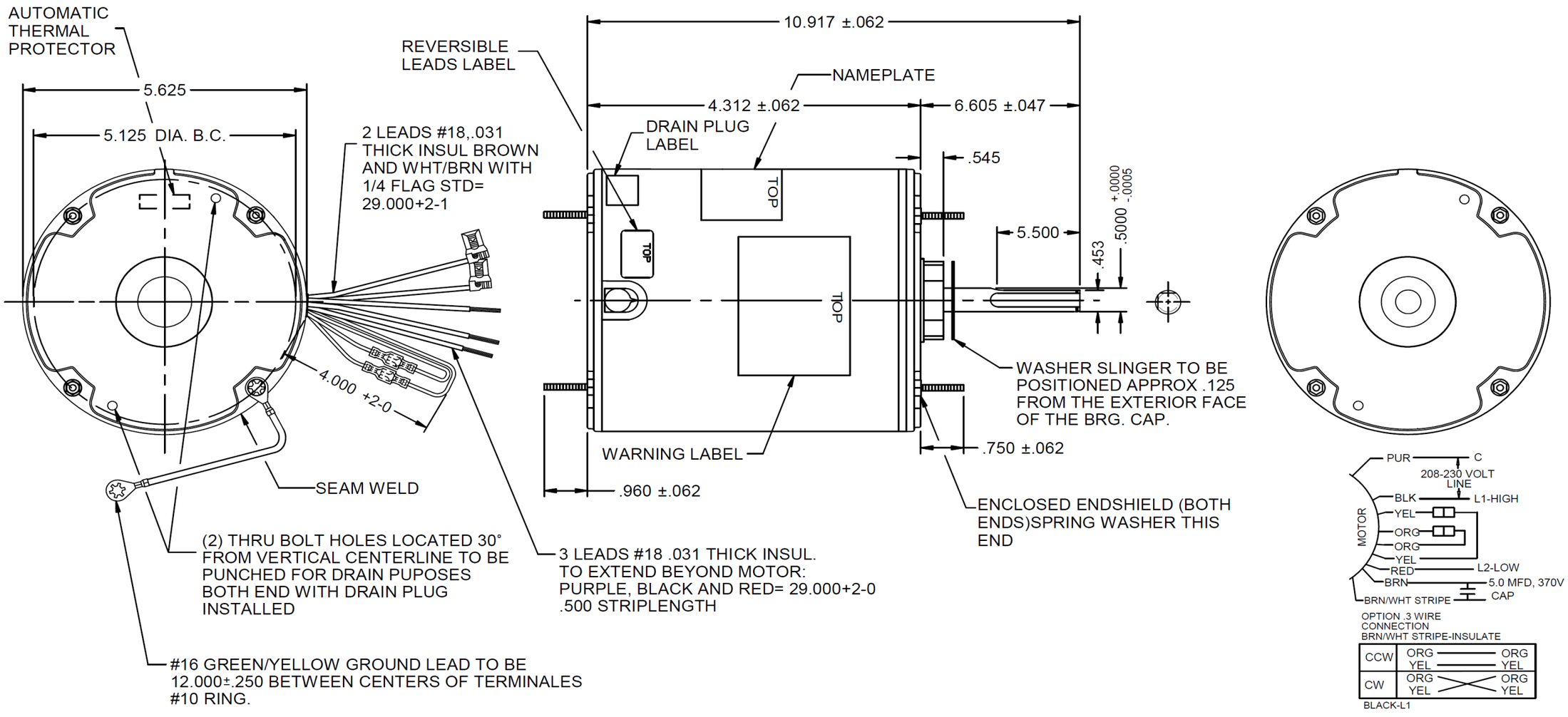
Dimensional Drawing

3M839BG

REV. -

MODEL	REF	CUSTOMER	HP	VOLTS	AMPS	HZ	RPM	ROTATION	CUSTOMER PN	DESCRIPTION / REMARKS
K55HXLNZ-2517	C43245	GRAINGER	1/6	208-230	1.0	60	1075/2 SPD	CCW LEAD END REV.	3M839BG	48YZ, CONDENSER FAN.



