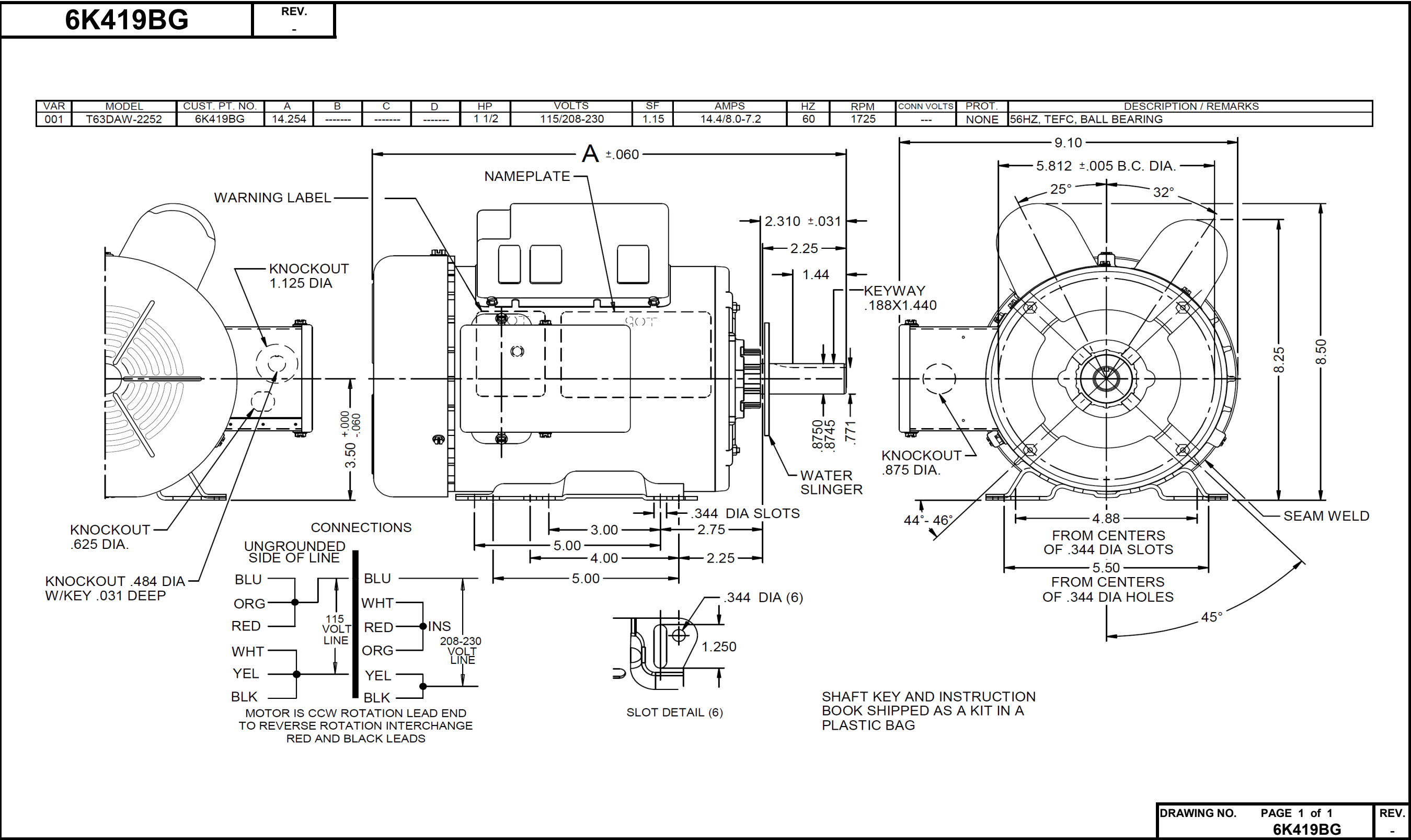


Dimensional Drawing



Performance Data



6K419BG

REV.
-

MOTOR PERFORMANCE

HP:	1 1/2							
Poles:	4							
No. of Speeds:	1							
Volts:	115/208-230	115	208	230				
HZ:	60	60	60	60				
Service Factor:	1.15							
Efficiency:	@ Rated Load	81.0	79.6	81.2				
Power Factor:	@ Rated Load	93.2	93.5	92.9				
Amps:	@ No Load							
	@ Rated Load	13	7.2	6.5				
	@ Service Factor	14.9	8.4	7.5				
	@ Locked Rotor	104.7	46.9	52.9				
RPM:	@ Rated Load	1741	1727	1743				
Ambient (°C):	40							
Altitude (FASL):								
Torques:	Breakdown	172.6	141.2	176.3				
	Locked Rotor	206.3	160.4	195.2				
	Pull-Up	192.7	152.7	195				
	Rated Load	73	73	73				
	Service Factor	83.7	84.6	83.6				
Watts:	Rated Load	1395	1407	1393				
KVA Code:	K	K	H	K				
Temperature Rise:	@ Rated Load	57.8	62.5	57.2				
	@ Service Factor	71	84.5	68.3				
Thermal Protector:	Trip Temp (°C)							
Winding Material:	Start (Auxiliary)	Cu	Cu	Cu				
	Run (Main)	Cu	Cu	Cu				
Capacitor(s):	Start (MFD / Volts)	709 mFd, 125V						
	No. of Start Capacitors							
	Run (MFD / Volts)	50 mFd, 370V						
	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
6K419BG

