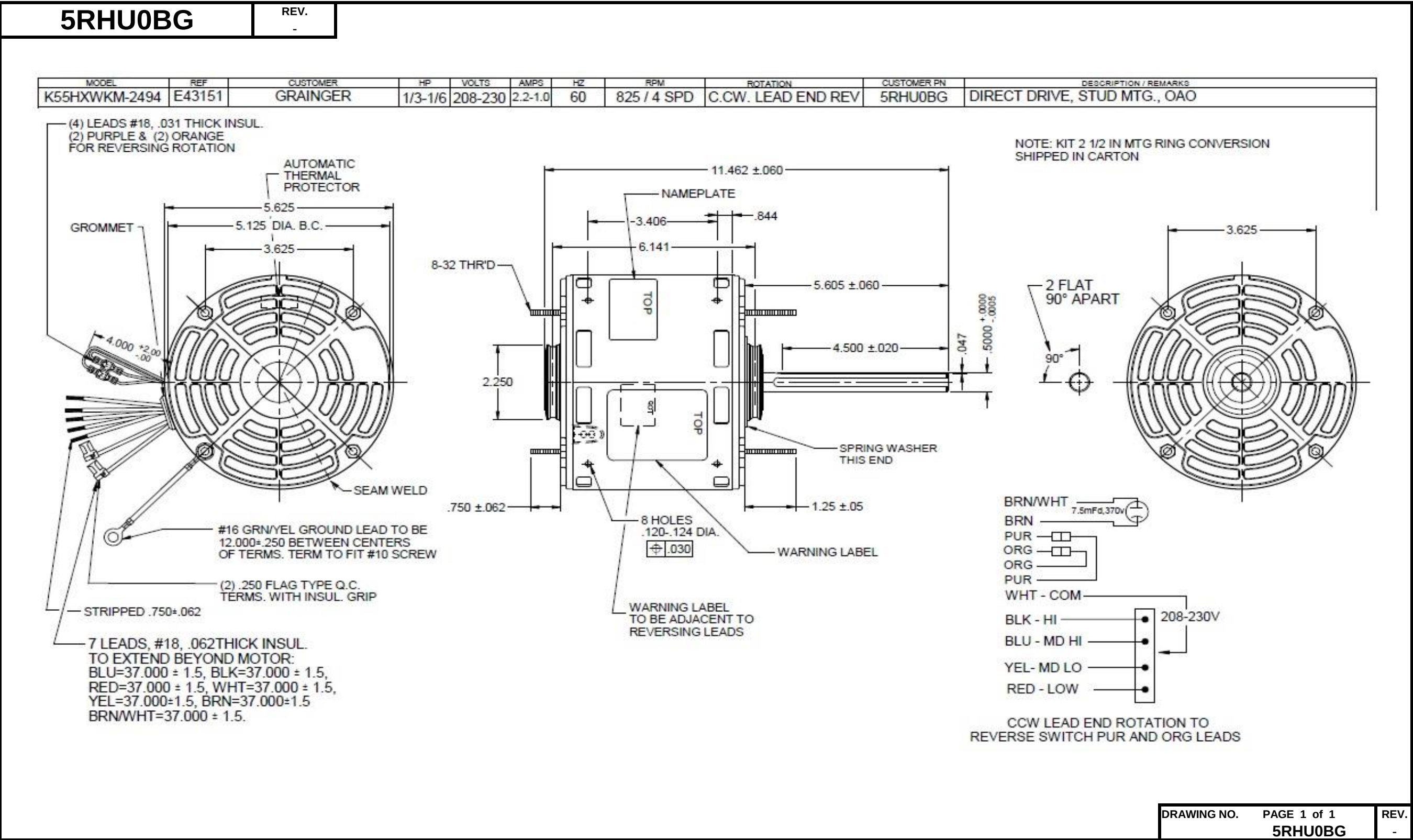


Dimensional Drawing



Performance Data



5RHU0BG

REV.
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MOTOR PERFORMANCE

HP:	1/3-1/6 HP	1/3HP		1/4HP		1/5HP		1/6HP	
Poles:	8P								
No. of Speeds:	4	HIGH		HIGH		LOW		LOW	
Volts:	208-230v	208	230	208	230	208	230	208	230
HZ:		60	60	60	60	60	60	60	60
Service Factor:									
Efficiency:	@ Rated Load								
Power Factor:	@ Rated Load								
Amps:	@ No Load								
	@ Rated Load	2.281	2.142	1.7	1.6	1.4	1.2	1.1	1
	@ Service Factor	2.281	2.142	1.7	1.6	1.4	1.2	1.1	1
	@ Locked Rotor	4.73	5.25	3.66	4.1	2.9	3.2	2.5	2.8
RPM:	@ Rated Load	824	845	828	850	822	848	829	849
Ambient (°C):	60								
Torques:	Breakdown	42.1	51.7	32.9	40.4	26.2	32	22.7	27.5
	Locked Rotor	7.06	9.48	5.96	7.09	4.14	4.94	3.39	4.23
	Pull-Up	7.06	9.48	5.71	6.4	3.9	4.9	3.3	4.3
	Rated Load	34.75	34.75	25.6	24.7	21.2	19.8	16.9	16.5
	Service Factor	34.75	34.75	25.6	24.7	21.2	19.8	16.9	16.5
Watts:	Rated Load	420	424.6	306	309	253	246	200	204
KVA Code:									
Temperature Rise:	@ Rated Load								
	@ Service Factor								
Thermal Protector:	Trip Temp (°C)								
Winding Material:	Start (Auxiliary)	Cu							
	Run (Main)	Cu							
Capacitor(s):	Start (MFD / Volts)	N/A							
	No. of Start Capacitors								
	Run (MFD / Volts)	7.5 mFd, 370v							
	No. of Run Capacitors								

PERFORMANCE DATA:

HP:									
Poles:									
Volts:									
HZ:									
Efficiency:	@ Rated Load								
Power Factor:	@ Rated Load								
Amps:	@ No Load								
	@ Rated Load								
	@ Service Factor								
	@ Locked Rotor								
Torques:	@ Rated Load								
	Locked Rotor								
	Pull-Up								
	Rated Load								
	Service Factor								
Watts:	@ Rated Load								
Temperature Rise:	@ Rated Load								
	@ Service Factor								

DRAWING NO. PAGE 1 of 1
5RHU0BG

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

Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
 Motor ID:
 Poles: 8
 Volts: 208-230
 Frequency: 60
 HP: 1/3
 Speed: 825
 Phase: 1
 Protector: 7AM036-A5