DRAWING NO.	PAGE 1 of 1	REV.
3M839BG		-

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

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Performance Data

3M839BG	REV. -

SHADED-POLE & PSC MOTOR PERFORMANCE

HP:	1/6							
Poles:	6							
Ambient (ºC):	60							
Altitude (FASL):								
No. of Speeds:	2							
HIGH SPEED								
Volts:	208-230	**208**	**230**					
HZ:	60	**60**	**60**					
Service Factor:	1							
Efficiency:	@ Rated Load							
Power Factor:	@ Rated Load							
Amps:	@ No Load							
	@ Rated Load	0.975	1.1					
	@ Locked Rotor	2.213	2.493					
RPM:	@ Rated Load	1075	1075					
Torques:	Breakdown	14.202	17.697					
Oz.Ft. / Lb.In.	Locked Rotor	4.145	4.704					
(Circle One)	Pull-Up	4.006	4.704					
	Rated Load	10.777	13.304					
	Service Factor	N/A	N/A					
Watts:	Rated Load	184.2	228					
Temperature Rise:	@ Rated Load	N/A	N/A					
Thermal Protector:	Trip Temp (ºC)	N/A	N/A					
Winding Material:	Start (Auxiliary)	Cu	Cu					
	Run (Main)	Cu	Cu					
Capacitor:	Run (MFD / Volts)	5.0 MFD/370V						
	No. of Run Capacitors							
MEDIUM-HIGH SPEED								
HP:								
Volts:								
HZ:								
Efficiency:	@ Rated Load							
Power Factor:	@ Rated Load							
Amps:	@ No Load							
	@ Rated Load							
	@ Locked Rotor							
Torques:	Breakdown							
Oz.Ft. / Lb.In.	Locked Rotor							
(Circle One)	Pull-Up							
	Rated Load							
Watts:	Rated Load							
Temperature Rise:	@ Rated Load							

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

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Performance Data

3M839BG	REV. -

SHADED-POLE & PSC MOTOR PERFORMANCE

MEDIUM-LOW SPEED

HP:									
Volts:									
HZ:									
Efficiency:	@ Rated Load								
Power Factor:	@ Rated Load								
Amps:	@ No Load								
	@ Rated Load								
Torques:	Breakdown								
Oz.Ft. / Lb.In. (Circle One)	Locked Rotor								
	Pull-Up								
	Rated Load								
Watts:	Rated Load								
Temperature Rise:	@ Rated Load								
Watts:	Rated Load								
Temperature Rise:	@ Rated Load								
Thermal Protector:	Trip Temp (ºC)								
Winding Material:	Start (Auxiliary)								
	Run (Main)								

LOW SPEED

HP:									
Volts:									
HZ:									
Efficiency:	@ Rated Load								
Power Factor:	@ Rated Load								
Amps:	@ No Load								
	@ Rated Load								
Torques:	Breakdown								
Oz.Ft. / Lb.In. (Circle One)	Locked Rotor								
	Pull-Up								
	Rated Load								
Watts:	Rated Load								
Temperature Rise:	@ Rated Load								

Notes:

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Performance Data

3M839BG	REV. -

Dayton Manufacturing Company

Motor Description

Model:	K055LNZ2517
Motor ID:	1/1
Poles:	6
Volts:	208-230
Frequency:	60
HP:	1/6
Speed:	1075
Phase:	1
Protector:	7AM036 A5

Test Conditions

Test Type:	Start	Run Cap:	0
Test Number:	2	Start Cap:	0µfd
Poles:	6	Environment:	20.5 Deg C 46 % RH 1003 hPa
Volts:	230	Tested:	10/27/2016 3:11:45 PM
Hz:	60	Tested By:	Sharp, Gerald
Rotation:		Gear Ratio:	1:1
Special Cond:	M1	Bearing Friction:	-0.10 Oz-Ft
Speed Conn:		Windage Torque:	-0.53 Oz-Ft
TestBoard:	Amtps Performance	Fixture #4	