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

Performance Data



6K419BG			REV. -										
Dayton Manufacturing Company													
Motor Description				Test Conditions									
Model:		T063DAW2252 6K419BG		Test Type:		Start		Run Cap:		50 µFd			
Motor ID:		1		Test Number:		1		Start Cap:		709 µFd			
Poles:		4		Poles:		4		Environment:					
Volts:		115/208-230		Volts:		115		Tested:		3/22/2006 9:17:41 AM			
Frequency:		60		Hz:		60		Tested By:		Sharp, Gerald			
HP:		1 1/2		Rotation:				Gear Ratio:		1:1			
Speed:		1725		Special Cond:				Bearing Friction:		-1.28 Oz-Ft			
Phase:		1		Speed Conn:		3 line		Windage Torque:		-2.88 Oz-Ft			
Protector:				TestBoard:		Amps 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	140.5	109.2	104.67	79.50	37.05	10407	11	206.3	0.028	0.2	86.5	900.3
	115.0	140.5	108.7	104.65	79.38	36.92	10391	23	211.7	0.058	0.4	86.3	901.2
	115.0	141.4	107.0	104.50	79.06	36.28	10374	131	206.6	0.323	2.3	86.3	899.6
	115.0	141.8	104.8	104.14	78.54	35.50	10349	240	210.5	0.602	4.3	86.4	898.6
	115.0	142.5	102.4	103.56	77.85	34.62	10292	345	218.7	0.898	6.5	86.4	896.9
	115.0	142.8	99.2	102.54	77.08	33.54	10185	445	228.4	1.210	8.9	86.4	897.0
	115.0	143.6	95.9	102.00	76.75	32.31	10082	535	228.2	1.454	10.8	86.0	893.8
	115.0	145.9	93.0	102.53	77.14	31.25	10073	620	216.6	1.600	11.8	85.4	891.7
	115.0	150.3	91.8	104.29	77.82	30.87	10239	701	204.8	1.709	12.5	85.4	891.9
	115.0	154.1	91.9	105.32	77.62	30.91	10385	779	200.7	1.861	13.4	85.7	892.6
	115.0	157.2	91.5	105.33	76.92	30.79	10453	852	200.8	2.038	14.5	86.3	892.4
	115.0	159.9	90.7	104.93	76.08	30.52	10458	922	200.5	2.200	15.7	86.7	892.7
	115.0	162.5	90.0	104.33	75.20	30.24	10452	987	198.4	2.332	16.6	87.1	891.6
	115.0	164.9	89.2	103.68	74.39	29.96	10401	1049	194.8	2.432	17.4	87.2	891.4
PUT OZ-FT	115.0	166.2	88.8	103.30	73.98	29.82	10381	1078	192.7	2.472	17.8	87.4	891.4
	115.0	167.3	88.4	102.88	73.57	29.68	10347	1106	189.8	2.498	18.0	87.5	890.9
	115.0	169.7	87.6	102.00	72.78	29.41	10270	1159	183.2	2.528	18.4	87.6	890.3
	115.0	172.3	87.3	101.17	72.00	29.31	10202	1209	175.1	2.521	18.4	87.7	890.5
	115.0	175.0	87.2	100.29	71.24	29.32	10135	1256	166.5	2.490	18.3	87.9	891.5
	115.0	178.0	87.7	99.48	70.51	29.48	10083	1300	155.9	2.412	17.8	88.1	891.1
	115.0	181.1	88.6	98.74	69.76	29.78	10008	1341	144.6	2.308	17.2	88.1	891.9
	115.0	184.1	89.8	97.98	69.07	30.21	9950	1379	133.3	2.189	16.4	88.3	892.1
	115.0	187.6	91.4	97.22	68.36	30.79	9900	1415	120.1	2.023	15.2	88.6	893.5
	115.0	190.8	93.1	96.53	67.69	31.43	9853	1447	106.7	1.838	13.9	88.8	895.2
	115.0	194.4	95.3	95.80	67.00	32.23	9809	1480	90.6	1.596	12.1	89.0	896.9
	115.0	197.8	97.6	95.17	66.43	33.03	9761	1508	73.5	1.319	10.1	89.2	898.0
	115.0	201.0	100.0	94.53	65.85	33.89	9712	1535	57.3	1.047	8.0	89.3	899.1
	115.0	204.5	102.4	93.94	65.29	34.83	9671	1560	43.6	0.810	6.3	89.5	902.2
	115.0	207.9	105.1	93.35	64.71	35.84	9635	1583	23.8	0.448	3.5	89.7	904.2
	115.0	211.1	108.0	92.79	64.14	36.87	9594	1606	5.5	0.105	0.8	89.9	905.9
	115.0	211.9	108.5	92.63	63.98	37.14	9590	1611	0.0	0.000	0.0	90.0	907.5