Test Conditions

Test Type: Start
 Test Number: 1
 Poles: 8
 Volts: 208
 Hz: 60
 Rotation: CCW
 Special Cond:
 Speed Conn: M1
 TestBoard: CMD InLine Three Phase #1 Fixture #1
 Run Cap: 7.5
 Start Cap: 0µfd
 Environment: 22.8 Deg C 48 % RH 962 hPa
 Tested: 7/1/2016 6:04:23 PM
 Tested By: Navarro, Susana
 Gear Ratio: 1:1
 Bearing Friction: -0.60 Oz-Ft
 Windage Torque: -2.04 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
PUT OZ-FT	208.0	53.5	237.4	4.772	772.9	18	9.39	0.002	0.2	77.9
	208.0	53.4	236.3	4.739	766.7	44	8.97	0.005	0.5	77.8
	208.0	55.7	234.1	4.739	768.4	97	10.45	0.012	1.2	78.0
	208.0	59.3	230.8	4.702	765.5	174	12.05	0.025	2.4	78.3
	208.0	63.6	227.7	4.655	762.4	243	14.89	0.043	4.2	78.7
	208.0	69.2	224.7	4.595	757.9	309	17.86	0.066	6.5	79.3
	208.0	76.5	222.8	4.522	752.9	371	20.43	0.090	8.9	80.0
	208.0	84.4	221.9	4.433	745.8	428	23.32	0.119	11.9	80.9
	208.0	93.0	221.8	4.323	736.2	480	27.04	0.155	15.7	81.9
	208.0	102.2	222.4	4.203	724.3	529	29.98	0.189	19.4	82.9
	208.0	112.8	224.4	4.057	708.5	574	33.22	0.227	23.9	84.0
	208.0	125.2	228.1	3.877	686.9	618	36.23	0.267	29.0	85.2
	208.0	136.3	232.7	3.714	665.3	653	38.00	0.295	33.1	86.1
	208.0	148.7	239.1	3.523	638.1	686	39.29	0.321	37.5	87.1
	208.0	161.8	247.3	3.311	606.3	716	40.30	0.344	42.3	88.0
	208.0	175.9	257.8	3.073	567.4	745	40.06	0.355	46.7	88.8
	208.0	189.6	269.3	2.830	525.5	769	38.90	0.356	50.6	89.3
	208.0	203.1	282.0	2.580	480.1	792	36.82	0.347	53.9	89.5
	208.0	215.4	294.6	2.342	434.2	811	33.60	0.324	55.7	89.1
	208.0	225.6	305.8	2.136	393.8	824	30.74	0.302	57.2	88.6
	208.0	236.7	318.8	1.913	345.9	842	25.30	0.254	54.7	86.9
	208.0	246.3	330.8	1.718	301.3	855	20.25	0.206	51.0	84.3
	208.0	253.9	341.0	1.561	262.4	866	15.51	0.160	45.4	80.8
	208.0	260.8	350.3	1.443	229.9	873	11.07	0.115	37.4	76.6
	208.0	265.4	357.0	1.361	202.9	881	7.19	0.075	27.7	71.7
	208.0	269.8	363.3	1.299	179.1	887	3.71	0.039	16.3	66.3
	208.0	273.0	368.3	1.260	158.9	891	0.40	0.004	2.0	60.6
	208.0	273.7	369.2	1.253	155.7	892	0.00	0.000	0.0	59.7

DRAWING NO. PAGE 1 of 32 REV.
 5RHU0BG -

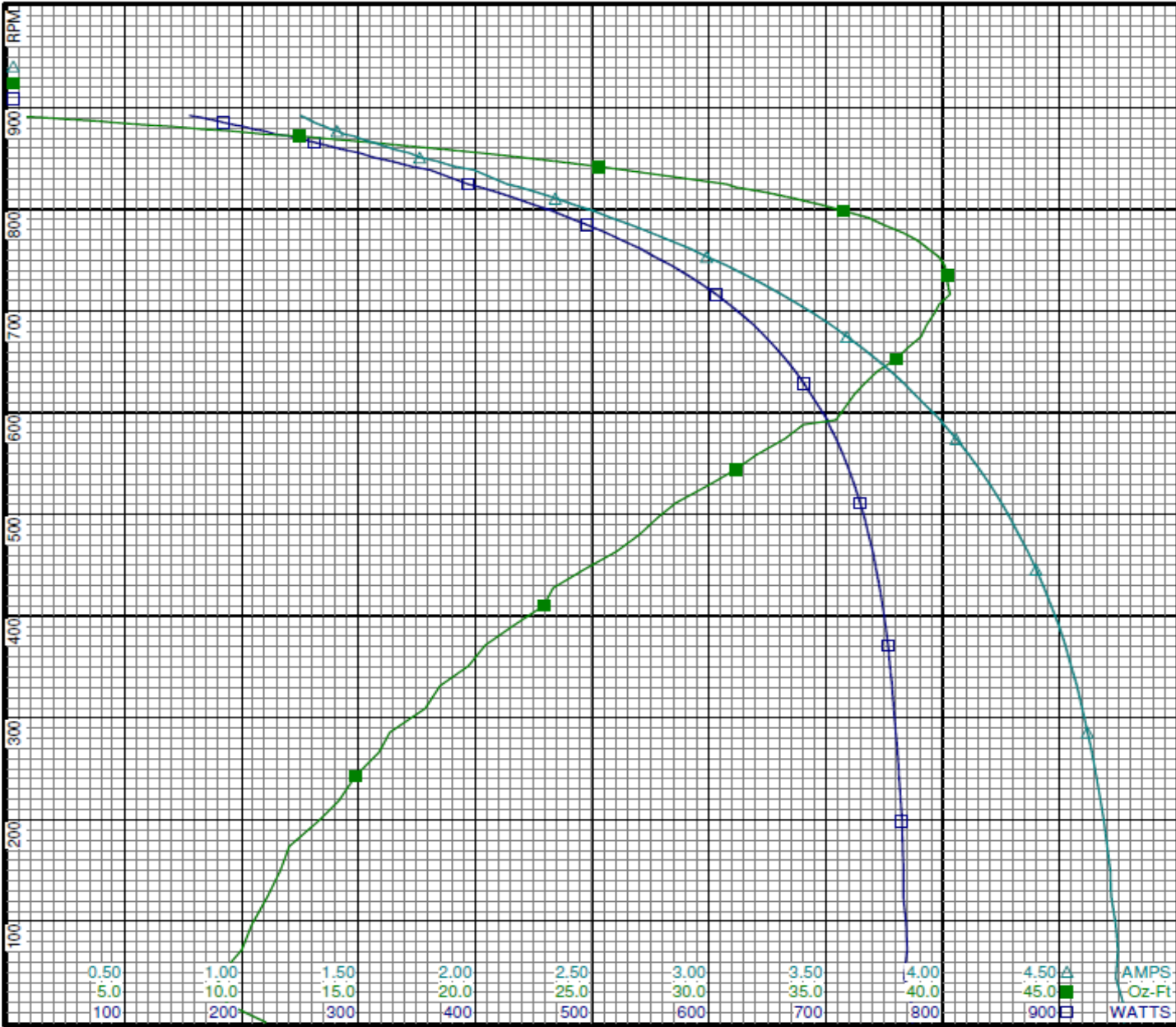
Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