Special Points PUT OZ-FT	Vline(V)	Vaux(V)	Vcap(V)	Iline(A)	Imain(A)	Iaux(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF(%)	Cap
	230.0	**49.9**	**259.0**	**2.493**	**2.764**	**0.521**	**460.8**	**0**	**4.704**	**0.000**	**0.0**	**80.4**	**5.3**
	230.0	49.9	259.0	2.493	2.764	0.521	460.8	0	4.704	0.000	0.0	80.4	5.3
	230.0	50.0	258.4	2.491	2.761	0.520	460.6	10	5.082	0.001	0.1	80.4	5.3
	230.0	51.3	255.2	2.481	2.739	0.512	458.2	104	6.718	0.008	1.4	80.3	5.3
	230.0	53.3	251.5	2.455	2.699	0.503	454.9	213	8.169	0.021	3.4	80.6	5.3
	230.0	55.4	249.5	2.419	2.650	0.496	450.7	318	9.228	0.035	5.8	81.0	5.3
	230.0	59.3	246.8	2.375	2.592	0.490	443.2	410	10.389	0.051	8.5	81.1	5.3
	230.0	64.8	245.7	2.326	2.527	0.490	439.4	488	11.592	0.067	11.4	82.1	5.3
	230.0	70.7	245.6	2.270	2.452	0.491	433.9	560	12.839	0.086	14.7	83.1	5.3
	230.0	76.5	245.7	2.205	2.369	0.492	425.9	623	13.979	0.104	18.2	84.0	5.3
	230.0	82.4	246.3	2.132	2.281	0.493	416.0	683	14.974	0.122	21.8	84.9	5.3
	230.0	88.7	247.3	2.050	2.183	0.494	404.4	739	15.843	0.139	25.7	85.8	5.3
	230.0	95.2	248.7	1.966	2.083	0.497	392.0	786	16.580	0.155	29.5	86.7	5.3
	230.0	101.8	250.8	1.879	1.980	0.501	378.2	830	17.048	0.168	33.2	87.5	5.3
	230.0	108.4	253.5	1.790	1.876	0.506	363.1	870	17.365	0.180	36.9	88.2	5.3
	230.0	114.9	256.7	1.699	1.773	0.512	347.3	905	17.464	0.188	40.4	88.9	5.3
	230.0	121.7	260.6	1.607	1.670	0.519	330.9	937	17.356	0.194	43.7	89.5	5.3
	230.0	128.2	264.8	1.514	1.569	0.527	313.0	967	17.052	0.196	46.8	89.9	5.3
	230.0	134.6	269.5	1.423	1.472	0.535	295.2	994	16.576	0.196	49.6	90.2	5.3
	230.0	140.9	274.4	1.330	1.379	0.544	276.6	1018	15.887	0.193	51.9	90.4	5.3
	230.0	146.9	279.6	1.243	1.296	0.554	258.9	1040	15.050	0.186	53.7	90.5	5.3
	230.0	152.4	284.7	1.161	1.221	0.564	241.3	1060	14.100	0.178	55.0	90.3	5.3
	230.0	157.6	290.1	1.079	1.153	0.574	223.0	1078	12.965	0.166	55.7	89.8	5.2
	230.0	162.6	295.4	1.002	1.095	0.584	205.5	1095	11.776	0.153	55.7	89.2	5.2
	230.0	166.9	300.5	0.932	1.049	0.594	189.2	1110	10.506	0.139	54.7	88.3	5.2
	230.0	170.7	305.5	0.859	1.010	0.605	171.5	1125	9.100	0.122	53.0	86.7	5.2
	230.0	173.8	310.7	0.794	0.983	0.615	154.7	1138	7.633	0.103	49.9	84.7	5.3
	230.0	176.7	315.8	0.734	0.968	0.626	138.1	1151	6.082	0.083	45.0	81.8	5.3
	230.0	180.1	322.1	0.676	0.970	0.637	119.1	1165	4.152	0.058	36.1	76.6	5.2
	230.0	182.8	326.8	0.643	0.990	0.646	105.1	1177	2.504	0.035	24.9	71.1	5.2
	230.0	185.9	332.1	0.620	1.025	0.656	90.4	1189	0.628	0.009	7.3	63.4	5.2
	230.0	186.9	333.8	0.616	1.043	0.660	84.7	1194	0.000	0.000	0.0	59.8	5.2

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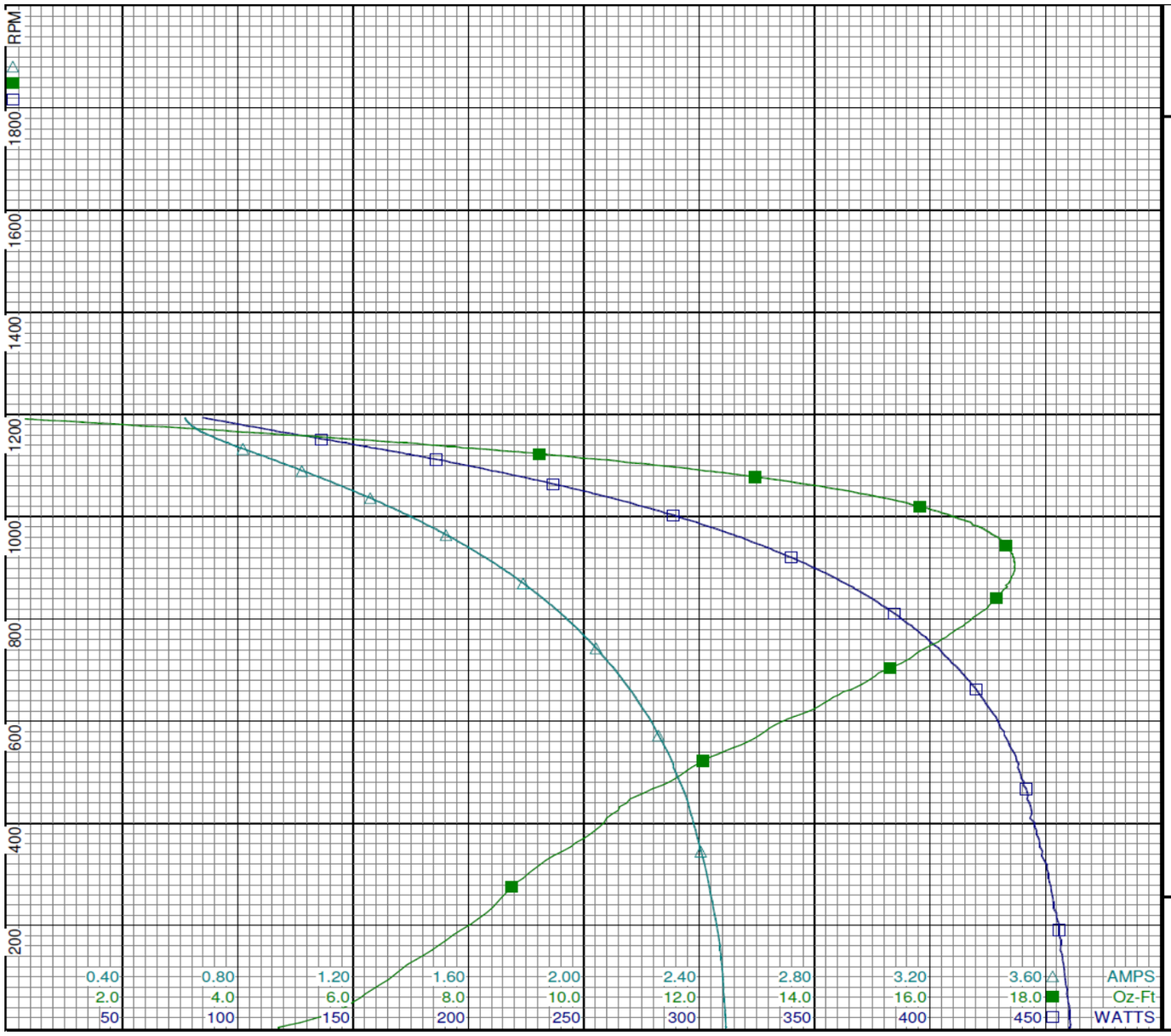
Performance Data