DRAWING NO. PAGE 1 of 8

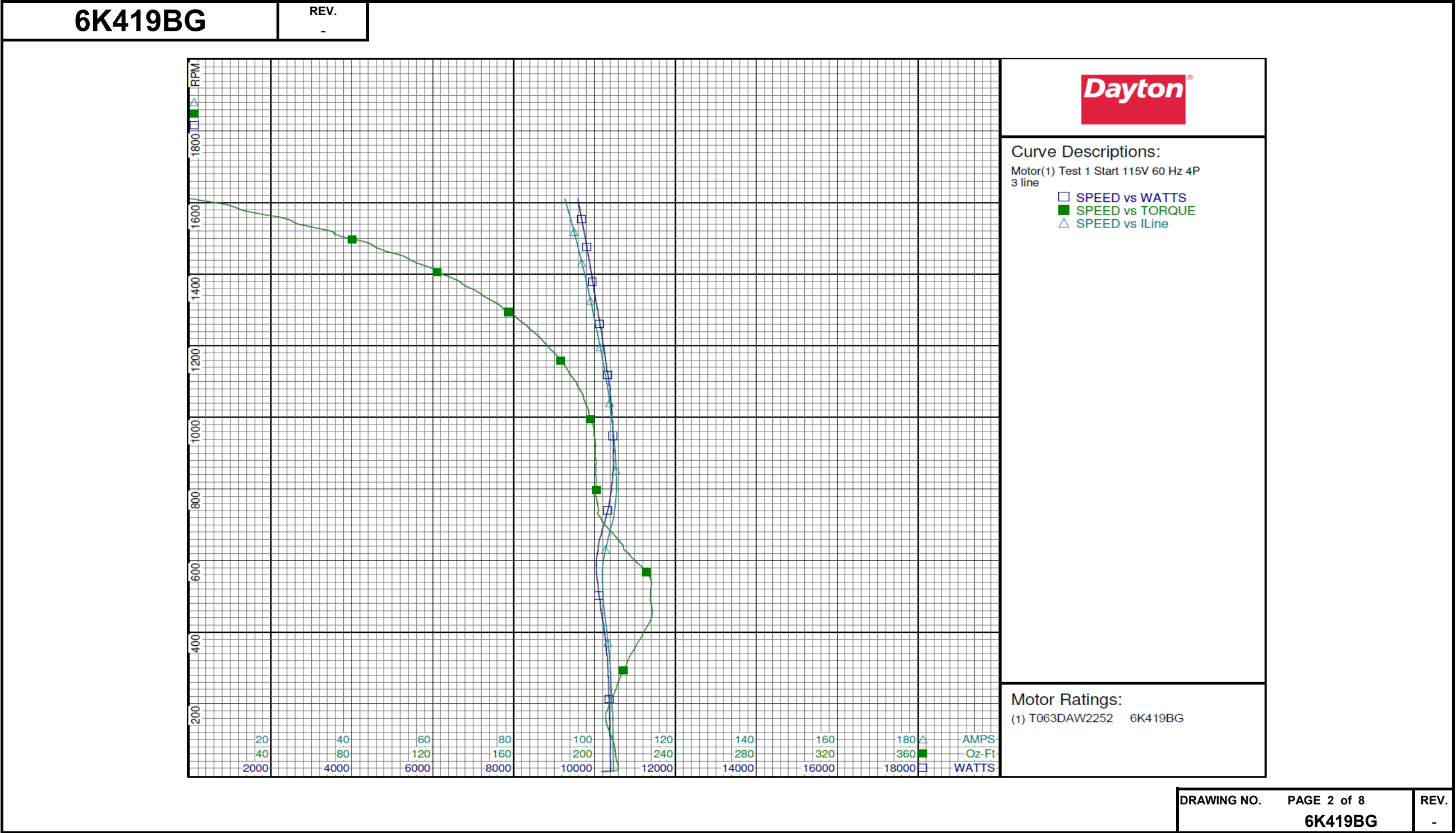
6K419BG

REV.
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DRAWING NO.	PAGE 1 of 8	REV.
	6K419BG	-