Performance Data



5RHU0BG

REV.
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Curve Descriptions:

Motor(1) Test 1 Start 208V 60 Hz 8P
M1 CCW 7.5ufd Run

□ SPEED vs WATTS
■ SPEED vs TORQUE
△ SPEED vs ILine

Motor Ratings:

(1) K055WKM2494 5RHU0BG

Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
 Motor ID:
 Poles: 8
 Volts: 208-230
 Frequency: 60
 HP: 1/3
 Speed: 825
 Phase: 1
 Protector: 7AM036-A5

Test Conditions

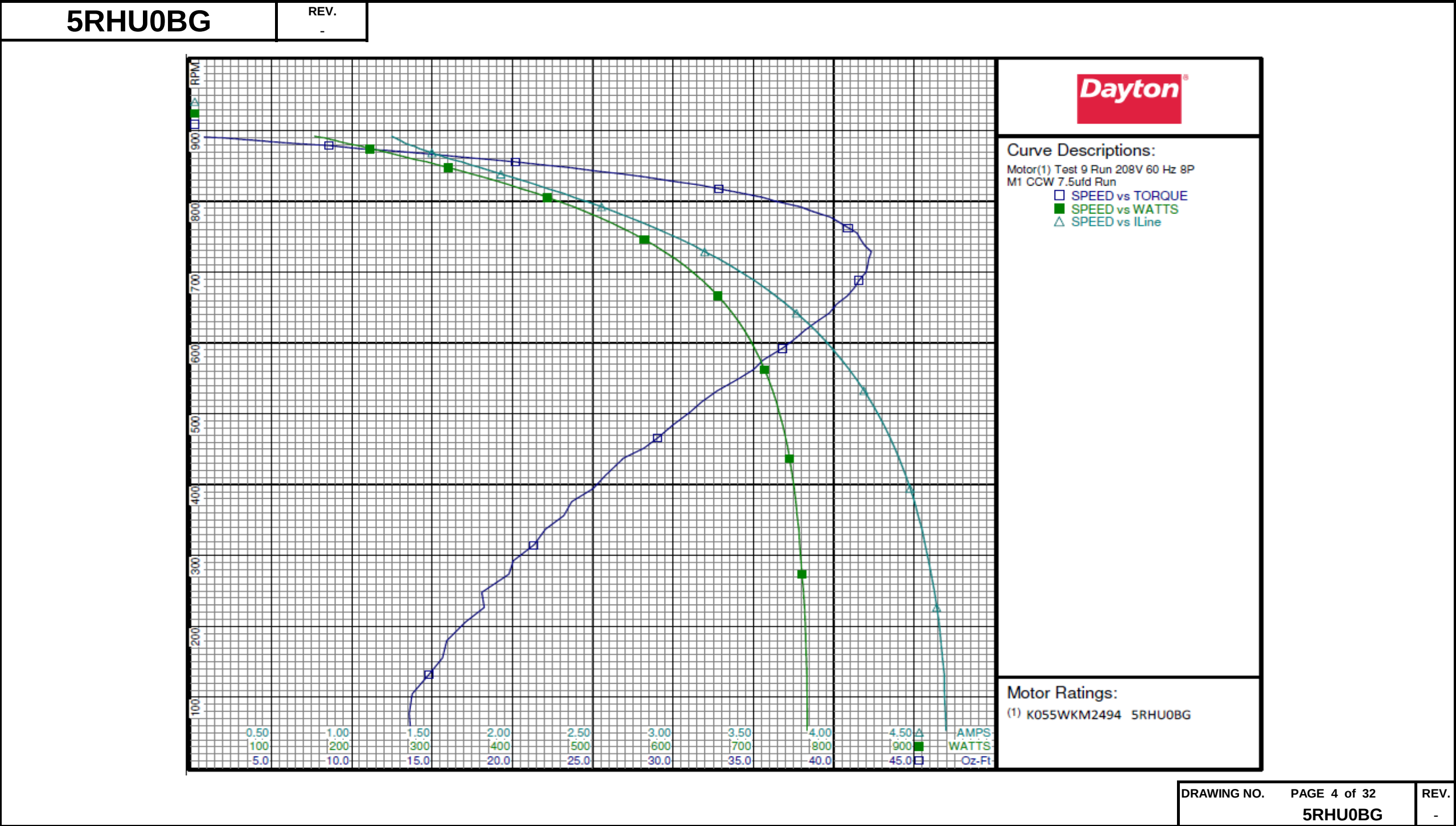
Test Type: Run
 Test Number: 9
 Poles: 8
 Volts: 208
 Hz: 60
 Rotation: CCW
 Special Cond:
 Speed Conn: M1
 TestBoard: CMD InLine Three Phase #1
 Run Cap: 7.5
 Start Cap: 0µfd
 Environment: 22.8 Deg C 48 % RH 962 hPa
 Tested: 7/1/2016 6:06:32 PM
 Tested By: Navarro, Susana
 Gear Ratio: 1:1
 Bearing Friction: -0.68 Oz-Ft
 Windage Torque: -2.15 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	208.0	274.3	369.6	1.250	153.9	892	0.00	0.000	0.0	59.2
	208.0	273.5	368.5	1.256	157.7	891	0.64	0.007	3.2	60.3
	208.0	270.3	363.8	1.294	175.9	886	3.59	0.038	16.1	65.3
	208.0	268.8	361.6	1.315	184.9	884	4.95	0.052	21.0	67.6
	208.0	265.2	356.0	1.372	207.2	878	8.58	0.090	32.3	72.6
	208.0	262.3	352.1	1.422	223.2	874	10.56	0.110	36.7	75.5
	208.0	257.9	346.1	1.501	246.3	868	13.99	0.145	43.8	78.9
	208.0	253.6	340.3	1.581	267.8	862	16.98	0.174	48.5	81.5
	208.0	248.3	333.2	1.685	293.7	855	20.17	0.205	52.2	83.8
	208.0	242.6	325.9	1.798	320.3	847	23.55	0.238	55.3	85.6
	208.0	236.1	318.0	1.929	349.7	838	26.87	0.268	57.2	87.2
	208.0	228.6	309.0	2.080	381.9	828	30.00	0.296	57.8	88.2
	208.0	221.4	301.0	2.223	411.5	817	32.89	0.320	58.0	89.0