3M839BG	REV. -



Dayton

Curve Descriptions:

Motor(1) Test 2 Start 230V 60 Hz 6P
M1

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

Motor Ratings:

(1) K055LNZ2517 ID: 1/1

DRAWING NO.	PAGE 2 of 8	REV.
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Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

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Performance Data

3M839BG	REV. -

Dayton Manufacturing Company

Motor Description

Model:	K055LNZ2517
Motor ID:	1/1
Poles:	6
Volts:	208-230
Frequency:	60
HP:	1/6
Speed:	1075
Phase:	1
Protector:	7AM036 A5

Test Conditions

Test Type:	Run	Run Cap:	0
Test Number:	4	Start Cap:	0µfd
Poles:	6	Environment:	20.9 Deg C 49 % RH 994 hPa
Volts:	230	Tested:	7/13/2016 7:52:53 AM
Hz:	60	Tested By:	Sharp, Gerald
Rotation:		Gear Ratio:	1:1
Special Cond:	M1	Bearing Friction:	-0.15 Oz-Ft
Speed Conn:	M1	Windage Torque:	-0.71 Oz-Ft
TestBoard:	Amtps Performance	Fixture #4	

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	186.7	333.2	0.616	1.041	0.657	84.4	1193	0.000	0.000	0.0	59.6	5.2
	230.0	184.8	329.6	0.627	1.008	0.650	96.0	1184	1.385	0.020	15.2	66.6	5.2
	230.0	182.6	325.6	0.648	0.982	0.642	108.5	1173	2.866	0.040	27.5	72.8	5.2
	230.0	179.8	320.6	0.679	0.967	0.633	120.5	1160	4.302	0.059	36.8	77.2	5.2
	230.0	176.8	315.3	0.736	0.965	0.623	138.8	1149	6.177	0.084	45.4	82.0	5.2
	230.0	174.1	310.3	0.799	0.982	0.613	156.1	1137	7.755	0.105	50.1	85.0	5.2
	230.0	170.6	304.8	0.874	1.015	0.602	175.2	1122	9.368	0.125	53.3	87.1	5.2
	230.0	166.0	298.5	0.963	1.064	0.589	196.7	1104	11.105	0.146	55.3	88.8	5.2
	230.0	160.7	292.5	1.051	1.124	0.578	217.0	1086	12.565	0.162	55.8	89.8	5.2
12.75 OZ-FT	**230.0**	**159.9**	**291.7**	**1.062**	**1.133**	**0.576**	**219.4**	**1084**	**12.750**	**0.165**	**55.9**	**89.8**	**5.2**
0.167 HP	**230.0**	**159.2**	**290.9**	**1.074**	**1.142**	**0.575**	**222.3**	**1081**	**12.949**	**0.167**	**55.9**	**90.0**	**5.2**
1075 RPM	**230.0**	**157.6**	**289.2**	**1.100**	**1.164**	**0.571**	**228.0**	**1075**	**13.304**	**0.170**	**55.7**	**90.1**	**5.2**
	230.0	154.6	286.1	1.148	1.202	0.566	238.7	1065	13.998	0.177	55.5	90.4	5.2
	230.0	148.1	280.0	1.235	1.290	0.554	256.6	1042	15.142	0.188	54.6	90.3	5.2
	230.0	142.0	274.3	1.331	1.381	0.544	276.8	1019	16.075	0.195	52.5	90.4	5.3
	230.0	135.2	269.1	1.429	1.481	0.534	296.5	992	16.840	0.199	50.0	90.2	5.3
	230.0	128.4	264.2	1.527	1.585	0.525	315.4	965	17.296	0.199	47.0	89.8	5.3
	230.0	121.8	260.1	1.622	1.689	0.518	333.5	934	17.608	0.196	43.8	89.4	5.3
BDT OZ-FT	**230.0**	**118.4**	**258.3**	**1.668**	**1.740**	**0.515**	**341.8**	**919**	**17.697**	**0.194**	**42.2**	**89.1**	**5.3**
	230.0	115.2	256.4	1.714	1.791	0.512	349.9	902	17.652	0.190	40.4	88.8	5.3
	230.0	108.9	253.6	1.797	1.887	0.506	364.2	869	17.539	0.181	37.2	88.1	5.3
	230.0	102.8	251.1	1.882	1.985	0.502	378.7	832	17.234	0.171	33.6	87.5	5.3
	230.0	96.6	249.2	1.958	2.075	0.498	390.5	793	16.775	0.158	30.3	86.7	5.3
	230.0	91.1	247.8	2.029	2.159	0.496	401.3	753	16.175	0.145	26.9	86.0	5.3
	230.0	85.9	247.0	2.095	2.240	0.494	411.0	710	15.489	0.131	23.8	85.3	5.3
	230.0	80.8	246.3	2.155	2.313	0.493	419.3	665	14.697	0.116	20.7	84.6	5.3
	230.0	76.1	246.0	2.209	2.380	0.493	426.2	618	13.823	0.102	17.8	83.9	5.3
	230.0	71.4	246.0	2.259	2.443	0.492	432.6	569	12.854	0.087	15.0	83.3	5.3
	230.0	67.1	246.2	2.304	2.500	0.492	437.5	515	11.860	0.073	12.4	82.6	5.3
	230.0	63.0	246.5	2.339	2.550	0.493	441.4	459	10.961	0.060	10.1	82.1	5.3
	230.0	59.0	247.2	2.372	2.594	0.492	444.9	403	10.106	0.048	8.1	81.6	5.3
	230.0	56.4	248.7	2.399	2.631	0.495	448.1	341	9.477	0.039	6.4	81.2	5.3
	230.0	54.1	250.2	2.423	2.663	0.498	451.1	281	8.742	0.029	4.8	81.0	5.3
	230.0	52.7	251.7	2.444	2.692	0.503	454.0	214	8.080	0.021	3.4	80.8	5.3
	230.0	51.9	253.8	2.461	2.717	0.510	456.7	139	6.968	0.011	1.9	80.7	5.3