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

Performance Data



Performance Data



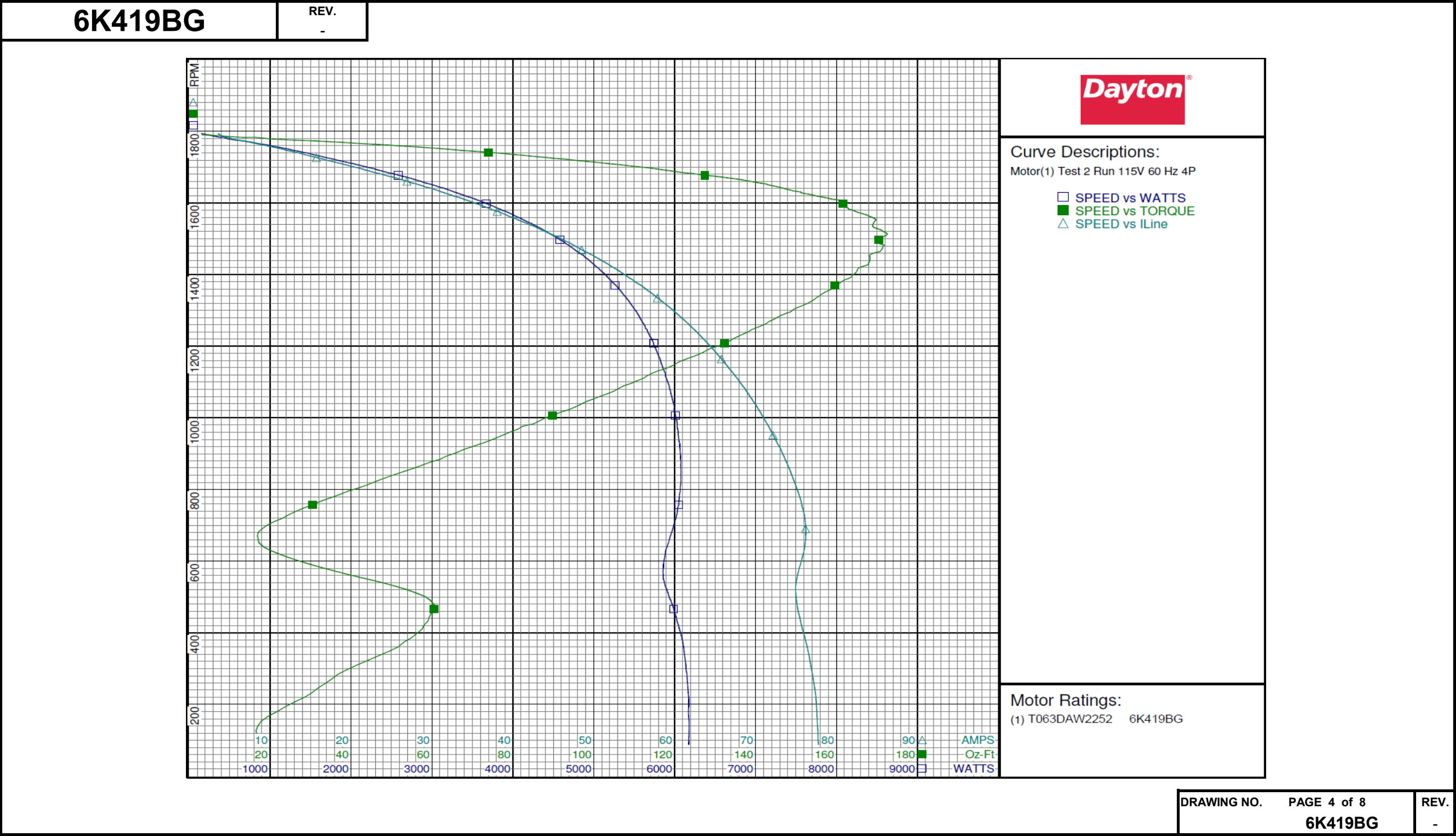
6K419BG			REV. -											
Dayton Manufacturing Company														
Motor Description				Test Conditions										
Model: T063DAW2252 6K419BG				Test Type: Run		Run Cap: 50 uFd								
Motor ID: 1				Test Number: 2		Start Cap: 709 uFd								
Poles: 4				Poles: 4		Environment:								
Volts: 115/208-230				Volts: 115		Tested: 3/22/2006 9:16:04 AM								
Frequency: 60				Hz: 60		Tested By: Sharp, Gerald								
HP: 1 1/2				Rotation:		Gear Ratio: 1:1								
Speed: 1725				Special Cond:		Bearing Friction: -0.48 Oz-Ft								
Phase: 1				Speed Conn:		Windage Torque: -2.08 Oz-Ft								
Protector:				TestBoard:		Amps 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	181.8	222.9	3.55	6.02	4.175	143	1794	0.00	0.000	0.0	35.2	49.7
18.26 OZ-FT		115.0	177.6	215.5	5.09	5.40	4.013	456	1780	18.26	0.387	63.2	77.8	49.4
		115.0	175.9	212.2	5.98	5.67	3.936	572	1775	25.89	0.547	71.4	83.2	49.2
36.52 OZ-FT		115.0	173.8	208.2	7.43	6.46	3.849	754	1770	36.52	0.769	76.1	88.2	49.0
		115.0	170.0	203.0	9.80	8.29	3.755	1032	1758	53.34	1.116	80.7	91.6	49.1
54.78 OZ-FT		115.0	169.7	202.5	10.02	8.49	3.746	1058	1757	54.78	1.146	80.8	91.8	49.1
73.04 OZ-FT		115.0	165.0	196.1	13.01	11.23	3.634	1395	1741	73.04	1.514	81.0	93.2	49.2
1.5 HP		115.0	165.2	196.3	12.89	11.12	3.639	1381	1742	72.32	1.500	81.0	93.1	49.2
		115.0	164.1	195.0	13.53	11.72	3.615	1452	1739	75.79	1.569	80.6	93.4	49.2
84 OZ-FT		115.0	161.6	191.8	14.91	13.10	3.561	1604	1731	84.00	1.731	80.5	93.5	49.2
1.725 HP		115.0	161.7	191.9	14.85	13.04	3.563	1598	1731	83.71	1.725	80.5	93.5	49.2
1725 RPM		115.0	159.7	189.6	15.95	14.13	3.521	1714	1725	89.56	1.839	80.1	93.4	49.3
91.3 OZ-FT		115.0	159.1	188.9	16.27	14.45	3.510	1749	1723	91.30	1.873	79.9	93.5	49.3
		115.0	157.5	186.8	17.23	15.41	3.474	1856	1718	96.26	1.968	79.1	93.7	49.3
		115.0	150.9	179.0	21.07	19.31	3.335	2259	1696	114.35	2.309	76.3	93.2	49.4
		115.0	144.5	171.2	25.00	23.33	3.213	2673	1673	131.26	2.613	72.9	93.0	49.8
		115.0	137.7	163.7	28.86	27.34	3.092	3052	1647	144.43	2.832	69.2	92.0	50.1
		115.0	130.4	156.2	32.77	31.40	2.963	3423	1618	155.40	2.994	65.2	90.8	50.3
		115.0	123.5	149.0	36.59	35.39	2.836	3776	1588	161.91	3.062	60.5	89.7	50.5
		115.0	116.6	142.5	40.27	39.23	2.720	4097	1557	169.38	3.139	57.2	88.5	50.6
		115.0	109.5	136.0	43.98	43.11	2.602	4407	1521	171.45	3.103	52.5	87.1	50.8
BDT OZ-FT		115.0	108.1	134.7	44.71	43.87	2.581	4466	1512	172.60	3.108	51.9	86.9	50.8
		115.0	102.5	130.2	47.49	46.83	2.499	4686	1482	171.77	3.030	48.2	85.8	50.9
		115.0	95.7	125.2	50.94	50.51	2.406	4945	1439	168.35	2.885	43.5	84.4	51.0
		115.0	89.1	120.6	54.20	53.94	2.326	5167	1393	163.70	2.715	39.2	82.9	51.2
		115.0	82.6	116.9	57.29	57.20	2.258	5362	1345	156.33	2.503	34.8	81.4	51.2
		115.0	76.3	113.5	60.26	60.31	2.195	5540	1291	147.48	2.267	30.5	80.0	51.3
		115.0	70.0	111.0	62.99	63.20	2.139	5682	1233	136.91	2.010	26.4	78.4	51.1
		115.0	64.1	108.9	65.55	65.91	2.091	5806	1170	124.34	1.732	22.3	77.0	50.9
		115.0	58.4	107.4	67.95	68.45	2.053	5908	1103	110.68	1.454	18.4	75.6	50.7
		115.0	53.0	106.4	70.17	70.80	2.031	5997	1030	95.41	1.170	14.6	74.3	50.6
		115.0	47.6	105.3	72.16	72.93	2.009	6044	952	77.67	0.880	10.9	72.8	50.6
		115.0	42.2	104.3	73.99	74.86	1.985	6073	867	57.50	0.594	7.3	71.4	50.5
		115.0	36.7	103.0	75.50	76.48	1.960	6057	776	34.91	0.323	4.0	69.8	50.5
		115.0	29.7	101.8	76.22	77.36	1.935	5962	680	17.03	0.138	1.7	68.0	50.4
		115.0	20.6	105.6	75.42	76.74	2.007	5862	582	32.70	0.226	2.9	67.6	50.4
		115.0	16.3	113.6	75.12	76.54	2.136	5969	479	60.47	0.345	4.3	69.1	49.9
		115.0	16.4	117.4	76.38	77.83	2.190	6109	360	51.66	0.222	2.7	69.5	49.5
		115.0	14.5	119.4	77.38	78.90	2.210	6165	233	30.38	0.084	1.0	69.3	49.1
PUT OZ-FT		115.0	177.9	216.2	4.91	5.37	4.029	431	1783	16.45	0.349	60.5	76.2	49.4
		115.0	13.0	122.3	77.73	79.35	2.263	6172	100	16.50	0.020	0.2	69.0	49.1