34.75 OZ-FT	208.0	215.6	294.6	2.340	434.5	809	34.75	0.335	57.5	89.3
	208.0	213.4	292.2	2.382	443.0	805	35.56	0.341	57.4	89.4
	208.0	204.6	283.0	2.555	476.1	792	37.89	0.357	56.0	89.6
	208.0	195.5	274.2	2.724	507.6	777	39.80	0.368	54.1	89.6
	208.0	186.9	266.5	2.882	535.5	763	40.88	0.371	51.7	89.3
41.58 OZ-FT	208.0	179.2	260.0	3.019	559.1	749	41.58	0.371	49.5	89.1
	208.0	177.5	258.5	3.049	564.3	746	41.66	0.370	48.9	89.0
BDT OZ-FT	208.0	168.9	251.9	3.197	588.9	729	42.32	0.367	46.5	88.6
	208.0	168.9	251.9	3.197	588.9	729	42.32	0.367	46.5	88.6
	208.0	159.4	245.1	3.356	614.1	709	42.09	0.355	43.2	88.0
	208.0	150.4	239.6	3.502	635.9	688	41.56	0.341	40.0	87.3
	208.0	141.7	234.8	3.636	655.4	667	40.85	0.324	36.9	86.7
	208.0	133.1	230.7	3.768	673.6	642	39.71	0.303	33.6	85.9
	208.0	125.2	227.6	3.886	688.8	617	38.16	0.280	30.4	85.2
	208.0	118.0	225.4	3.987	701.2	592	36.79	0.259	27.6	84.6
	208.0	110.1	223.4	4.095	713.7	562	35.01	0.234	24.5	83.8
	208.0	103.3	222.3	4.187	723.7	532	32.76	0.208	21.4	83.1
	208.0	97.0	221.7	4.267	731.7	502	31.05	0.186	18.9	82.5
	208.0	90.8	221.6	4.348	739.8	466	29.06	0.161	16.3	81.8
	208.0	86.0	221.7	4.405	744.7	437	26.92	0.140	14.0	81.3
	208.0	79.9	222.3	4.475	750.6	394	25.03	0.118	11.7	80.7
	208.0	74.9	223.3	4.523	754.1	356	23.20	0.098	9.7	80.2
	208.0	70.2	224.6	4.567	757.2	315	21.34	0.080	7.9	79.7
	208.0	66.3	226.3	4.604	760.2	273	19.77	0.064	6.3	79.4
	208.0	62.9	228.5	4.639	763.2	226	18.25	0.049	4.8	79.1
	208.0	60.0	230.6	4.664	764.8	180	15.91	0.034	3.3	78.8
	208.0	57.6	232.3	4.685	766.2	132	14.83	0.023	2.3	78.6
	208.0	55.2	235.4	4.693	766.8	77	13.58	0.012	1.2	78.6

