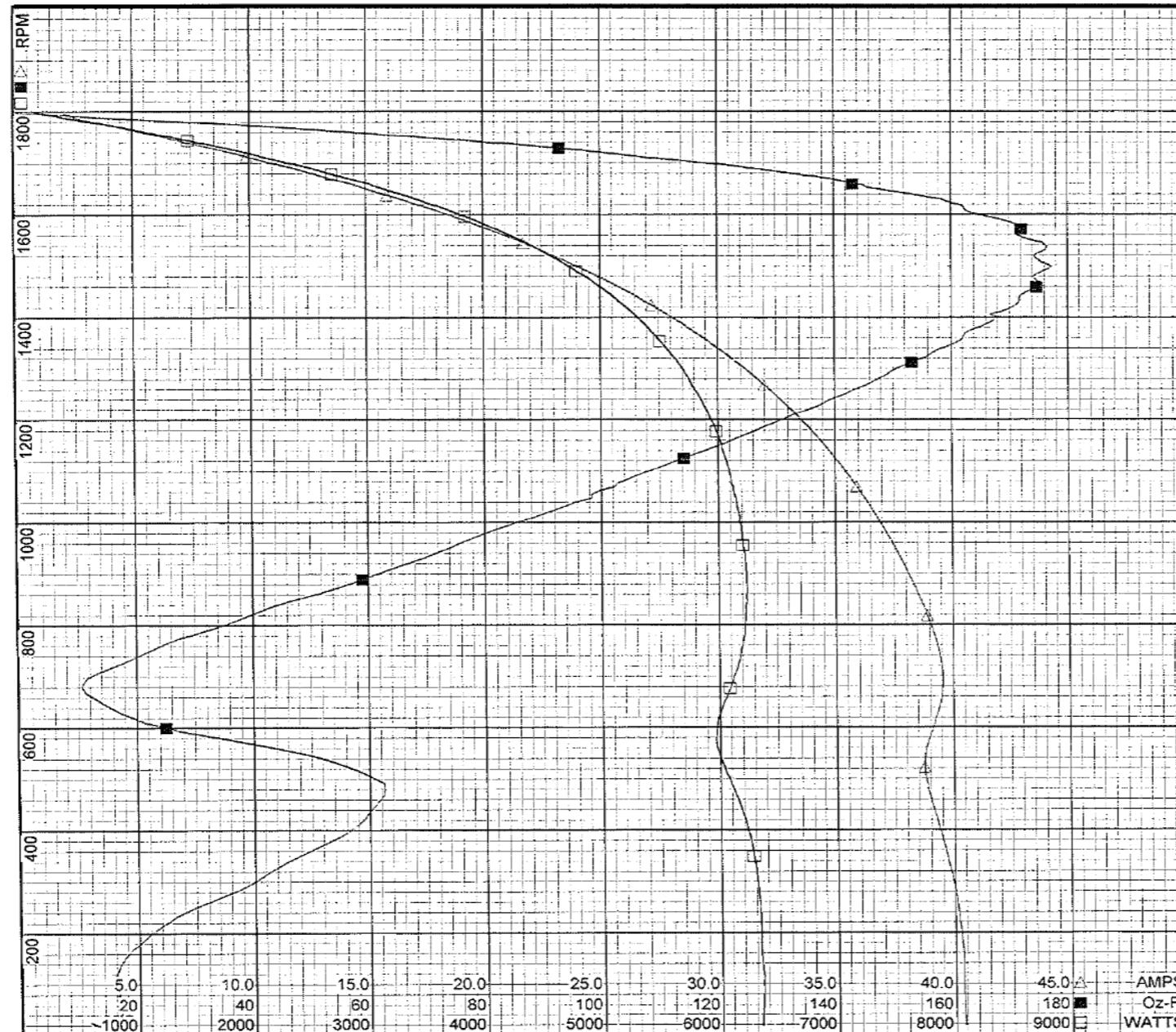
REV.  
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# Performance Data

**Dayton**®

**6K311BG**

REV.  
-



**Dayton**®

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6K311BG

6K311BG

REV.

## CONNECTIONS

## UNGROUNDED SIDE OF LINE

MOTOR IS CCW ROTATION LEAD END  
TO REVERSE ROTATION INTERCHANGE  
RED AND BLACK LEADS

DRAWING NO. PAGE 1 of 1 REV. -  
**6K311BG**

# Dayton®

## FARM DUTY MOTOR

**HP:** 1 1/2

**VOLTS:** 115/230

**AMPS:** 16.2/8.1

**RPM:** 1725

**DUTY:** CONT

**SF:** 1.15

**KVA CODE:** K

**ENCL:** TEFC

**THERMALLY PROTECTED:** MANUAL

MFG. NO.

PROT. CODE:  01512

AVG. F.L.  
EFF.

**MTR REF:** T63YZBJB-2232

Part  
No 6K311BG



Disconnect Power Before Making Any  
Electrical Connections or Changes

### CONNECTIONS

UNGROUNDED  
SIDE OF LINE

BLU —————

BRN —————

RED —————

ORG —————

WHT —————

YEL —————

BLK —————

BLU —————

WHT —————

RED —————

ORG —————

BRN —————

YEL —————

BLK —————

INS

LOW  
VOLT  
LINE

INS

LOW  
VOLT  
LINE

INS

INS

INS

MOTOR IS CCW ROTATION LEAD END  
TO REVERSE ROTATION INTERCHANGE  
RED AND BLACK LEADS



E37403



258501