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6K419BG

REV.
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Performance Data



Performance Data



6K419BG		REV. -												
Dayton Manufacturing Company														
Motor Description				Test Conditions										
Model: T063DAW2252 6K419BG				Test Type: Start		Run Cap: 50 μFd								
Motor ID: 1				Test Number: 9		Start Cap: 709 μFd								
Poles: 4				Poles: 4		Environment:								
Volts: 115/208-230				Volts: 230		Tested: 3/22/2006 12:47:06 PM								
Frequency: 60				Hz: 60		Tested By: Sharp, Gerald								
HP: 1 1/2				Rotation:		Gear Ratio: 1:1								
Speed: 1725				Special Cond:		Bearing Friction: 0.00 Oz-Ft								
Phase: 1				Speed Conn: 3 line		Windage Torque: -0.48 Oz-Ft								
Protector:				TestBoard: Amtps 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
		230.0	230.9	103.7	52.86	34.21	35.11	10379	12	195.2	0.027	0.2	85.4	897.7
PUT	OZ-FT	230.0	230.9	103.7	52.84	34.11	35.13	10377	22	195.0	0.052	0.4	85.4	898.5
		230.0	230.9	103.7	52.84	34.11	35.13	10377	22	195.0	0.052	0.4	85.4	898.5
		230.0	232.6	101.8	52.76	33.55	34.42	10360	132	196.2	0.307	2.2	85.4	896.5
		230.0	234.1	99.6	52.54	32.83	33.64	10316	241	202.3	0.579	4.2	85.4	895.5
		230.0	235.8	97.2	52.21	32.05	32.79	10268	345	211.9	0.871	6.3	85.5	895.2
		230.0	237.1	94.3	51.68	31.37	31.75	10158	444	221.8	1.174	8.6	85.5	893.1
		230.0	238.9	90.9	51.33	30.85	30.53	10027	536	223.0	1.424	10.6	84.9	890.7
		230.0	242.0	87.5	51.46	30.48	29.36	9991	622	215.0	1.592	11.9	84.4	889.5
		230.0	247.0	86.7	52.29	29.74	28.96	10146	704	204.1	1.709	12.6	84.4	886.4
		230.0	251.6	86.2	52.72	28.63	28.89	10305	780	201.7	1.872	13.6	85.0	889.3
		230.0	255.1	85.6	52.70	27.55	28.69	10357	854	203.2	2.065	14.9	85.5	888.6
		230.0	258.4	84.7	52.46	26.57	28.38	10369	923	204.8	2.251	16.2	85.9	888.8
		230.0	261.7	83.7	52.10	25.68	28.04	10346	989	204.3	2.404	17.3	86.3	889.0
		230.0	264.8	82.7	51.68	24.90	27.72	10294	1049	202.8	2.532	18.4	86.6	889.4
		230.0	267.6	81.8	51.22	24.24	27.39	10209	1107	199.2	2.624	19.2	86.7	888.1
		230.0	270.7	81.1	50.73	23.74	27.13	10141	1160	194.3	2.682	19.7	86.9	887.7
		230.0	273.8	80.6	50.24	23.26	26.99	10079	1210	188.4	2.714	20.1	87.2	887.7
		230.0	277.1	80.6	49.76	22.87	26.99	9992	1257	181.1	2.709	20.2	87.3	888.1
		230.0	280.2	81.0	49.26	22.54	27.10	9906	1301	172.9	2.678	20.2	87.4	887.6
		230.0	283.8	81.8	48.81	22.30	27.40	9859	1342	162.9	2.601	19.7	87.8	889.1
		230.0	287.0	83.0	48.34	22.11	27.80	9764	1380	152.0	2.497	19.1	87.8	888.8
		230.0	290.6	84.6	47.90	22.01	28.34	9709	1415	140.0	2.359	18.1	88.1	888.9
		230.0	294.4	86.3	47.47	21.99	29.01	9659	1449	127.3	2.196	17.0	88.5	891.6
		230.0	297.9	88.2	47.11	22.04	29.73	9596	1479	113.5	1.998	15.5	88.6	894.0
		230.0	301.5	90.5	46.71	22.18	30.55	9542	1508	101.6	1.824	14.3	88.8	895.3
		230.0	304.7	92.9	46.32	22.36	31.41	9483	1535	88.0	1.608	12.7	89.0	897.0
		230.0	308.2	95.5	45.92	22.62	32.37	9423	1561	69.6	1.294	10.2	89.2	898.8
		230.0	311.6	98.2	45.56	22.94	33.34	9368	1585	51.5	0.972	7.7	89.4	900.2
		230.0	315.0	100.8	45.20	23.29	34.34	9323	1606	38.2	0.731	5.8	89.7	903.7
		230.0	317.9	103.4	44.88	23.67	35.30	9266	1627	18.9	0.366	3.0	89.8	905.3
		230.0	321.0	106.3	44.52	24.04	36.36	9208	1646	3.8	0.074	0.6	89.9	906.9
		230.0	321.9	107.0	44.42	24.18	36.67	9196	1652	0.0	0.000	0.0	90.0	909.2