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

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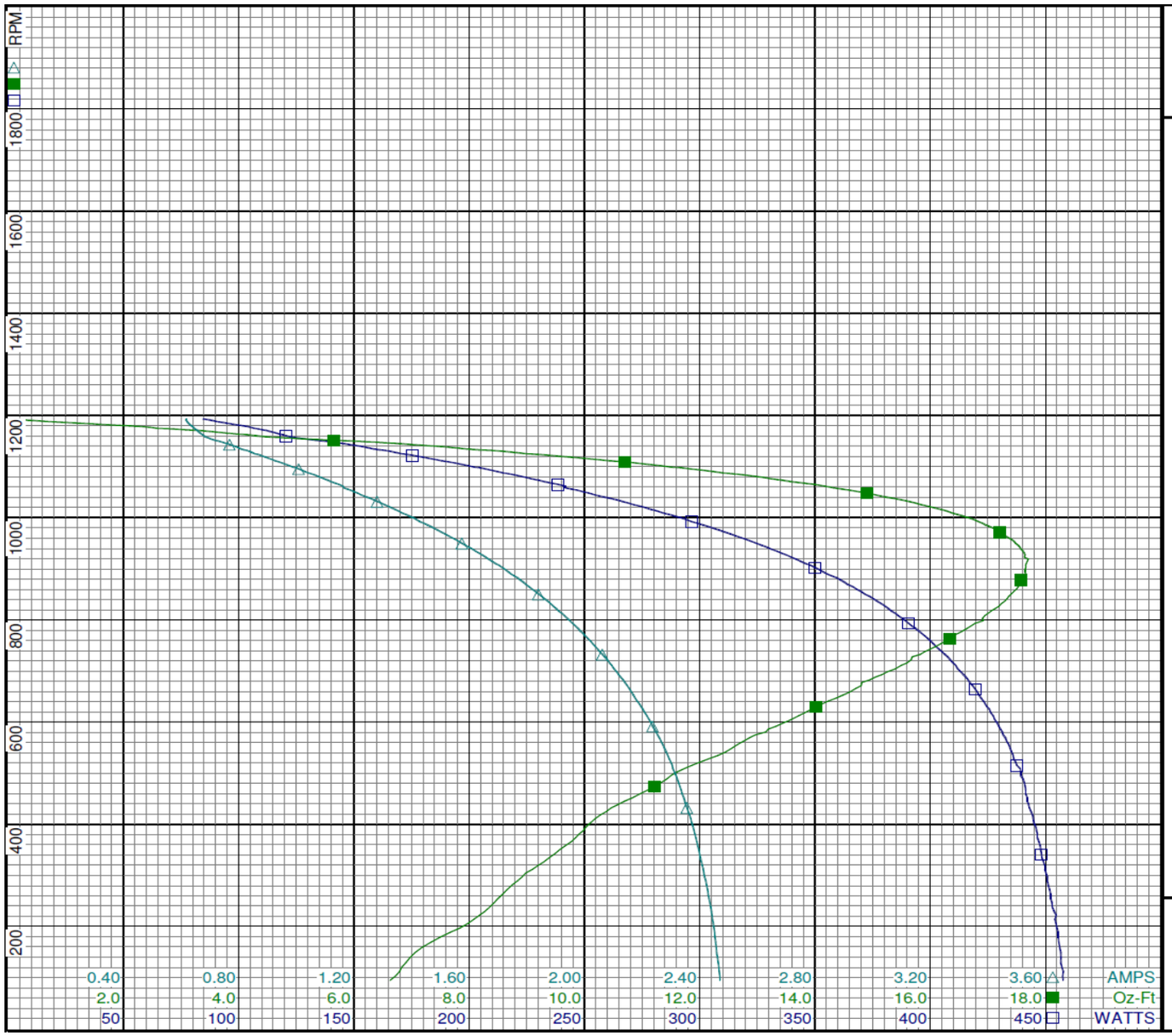
Performance Data