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 5RHU0BG -

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

Performance Data



Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
 Motor ID:
 Poles: 8
 Volts: 208-230
 Frequency: 60
 HP: 1/3
 Speed: 825
 Phase: 1
 Protector: 7AM036-A5

Test Conditions

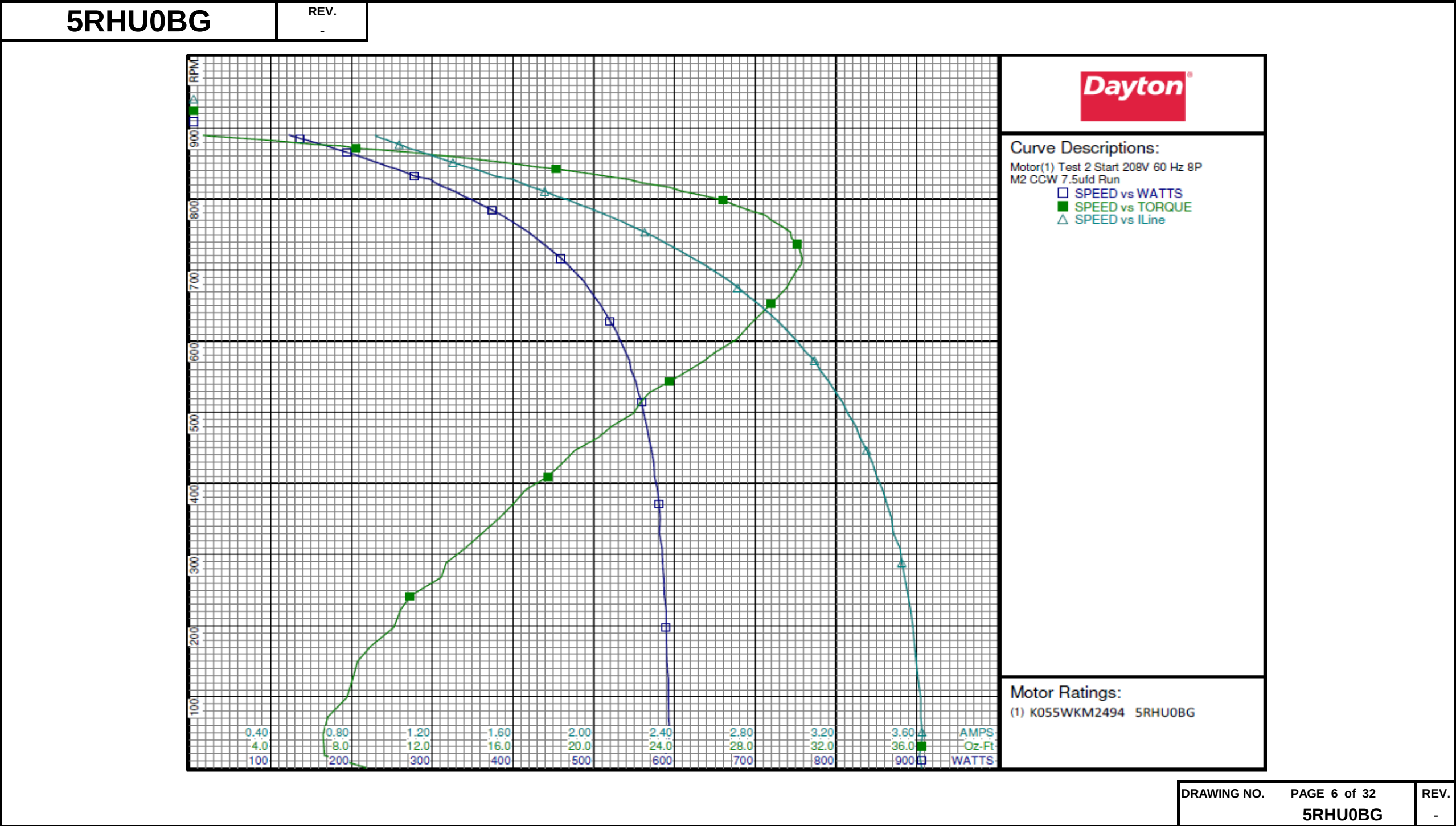
Test Type: Start
 Test Number: 2
 Poles: 8
 Volts: 208
 Hz: 60
 Rotation: CCW
 Special Cond:
 Speed Conn: M2
 TestBoard: CMD InLine Three Phase #1
 Run Cap: 7.5
 Start Cap: 0µfd
 Environment: 23.1 Deg C 63 % RH 966 hPa
 Tested: 7/2/2016 8:35:52 AM
 Tested By: Bribiesca, Griselda
 Gear Ratio: 1:1
 Bearing Friction: -1.05 Oz-Ft
 Windage Torque: -2.55 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
PUT OZ-FT	208.0	46.5	204.4	3.612	588.6	17	6.67	0.001	0.2	78.3
	208.0	47.6	204.6	3.628	594.3	46	6.59	0.004	0.5	78.8
	208.0	48.1	203.0	3.618	592.4	72	6.83	0.006	0.7	78.7
	208.0	50.6	200.5	3.606	592.2	124	8.06	0.012	1.5	79.0
	208.0	52.6	198.9	3.588	589.9	171	8.96	0.018	2.3	79.0
	208.0	55.7	196.8	3.568	589.3	222	10.43	0.028	3.5	79.4
	208.0	58.7	194.9	3.539	586.4	268	12.45	0.040	5.1	79.7
	208.0	62.0	193.2	3.516	584.4	308	13.62	0.050	6.4	79.9
	208.0	66.2	191.9	3.474	582.1	351	15.32	0.064	8.2	80.5
	208.0	70.8	191.0	3.430	578.8	391	16.62	0.077	10.0	81.1
	208.0	75.6	190.3	3.381	574.5	428	18.43	0.094	12.2	81.7
	208.0	80.6	190.2	3.317	567.9	464	20.21	0.112	14.7	82.3
	208.0	86.4	190.3	3.256	561.7	498	21.96	0.130	17.3	82.9
	208.0	91.4	190.8	3.198	555.0	528	22.77	0.143	19.2	83.4
	208.0	97.8	191.9	3.119	546.1	559	24.73	0.165	22.5	84.2
	208.0	103.4	193.2	3.051	539.5	584	25.98	0.181	25.0	85.0
	208.0	111.4	195.9	2.953	526.6	616	27.50	0.202	28.6	85.7
	208.0	118.3	198.9	2.863	513.9	640	28.34	0.216	31.4	86.3
	208.0	125.5	202.3	2.761	499.7	664	29.17	0.231	34.4	87.0
	208.0	132.7	206.4	2.669	486.9	685	29.74	0.243	37.2	87.7
	208.0	141.2	211.8	2.546	467.8	708	30.26	0.255	40.7	88.3
	208.0	148.9	217.3	2.428	448.4	727	30.21	0.261	43.5	88.8
	208.0	156.5	223.4	2.314	429.0	744	29.79	0.264	45.9	89.1
	208.0	164.6	230.4	2.186	407.5	762	29.29	0.266	48.6	89.6
	208.0	172.7	237.8	2.065	386.2	777	28.50	0.264	50.9	89.9
	208.0	180.4	245.4	1.930	360.8	792	26.92	0.254	52.5	89.9
	208.0	187.5	252.8	1.812	338.2	804	25.53	0.244	53.9	89.7
	208.0	195.0	261.1	1.692	314.5	817	23.70	0.230	54.7	89.4
	208.0	200.3	265.8	1.598	297.8	827	21.72	0.214	53.6	89.6
	208.0	208.8	277.3	1.455	265.6	838	19.23	0.192	53.9	87.8
	208.0	213.7	283.3	1.367	246.0	845	17.09	0.172	52.1	86.5
	208.0	219.6	290.8	1.262	222.5	855	14.44	0.147	49.3	84.7
	208.0	224.0	296.6	1.189	204.5	862	11.96	0.123	44.8	82.7
	208.0	228.8	302.8	1.114	184.3	869	9.49	0.098	39.7	79.5
	208.0	232.0	307.2	1.059	170.5	874	7.56	0.079	34.4	77.4
	208.0	235.6	312.1	1.012	155.0	879	5.09	0.053	25.6	73.7
	208.0	237.8	315.3	0.972	142.7	883	3.46	0.036	19.0	70.6
	208.0	240.5	319.0	0.935	131.8	887	1.72	0.018	10.3	67.8
	208.0	242.6	321.9	0.920	122.7	890	0.39	0.004	2.5	64.1

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 5RHU0BG -

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

Performance Data



Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
Motor ID:
Poles: 8
Volts: 208-230
Frequency: 60
HP: 1/3
Speed: 825
Phase: 1
Protector: 7AM036-A5