DRAWING NO. PAGE 5 of 8

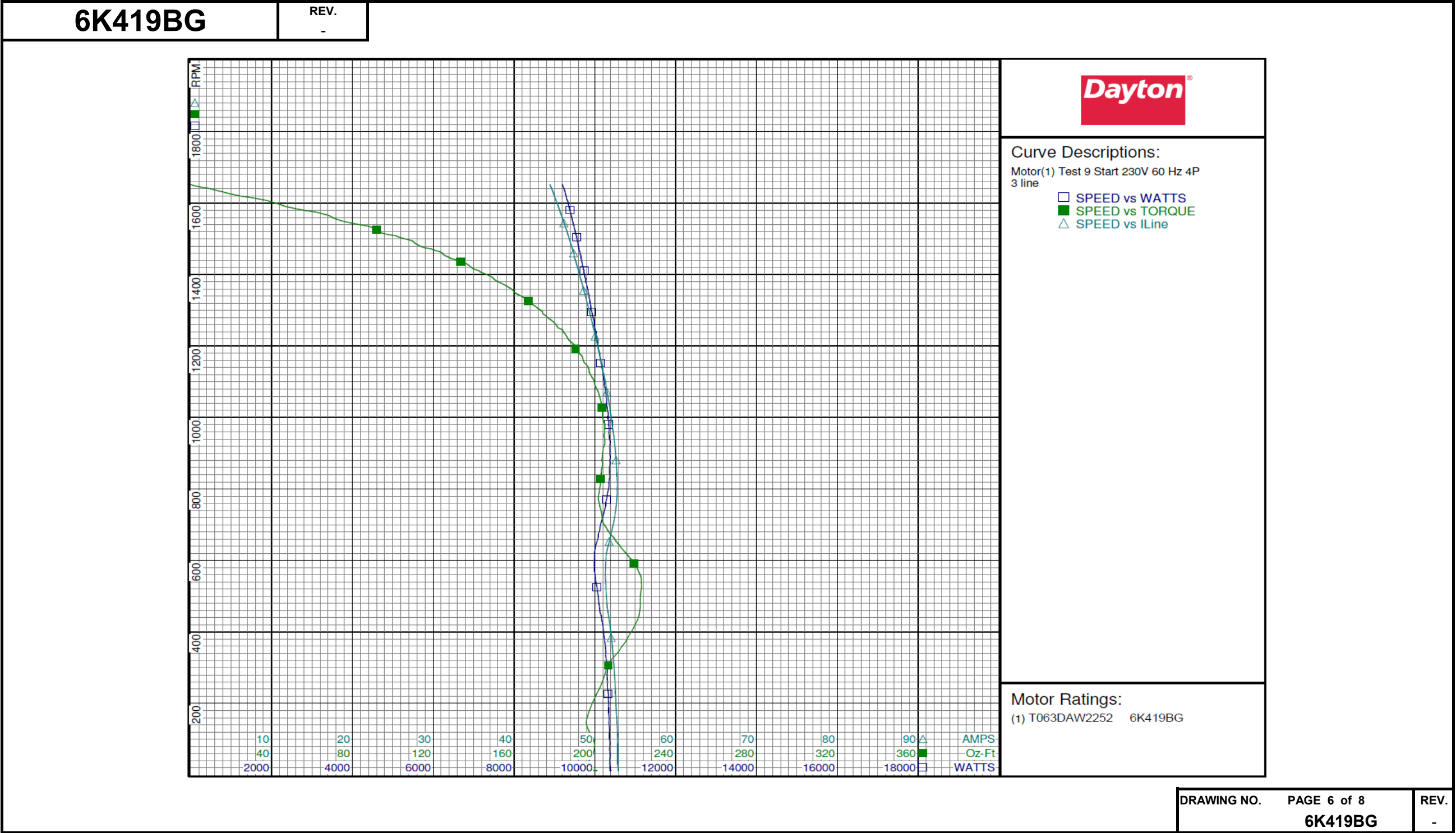
6K419BG

REV.
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DRAWING NO.	PAGE 5 of 8	REV.
6K419BG		-

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

Performance Data



DRAWING NO.	PAGE 6 of 8	REV.
6K419BG		-

Performance Data



6K419BG			REV. -										
Dayton Manufacturing Company													
Motor Description				Test Conditions									
Model: T063DAW2252 6K419BG				Test Type: Run		Run Cap: 50 uFd							
Motor ID: 1				Test Number: 10		Start Cap: 709 uFd							
Poles: 4				Poles: 4		Environment:							
Volts: 115/208-230				Volts: 230		Tested: 3/22/2006 11:33:58 AM							
Frequency: 60				Hz: 60		Tested By: Sharp, Gerald							
HP: 1 1/2				Rotation:		Gear Ratio: 1:1							
Speed: 1725				Special Cond:		Bearing Friction: -0.32 Oz-Ft							
Phase: 1				Speed Conn:		Windage Torque: -1.92 Oz-Ft							
Protector:				TestBoard:		Amps 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
	230.0	208.8	224.0	1.77	4.82	4.187	154	1795	0.00	0.000	0.0	37.8	49.6
18.26 OZ-FT	230.0	209.3	216.3	2.56	4.02	4.026	459	1779	18.26	0.387	62.7	77.9	49.4
	230.0	210.0	213.1	3.00	3.87	3.953	574	1775	25.89	0.547	71.1	83.2	49.2
36.52 OZ-FT	230.0	210.4	209.0	3.71	3.79	3.863	749	1770	36.52	0.770	76.6	87.8	49.0
	230.0	209.3	203.1	5.00	4.21	3.749	1053	1758	53.99	1.130	80.0	91.6	49.0
54.78 OZ-FT	230.0	209.2	202.8	5.06	4.24	3.744	1068	1758	54.78	1.146	80.1	91.7	49.0
1.5 HP	230.0	207.4	196.6	6.45	5.19	3.636	1377	1744	72.26	1.500	81.2	92.8	49.0
73.04 OZ-FT	230.0	207.3	196.3	6.52	5.25	3.630	1393	1743	73.04	1.516	81.2	92.9	49.1
	230.0	206.7	194.6	6.90	5.56	3.599	1476	1739	77.50	1.604	81.1	92.9	49.1
84 OZ-FT	230.0	205.8	191.9	7.50	6.08	3.552	1605	1732	84.00	1.732	80.5	93.0	49.1
1.725 HP	230.0	205.8	192.0	7.47	6.05	3.554	1598	1733	83.62	1.725	80.5	93.0	49.1
1725 RPM	230.0	204.9	188.9	8.18	6.69	3.500	1753	1725	91.64	1.882	80.1	93.2	49.1
91.3 OZ-FT	230.0	204.9	189.1	8.15	6.66	3.503	1747	1725	91.30	1.875	80.1	93.2	49.1
	230.0	204.1	186.7	8.74	7.23	3.459	1872	1719	96.55	1.975	78.7	93.1	49.2
	230.0	201.0	178.5	10.63	9.09	3.317	2271	1697	116.46	2.353	77.3	92.9	49.3
	230.0	197.9	170.7	12.59	11.10	3.192	2679	1674	132.69	2.644	73.6	92.6	49.6
	230.0	194.3	163.0	14.57	13.17	3.065	3069	1647	146.39	2.870	69.8	91.6	49.9
	230.0	190.4	155.5	16.53	15.28	2.938	3437	1620	158.74	3.061	66.5	90.4	50.1
	230.0	186.5	148.3	18.47	17.36	2.817	3791	1590	166.18	3.145	61.9	89.2	50.4
	230.0	182.3	141.4	20.40	19.44	2.693	4126	1556	170.58	3.161	57.2	87.9	50.5
	230.0	178.2	135.2	22.27	21.48	2.583	4431	1522	174.56	3.162	53.2	86.5	50.7
BDT OZ-FT	230.0	174.7	130.7	23.68	23.04	2.499	4642	1491	176.17	3.127	50.2	85.2	50.7
	230.0	173.8	129.5	24.06	23.46	2.480	4699	1483	175.41	3.096	49.2	84.9	50.8
	230.0	169.6	124.5	25.79	25.36	2.389	4954	1441	172.76	2.963	44.6	83.5	50.9
	230.0	165.0	120.1	27.48	27.21	2.307	5173	1394	167.33	2.777	40.1	81.8	51.0
	230.0	160.8	116.4	29.06	28.95	2.238	5373	1344	161.26	2.581	35.8	80.4	51.0
	230.0	156.5	113.4	30.57	30.60	2.179	5539	1291	151.81	2.333	31.4	78.8	51.0
	230.0	152.2	111.0	31.97	32.15	2.130	5680	1233	140.76	2.066	27.1	77.3	50.9
	230.0	148.2	109.3	33.28	33.59	2.091	5805	1171	128.35	1.789	23.0	75.8	50.7
	230.0	144.3	108.2	34.49	34.94	2.066	5894	1103	114.02	1.497	19.0	74.3	50.6
	230.0	140.6	107.5	35.61	36.19	2.043	5971	1030	98.28	1.205	15.1	72.9	50.4
	230.0	137.3	107.1	36.63	37.33	2.028	6023	952	80.42	0.911	11.3	71.5	50.2
	230.0	134.2	106.5	37.55	38.36	2.013	6037	868	59.58	0.616	7.6	69.9	50.1
	230.0	131.8	105.7	38.30	39.24	1.992	6016	776	36.76	0.340	4.2	68.3	50.0
	230.0	129.1	105.1	38.64	39.70	1.979	5899	679	19.03	0.154	1.9	66.4	50.0
	230.0	122.4	109.1	38.25	39.48	2.046	5793	581	34.24	0.237	3.0	65.9	49.8
	230.0	114.1	117.5	38.11	39.46	2.208	5920	478	62.25	0.354	4.5	67.5	49.8
	230.0	110.3	121.5	38.75	40.14	2.260	6055	361	52.35	0.225	2.8	67.9	49.3
	230.0	107.5	123.8	39.26	40.72	2.296	6114	234	31.52	0.088	1.1	67.7	49.2
PUT OZ-FT	230.0	209.0	217.2	2.46	4.07	4.046	428	1782	16.24	0.344	59.9	75.8	49.4
	230.0	103.8	127.1	39.48	41.03	2.360	6125	99	16.24	0.019	0.2	67.4	49.3