3M839BG	REV. -



Dayton

Curve Descriptions:

Motor(1) Test 4 Run 230V 60 Hz 6P
M1 M1

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

Motor Ratings:

(1) K055LNZ2517 ID: 1/1

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Performance Data

3M839BG	REV. -

Dayton Manufacturing Company

Motor Description

Model:	K055LNZ2517
Motor ID:	1/1
Poles:	6
Volts:	208-230
Frequency:	60
HP:	1/6
Speed:	1075
Phase:	1
Protector:	7AM036 A5

Test Conditions

Test Type:	Start	Run Cap:	0
Test Number:	6	Start Cap:	0µfd
Poles:	6	Environment:	20.0 Deg C 46 % RH 1003 hPa
Volts:	230	Tested:	10/27/2016 5:34:34 PM
Hz:	60	Tested By:	Sharp, Gerald
Rotation:		Gear Ratio:	1:1
Special Cond:	M2	Bearing Friction:	-0.11 Oz-Ft
Speed Conn:		Windage Torque:	-0.49 Oz-Ft
TestBoard:	Amtps Performance	Fixture #4	

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	41.2	203.5	1.583	1.819	0.414	289.0	0	3.467	0.000	0.0	79.4	5.4
	230.0	41.5	203.2	1.582	1.817	0.413	288.8	8	3.375	0.000	0.1	79.4	5.4
PUT OZ-FT	**230.0**	**41.5**	**203.2**	**1.582**	**1.817**	**0.412**	**288.8**	**13**	**3.363**	**0.001**	**0.1**	**79.4**	**5.4**
	230.0	44.9	200.7	1.577	1.803	0.406	287.6	100	4.128	0.005	1.3	79.3	5.4
	230.0	49.8	197.6	1.561	1.776	0.398	285.4	214	4.924	0.013	3.3	79.5	5.3
	230.0	53.4	195.5	1.538	1.742	0.392	282.8	315	5.771	0.022	5.7	80.0	5.3
	230.0	58.2	193.5	1.512	1.706	0.389	279.9	406	6.285	0.030	8.1	80.5	5.3
	230.0	63.5	192.1	1.482	1.663	0.388	276.9	484	7.053	0.041	11.0	81.3	5.4
	230.0	68.2	191.5	1.445	1.613	0.387	273.0	556	7.920	0.052	14.3	82.1	5.4
	230.0	73.1	191.3	1.404	1.558	0.387	268.1	622	8.667	0.064	17.8	83.0	5.4
	230.0	78.1	191.4	1.358	1.498	0.386	262.1	681	9.313	0.075	21.5	83.9	5.4
	230.0	83.0	191.9	1.309	1.436	0.387	255.2	734	9.925	0.087	25.4	84.8	5.3
	230.0	87.9	193.1	1.257	1.372	0.389	247.8	782	10.369	0.097	29.1	85.7	5.3
	230.0	92.9	194.6	1.201	1.303	0.391	239.0	827	10.698	0.105	32.9	86.5	5.3
	230.0	97.6	196.6	1.147	1.238	0.395	230.1	865	10.900	0.112	36.4	87.2	5.3
	230.0	102.6	199.3	1.087	1.168	0.399	220.1	902	10.995	0.118	40.0	88.0	5.3
	230.0	107.4	202.4	1.026	1.098	0.405	209.1	937	10.924	0.122	43.5	88.6	5.3
	230.0	112.3	206.1	0.964	1.029	0.412	198.3	967	10.719	0.123	46.4	89.5	5.3
	230.0	116.8	210.1	0.905	0.965	0.419	186.1	995	10.432	0.124	49.5	89.5	5.3
	230.0	121.1	214.3	0.845	0.908	0.427	174.6	1019	10.008	0.121	51.8	89.8	5.3
	230.0	125.2	218.9	0.786	0.851	0.436	162.6	1042	9.456	0.117	53.8	90.0	5.3
	230.0	129.0	223.7	0.729	0.801	0.445	151.0	1062	8.837	0.112	55.2	90.1	5.3
	230.0	132.5	228.5	0.674	0.757	0.454	139.4	1080	8.133	0.105	56.0	90.0	5.3
	230.0	135.8	233.6	0.621	0.719	0.464	128.1	1097	7.353	0.096	55.9	89.7	5.3
	230.0	138.9	239.2	0.565	0.686	0.475	115.8	1114	6.424	0.085	54.9	89.1	5.3
	230.0	141.5	244.7	0.512	0.659	0.487	103.8	1130	5.484	0.074	53.0	88.3	5.3
	230.0	143.3	250.1	0.464	0.640	0.499	93.0	1143	4.555	0.062	49.7	87.2	5.3
	230.0	144.6	256.1	0.419	0.631	0.512	82.4	1156	3.516	0.048	43.8	85.5	5.3
	230.0	146.4	262.0	0.381	0.632	0.524	72.3	1168	2.482	0.035	35.6	82.5	5.3
	230.0	148.4	268.2	0.345	0.650	0.534	60.9	1181	1.206	0.017	20.8	76.8	5.3
	230.0	150.4	273.5	0.318	0.676	0.543	50.5	1194	0.000	0.000	0.0	69.0	5.3