Test Conditions

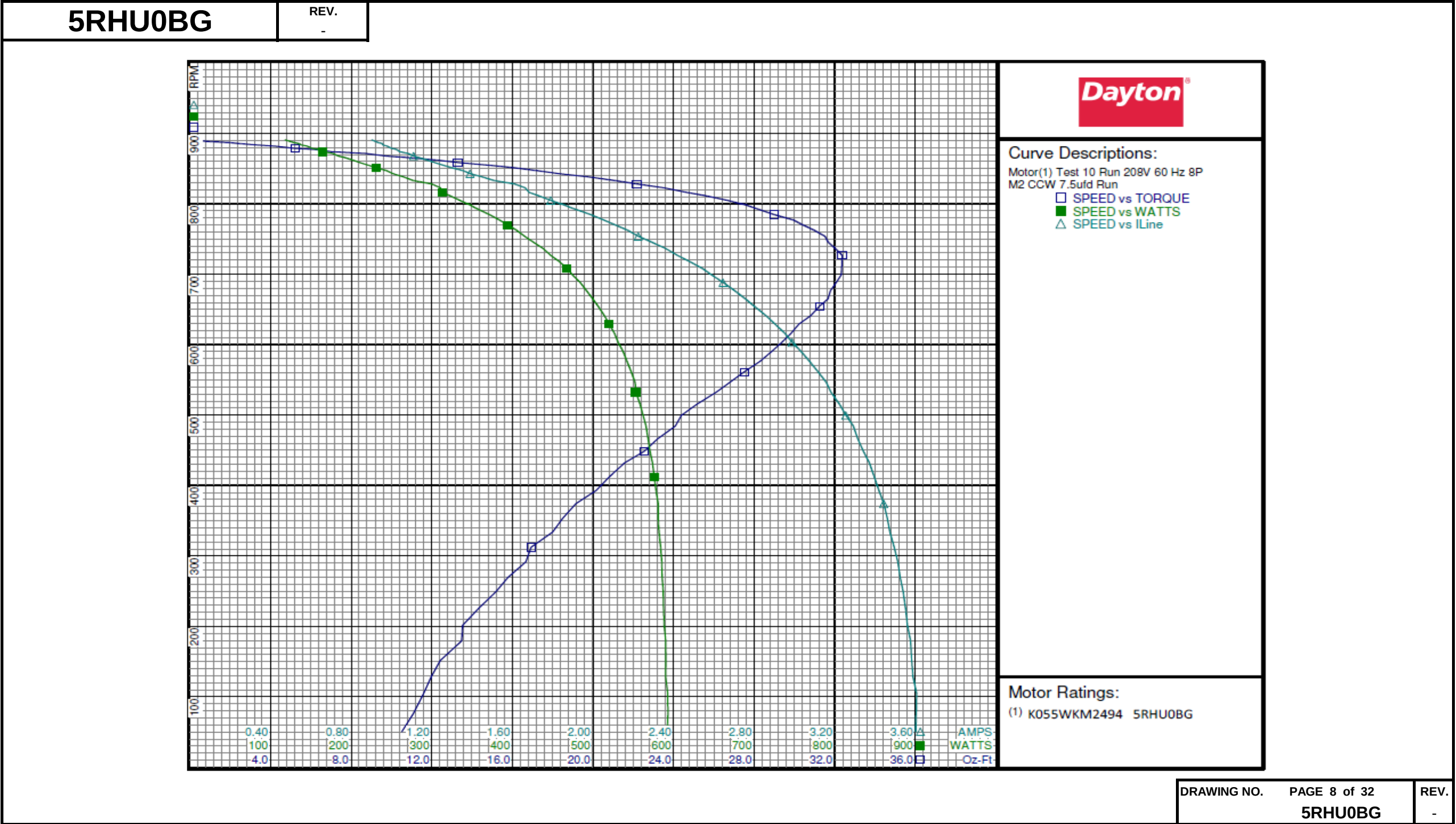
Test Type: Run
Test Number: 10
Poles: 8
Volts: 208
Hz: 60
Rotation: CCW
Special Cond:
Speed Conn: M2
TestBoard: CMD InLine Three Phase #1
Run Cap: 7.5
Start Cap: 0µfd
Environment: 23.1 Deg C 63 % RH 966 hPa
Tested: 7/2/2016 8:37:22 AM
Tested By: Bribiesca, Griselda
Gear Ratio: 1:1
Bearing Friction: -0.99 Oz-Ft
Windage Torque: -2.60 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	208.0	242.8	322.1	0.902	118.1	890	0.00	0.000	0.0	63.0
	208.0	241.3	319.9	0.920	124.6	888	0.88	0.009	5.6	65.1
	208.0	238.9	316.6	0.956	135.6	885	2.51	0.026	14.5	68.2
	208.0	237.0	313.6	0.979	145.7	882	4.23	0.044	22.7	71.5
	208.0	234.0	309.3	1.025	160.5	877	6.18	0.065	30.0	75.3
	208.0	230.6	304.5	1.083	177.5	871	8.73	0.091	38.1	78.8
	208.0	226.8	299.5	1.136	192.2	865	10.79	0.111	43.2	81.3
	208.0	222.6	294.0	1.214	210.6	858	13.30	0.136	48.1	83.4
	208.0	217.4	287.2	1.299	231.2	851	16.07	0.163	52.5	85.5
	208.0	212.2	280.7	1.391	251.8	843	18.29	0.183	54.4	87.0
	208.0	205.9	272.9	1.510	277.1	833	21.10	0.209	56.3	88.2
	208.0	197.2	261.7	1.663	310.8	823	23.51	0.230	55.3	89.9
	208.0	193.8	258.8	1.729	322.2	811	25.56	0.247	57.1	89.6
25.57 OZ-FT	208.0	193.8	258.7	1.730	322.3	811	25.57	0.247	57.1	89.6
	208.0	185.9	250.6	1.857	347.3	798	27.57	0.262	56.3	89.9
	208.0	178.2	242.8	1.987	371.3	785	28.98	0.271	54.4	89.8
	208.0	170.8	235.6	2.109	394.2	770	30.40	0.279	52.7	89.8
31 OZ-FT	208.0	166.9	232.1	2.174	405.6	762	31.00	0.281	51.7	89.7
	208.0	162.8	228.4	2.226	415.2	754	31.52	0.283	50.8	89.7
	208.0	154.7	221.6	2.360	438.0	736	32.02	0.281	47.8	89.2
BDT OZ-FT	208.0	150.3	218.1	2.419	447.4	727	32.36	0.280	46.7	88.9
	208.0	146.7	215.5	2.475	457.5	718	32.35	0.277	45.1	88.8
	208.0	139.2	210.2	2.588	474.6	699	32.32	0.269	42.3	88.2
	208.0	130.7	205.1	2.703	491.8	676	31.78	0.256	38.8	87.5
	208.0	123.6	201.2	2.799	506.0	655	31.24	0.243	35.9	86.9
	208.0	115.8	197.6	2.903	519.9	629	30.22	0.226	32.5	86.1
	208.0	108.9	195.0	2.989	531.3	603	29.36	0.211	29.6	85.5
	208.0	102.3	192.8	3.074	542.1	576	28.28	0.194	26.7	84.8
	208.0	95.7	191.4	3.157	552.3	546	26.79	0.174	23.5	84.1
	208.0	89.5	190.6	3.224	558.4	515	25.14	0.154	20.6	83.3
	208.0	84.3	190.1	3.292	565.8	484	24.08	0.139	18.3	82.6
	208.0	78.7	190.2	3.342	570.5	448	22.55	0.120	15.7	82.1
	208.0	73.7	190.7	3.396	575.9	412	20.80	0.102	13.2	81.5
	208.0	69.5	191.3	3.443	580.9	374	19.15	0.085	10.9	81.1
	208.0	65.2	192.3	3.473	581.9	334	17.99	0.071	9.2	80.5
	208.0	61.2	193.7	3.513	585.3	291	16.67	0.058	7.4	80.1
	208.0	58.0	195.4	3.539	587.1	249	15.18	0.045	5.7	79.7
	208.0	54.9	197.3	3.560	588.2	201	13.53	0.032	4.1	79.4
	208.0	52.1	199.4	3.581	590.3	151	12.42	0.022	2.8	79.3
	208.0	50.3	201.0	3.605	592.6	105	11.60	0.014	1.8	79.0
	208.0	48.0	203.8	3.602	592.1	50	10.52	0.006	0.8	79.0