DRAWING NO. PAGE 7 of 8

6K419BG

REV.
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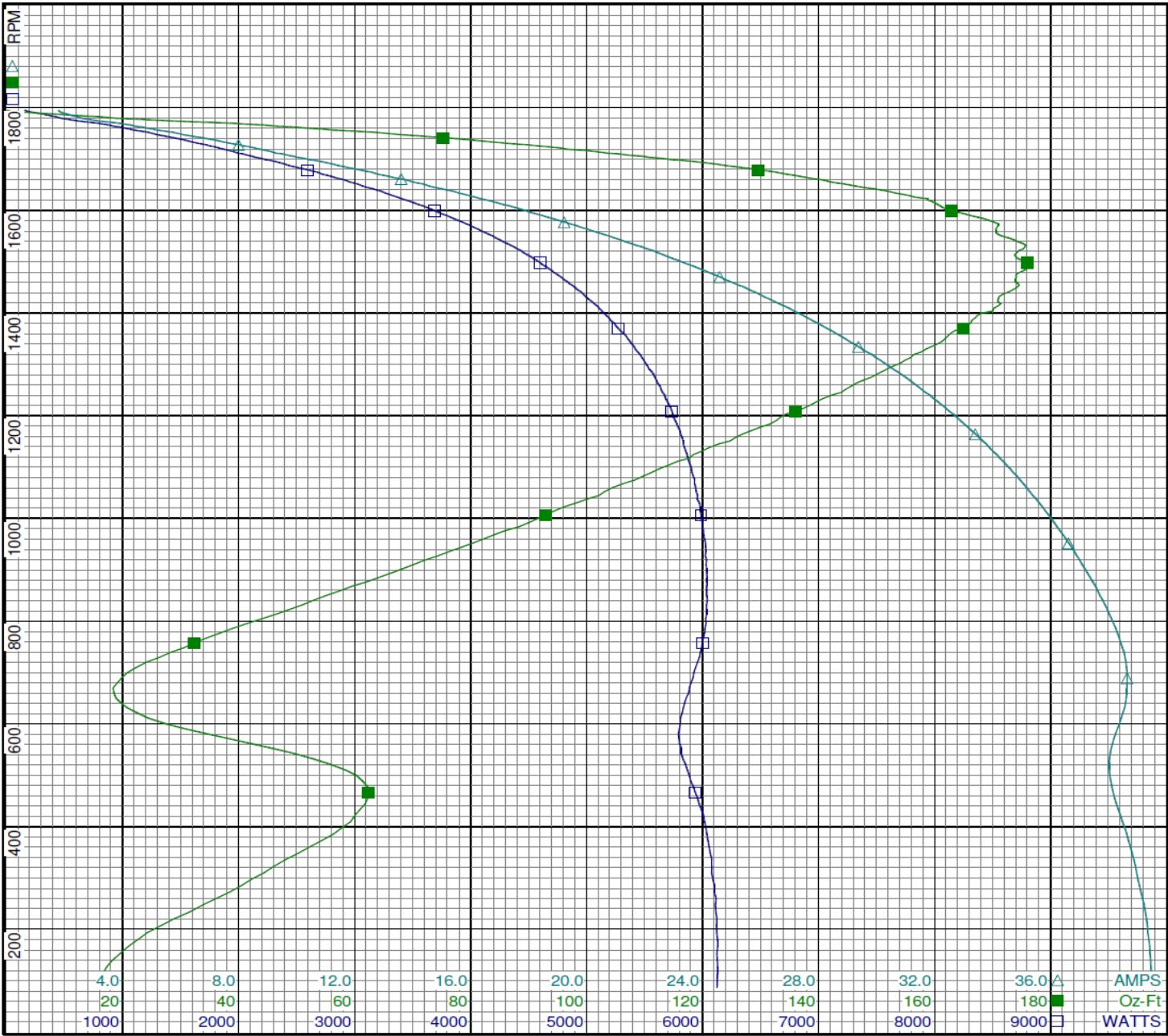
Performance Data