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Performance Data

3M839BG	REV. -

Curve Descriptions:

Motor(1) Test 6 Start 230V 60 Hz 6P
M2

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

Motor Ratings:

(1) K055LNZ2517 ID: 1/1

DRAWING NO.	PAGE 6 of 8	REV.
3M839BG		-

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

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Performance Data

3M839BG	REV. -

Dayton Manufacturing Company

Motor Description

Model:	K055LNZ2517
Motor ID:	1/1
Poles:	6
Volts:	208-230
Frequency:	60
HP:	1/6
Speed:	1075
Phase:	1
Protector:	7AM036 A5

Test Conditions

Test Type:	Run	Run Cap:	0
Test Number:	6	Start Cap:	0µfd
Poles:	6	Environment:	21.0 Deg C 51 % RH 994 hPa
Volts:	230	Tested:	7/13/2016 8:27:52 AM
Hz:	60	Tested By:	Sharp, Gerald
Rotation:		Gear Ratio:	1:1
Special Cond:	M2	Bearing Friction:	-0.11 Oz-Ft
Speed Conn:	M2	Windage Torque:	-0.64 Oz-Ft
TestBoard:	Amtps Performance	Fixture #4	

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	150.7	273.1	0.321	0.675	0.542	50.7	1191	0.000	0.000	0.0	68.6	5.3
	230.0	148.7	267.2	0.350	0.644	0.532	62.6	1175	1.420	0.020	23.7	77.6	5.3
	230.0	146.4	260.5	0.396	0.632	0.520	75.5	1166	2.684	0.037	36.8	82.9	5.3
	230.0	145.5	257.7	0.413	0.631	0.515	80.2	1157	3.230	0.044	41.4	84.5	5.3
	230.0	144.0	251.3	0.458	0.638	0.501	91.6	1143	4.305	0.059	47.7	86.9	5.3
	230.0	142.1	245.3	0.507	0.657	0.488	102.6	1129	5.376	0.072	52.5	88.1	5.3
	230.0	139.5	239.7	0.562	0.682	0.476	115.2	1114	6.401	0.085	55.0	89.2	5.3
	230.0	135.9	233.8	0.623	0.719	0.464	128.6	1097	7.413	0.097	56.1	89.7	5.3
	230.0	132.4	228.4	0.681	0.761	0.454	141.1	1078	8.246	0.106	55.9	90.1	5.3
	230.0	128.3	222.9	0.743	0.812	0.443	154.2	1058	9.047	0.114	55.2	90.2	5.3
	230.0	124.0	217.7	0.808	0.870	0.433	167.4	1035	9.753	0.120	53.5	90.1	5.3
1025 RPM	**230.0**	**122.1**	**215.5**	**0.836**	**0.897**	**0.429**	**173.0**	**1025**	**9.987**	**0.122**	**52.5**	**90.0**	**5.3**
	230.0	119.7	212.9	0.870	0.929	0.425	179.9	1011	10.254	0.123	51.2	89.8	5.3
	230.0	115.3	208.8	0.929	0.991	0.417	192.0	986	10.660	0.125	48.6	89.8	5.3
	230.0	110.7	204.8	0.991	1.058	0.410	203.5	958	10.907	0.124	45.6	89.3	5.3
	230.0	106.3	201.7	1.047	1.121	0.405	213.5	930	11.049	0.122	42.7	88.7	5.3
BDT OZ-FT	**230.0**	**104.1**	**200.2**	**1.076**	**1.155**	**0.402**	**219.0**	**914**	**11.072**	**0.121**	**41.0**	**88.5**	**5.3**
	230.0	101.7	198.8	1.104	1.187	0.400	223.6	899	11.056	0.118	39.5	88.0	5.3
	230.0	97.2	196.5	1.157	1.250	0.395	232.4	865	10.946	0.113	36.2	87.3	5.3
	230.0	92.8	194.6	1.208	1.311	0.392	240.7	831	10.749	0.106	32.9	86.6	5.3
	230.0	88.4	193.4	1.255	1.369	0.390	247.8	793	10.446	0.099	29.7	85.8	5.4
	230.0	84.2	192.4	1.300	1.425	0.388	254.6	753	10.092	0.090	26.5	85.1	5.4
	230.0	80.1	191.9	1.341	1.477	0.388	260.4	712	9.642	0.082	23.4	84.5	5.4
	230.0	76.2	191.7	1.379	1.525	0.388	265.7	667	9.136	0.073	20.4	83.8	5.4
	230.0	72.4	191.7	1.413	1.570	0.388	270.0	621	8.577	0.063	17.5	83.1	5.4
	230.0	68.5	191.9	1.444	1.612	0.389	273.5	571	7.956	0.054	14.8	82.3	5.4
	230.0	64.8	192.4	1.473	1.651	0.389	276.6	518	7.383	0.046	12.3	81.6	5.4
	230.0	61.3	192.9	1.499	1.686	0.389	279.5	464	6.850	0.038	10.1	81.1	5.3
	230.0	58.0	193.3	1.518	1.714	0.389	281.0	407	6.217	0.030	8.0	80.5	5.3
	230.0	54.6	194.7	1.536	1.740	0.391	283.1	346	5.865	0.024	6.4	80.1	5.3
	230.0	51.1	196.4	1.552	1.763	0.394	284.8	284	5.366	0.018	4.8	79.8	5.3
	230.0	49.8	197.3	1.566	1.783	0.398	286.6	215	5.015	0.013	3.3	79.5	5.3
	230.0	47.6	198.6	1.576	1.798	0.402	288.2	148	4.732	0.008	2.2	79.5	5.4