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5RHU0BG -

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

Performance Data



Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
 Motor ID:
 Poles: 8
 Volts: 208-230
 Frequency: 60
 HP: 1/3
 Speed: 825
 Phase: 1
 Protector: 7AM036-A5

Test Conditions

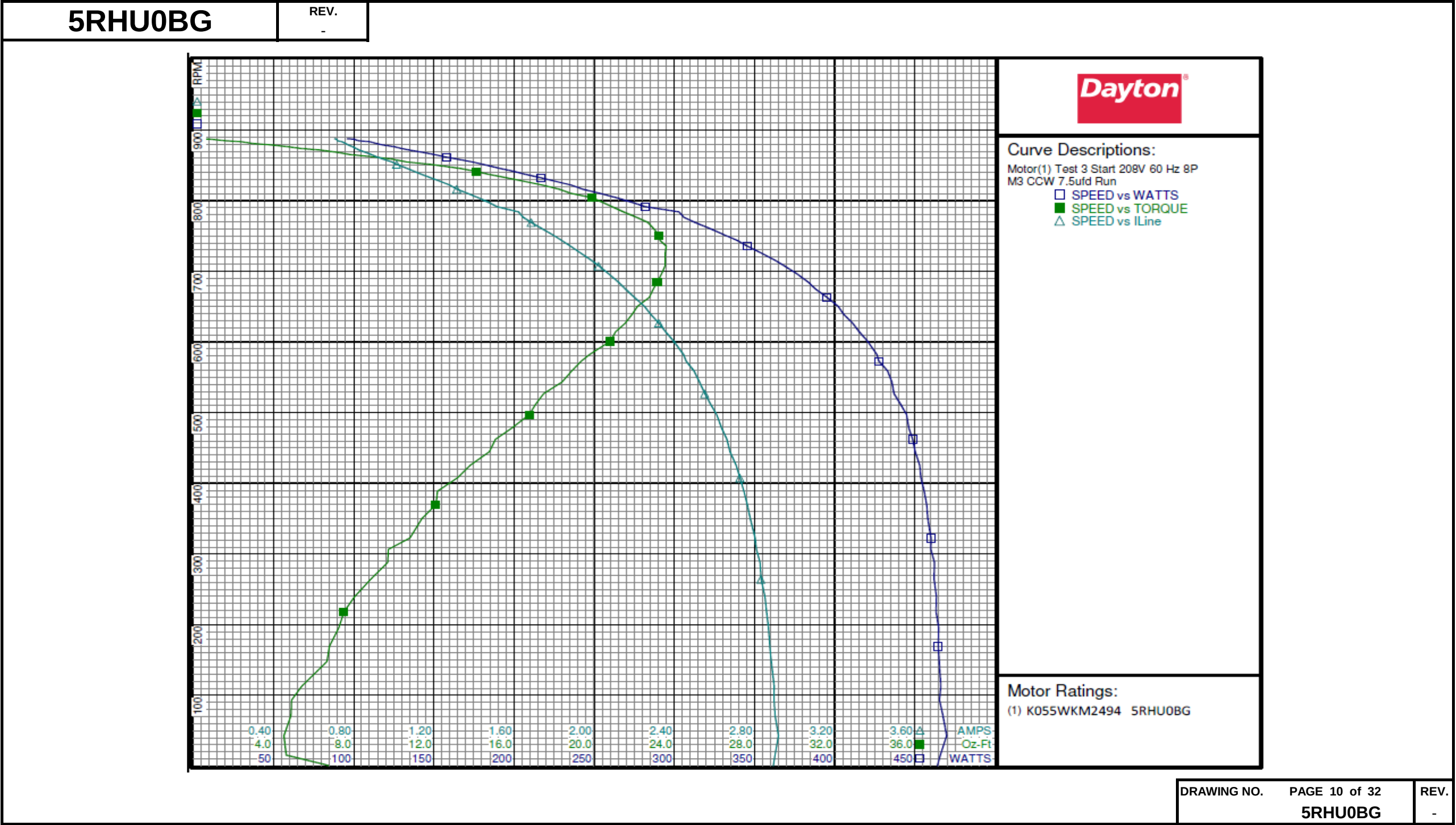
Test Type: Start
 Test Number: 3
 Poles: 8
 Volts: 208
 Hz: 60
 Rotation: CCW
 Special Cond:
 Speed Conn: M3
 TestBoard: CMD InLine Three Phase #1
 Run Cap: 7.5
 Start Cap: 0µfd
 Environment: 23.1 Deg C 63 % RH 966 hPa
 Tested: 7/2/2016 8:47:13 AM
 Tested By: Bribiesca, Griselda
 Gear Ratio: 1:1
 Bearing Friction: -1.05 Oz-Ft
 Windage Torque: -2.57 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
PUT OZ-FT	208.0	40.1	180.2	2.901	465.7	15	4.64	0.001	0.1	77.2
	208.0	41.7	178.4	2.918	469.7	43	4.52	0.002	0.4	77.4
	208.0	42.0	177.7	2.902	467.4	71	4.87	0.004	0.7	77.4
	208.0	43.4	175.7	2.897	466.0	113	5.40	0.007	1.2	77.3
	208.0	45.7	173.6	2.875	464.5	169	6.79	0.014	2.2	77.7
	208.0	48.1	171.7	2.859	463.0	218	7.52	0.020	3.2	77.9
	208.0	50.9	169.9	2.832	461.9	264	8.84	0.028	4.5	78.4
	208.0	54.0	168.2	2.808	459.8	306	9.73	0.035	5.8	78.7
	208.0	57.7	166.7	2.777	457.9	350	11.41	0.048	7.7	79.3
	208.0	62.0	166.0	2.746	455.7	389	12.18	0.056	9.2	79.8
	208.0	66.0	165.2	2.707	452.8	425	13.81	0.070	11.5	80.4
	208.0	70.6	164.9	2.661	448.5	462	15.07	0.083	13.8	81.0
	208.0	75.7	165.0	2.610	444.7	497	16.75	0.099	16.6	81.9
	208.0	80.5	165.3	2.552	437.0	527	17.48	0.110	18.7	82.3
	208.0	86.5	166.4	2.497	432.9	559	18.89	0.126	21.7	83.3
	208.0	90.7	167.4	2.446	426.2	582	19.76	0.137	24.0	83.8
	208.0	97.9	169.7	2.356	415.2	614	21.06	0.154	27.7	84.7
	208.0	104.2	172.3	2.281	405.4	639	21.89	0.167	30.6	85.4
	208.0	110.9	175.4	2.201	395.1	663	22.74	0.179	33.9	86.3
	208.0	117.4	179.1	2.121	383.3	684	23.14	0.189	36.7	86.9
	208.0	124.7	184.0	2.022	368.4	707	23.53	0.198	40.1	87.6
	208.0	131.3	188.8	1.932	354.1	726	23.54	0.203	42.8	88.1
	208.0	138.1	194.2	1.837	339.1	743	23.28	0.206	45.3	88.7
	208.0	145.3	200.6	1.736	321.8	761	22.95	0.208	48.2	89.1
	208.0	151.1	206.1	1.646	305.9	776	22.11	0.204	49.8	89.3
	208.0	159.8	214.5	1.515	281.9	791	20.88	0.197	52.0	89.4
	208.0	166.2	221.3	1.420	263.7	804	19.89	0.190	53.8	89.3
	208.0	172.7	228.4	1.315	242.9	816	18.26	0.177	54.5	88.8
	208.0	178.0	234.7	1.233	226.3	827	16.55	0.163	53.7	88.2
	208.0	183.6	241.5	1.135	206.5	837	14.68	0.146	52.9	87.4
	208.0	188.1	247.2	1.067	191.3	845	13.33	0.134	52.3	86.2
	208.0	193.4	253.9	0.991	174.1	855	10.65	0.108	46.4	84.4
	208.0	197.4	258.9	0.918	157.8	861	9.10	0.093	44.1	82.6
	208.0	201.3	264.1	0.858	143.0	868	7.19	0.074	38.7	80.1
	208.0	204.5	268.5	0.811	129.7	874	5.36	0.056	32.1	76.9
	208.0	207.1	272.3	0.772	117.9	879	3.84	0.040	25.4	73.4
	208.0	209.8	275.8	0.742	110.0	883	2.39	0.025	17.0	71.3
	208.0	211.8	278.7	0.714	100.0	887	0.82	0.009	6.4	67.3
	208.0	213.1	281.3	0.705	95.9	887	0.21	0.002	1.7	65.5