6K419BG

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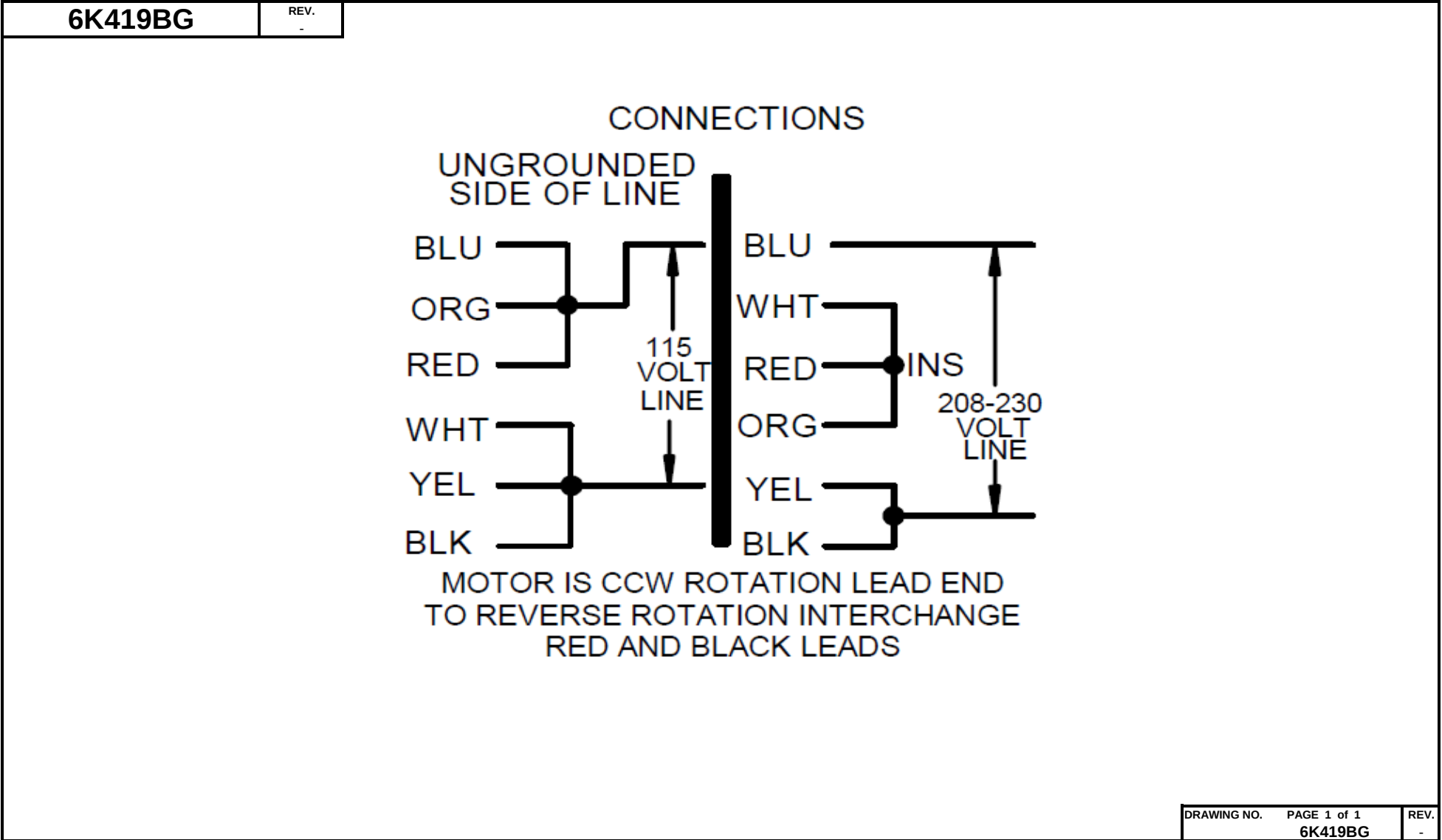
Curve Descriptions:
Motor(1) Test 10 Run 230V 60 Hz 4P

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

Motor Ratings:
(1) T063DAW2252 6K419BG

DRAWING NO.	PAGE 8 of 8	REV.
6K419BG		-

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

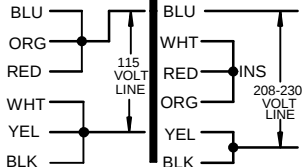


Dayton[®]**INDUSTRIAL MOTOR****HP:** 1 1/2**VOLTS:** 115/208-230**AMPS:** 14.4/8.0-7.2**RPM:** 1725**DUTY:** CONT**SF:** 1.15**KVA CODE:** J**ENCL:** TEFC**THERMALLY PROTECTED:** NONE

MFG. NO.



PROT. CODE:

**MTR REF:** T63DAW-2252**S.F. AT 208 V IS** 1.0Part
No**6K419BG****PH:** 1**HZ:** 60**FR:** 56HZ**INS CL:** B**AMB:** 40 °C**SFA:** 15.8/8.0-7.9AVG. F.L.
EFF.**Disconnect Power Before Making
Any Electrical Connections or Changes****CONNECTIONS**UNGROUND
SIDE OF LINE**MOTOR IS CCW ROTATION LEAD END
TO REVERSE ROTATION INTERCHANGE
RED AND BLACK LEADS**

E47479



258501

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

Made in Mexico