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Performance Data

3M839BG	REV. -

Curve Descriptions:

Motor(1) Test 6 Run 230V 60 Hz 6P
M2 M2

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

Motor Ratings:

(1) K055LNZ2517 ID: 1/1

DRAWING NO.	PAGE 8 of 8	REV.
3M839BG		-

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

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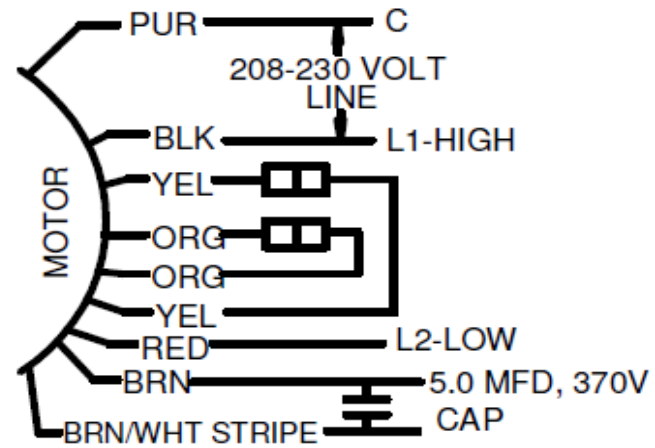
Wiring Diagram

3M839BG	REV. -



OPTION .3 WIRE
CONNECTION
BRN/WHT STRIPE-INSULATE

CCW	ORG YEL	ORG YEL
CW	ORG YEL	ORG YEL

BLACK-L1

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Dayton®

CONDENSER FAN MOTOR

Part No 3M839BG

HP: 1/6
VOLTS: 208-230
AMPS: 1.0
RPM: 1075/2 SPD
DUTY: CONT
SF: 1.0
KVA CODE:
ENCL:TEAO.

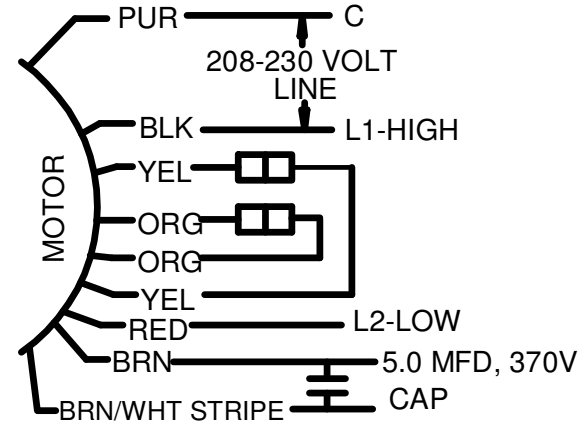
PH: 1
HZ: 60
FR: 48YZ
INS CL: B
AMB: 60 °C
SFA: 1.0

THERMALLY PROTECTED: AUTO

MFG. NO. [ ] PROT. CODE : [7A010] AVG. F.L. EFF.

MTR REF: K55HXLNZ-2517

Disconnect Power Before Making Any Electrical Connections or Changes



OPTION .3 WIRE CONNECTION
BRN/WHT STRIPE-INSULATE

CCW	ORG YEL	ORG YEL
CW	ORG YEL	ORG YEL

BLACK-L1

E37403

258501

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

Made in Mexico