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 5RHU0BG -

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

Performance Data



Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
Motor ID:
Poles: 8
Volts: 208-230
Frequency: 60
HP: 1/3
Speed: 825
Phase: 1
Protector: 7AM036-A5

Test Conditions

Test Type: Run
Test Number: 11
Poles: 8
Volts: 208
Hz: 60
Rotation: CCW
Special Cond:
Speed Conn: M3
TestBoard: CMD InLine Three Phase #1
Run Cap: 7.5
Start Cap: 0µfd
Environment: 23.1 Deg C 63 % RH 966 hPa
Tested: 7/2/2016 8:58:24 AM
Tested By: Navarro, Susana
Gear Ratio: 1:1
Bearing Friction: -1.08 Oz-Ft
Windage Torque: -2.80 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	208.0	213.4	281.4	0.703	93.2	889	0.00	0.000	0.0	63.7
	208.0	212.1	279.5	0.719	99.2	887	1.04	0.011	8.3	66.3
	208.0	210.7	277.4	0.734	105.1	884	1.96	0.021	14.6	68.9
	208.0	207.6	272.9	0.779	119.1	879	3.57	0.037	23.4	73.5
	208.0	206.1	270.7	0.805	127.3	874	5.08	0.053	31.0	76.0
	208.0	202.3	265.8	0.858	140.8	868	6.93	0.072	37.9	78.9
	208.0	198.3	260.4	0.918	156.4	862	9.35	0.096	45.7	81.9
	208.0	193.3	253.9	0.998	175.1	854	10.88	0.111	47.1	84.4
	208.0	189.3	248.7	1.062	190.0	847	13.14	0.132	52.0	86.0
	208.0	184.9	243.3	1.133	205.4	839	14.97	0.150	54.3	87.2
	208.0	178.6	235.5	1.236	227.1	828	17.15	0.169	55.5	88.3
	208.0	172.8	228.8	1.330	246.0	817	19.07	0.185	56.2	88.9
	208.0	166.3	221.5	1.434	266.3	804	20.67	0.198	55.4	89.3
21.2 OZ-FT	208.0	163.1	218.0	1.486	276.2	798	21.20	0.201	54.4	89.4
	208.0	159.7	214.3	1.538	286.0	791	22.20	0.209	54.5	89.4
	208.0	153.5	208.2	1.631	303.1	778	23.35	0.216	53.2	89.3
	208.0	146.2	201.0	1.743	323.1	761	24.16	0.219	50.6	89.1
24.59 OZ-FT	208.0	142.1	197.4	1.803	333.3	752	24.59	0.220	49.3	88.9
	208.0	139.2	194.9	1.844	340.2	745	24.80	0.220	48.2	88.7
	208.0	132.0	189.0	1.944	356.6	727	25.25	0.219	45.7	88.2
	208.0	124.9	183.9	2.040	371.6	708	25.27	0.213	42.7	87.6
BDT OZ-FT	208.0	121.3	181.3	2.088	379.1	697	25.28	0.210	41.3	87.3
	208.0	117.9	179.1	2.134	385.9	687	25.21	0.206	39.8	87.0
	208.0	111.1	175.3	2.220	398.1	665	24.70	0.195	36.6	86.2
	208.0	104.3	172.0	2.303	409.3	641	24.10	0.184	33.5	85.4
	208.0	97.8	169.4	2.380	418.9	616	23.34	0.171	30.5	84.6
	208.0	92.3	167.5	2.444	426.9	591	22.78	0.160	28.0	84.0
	208.0	86.3	166.1	2.513	434.8	561	21.61	0.144	24.8	83.2
	208.0	81.0	165.2	2.571	440.8	532	20.40	0.129	21.9	82.4
	208.0	76.2	164.9	2.621	445.9	500	19.35	0.115	19.3	81.8
	208.0	70.5	164.7	2.679	451.1	465	17.66	0.098	16.2	80.9
	208.0	66.1	165.0	2.723	455.1	430	16.73	0.086	14.0	80.3
	208.0	62.0	165.6	2.760	457.9	395	15.77	0.074	12.1	79.8
	208.0	58.1	166.6	2.793	460.2	353	14.26	0.060	9.7	79.2
	208.0	54.4	167.8	2.823	462.3	312	13.12	0.049	7.9	78.7
	208.0	51.0	169.6	2.850	464.1	270	12.26	0.039	6.3	78.3
	208.0	48.2	171.4	2.872	465.6	223	11.12	0.030	4.7	77.9
	208.0	46.0	173.0	2.890	467.2	176	10.39	0.022	3.5	77.7
	208.0	44.1	174.8	2.906	468.3	126	9.27	0.014	2.2	77.5
	208.0	42.2	177.1	2.912	468.7	75	8.95	0.008	1.3	77.4

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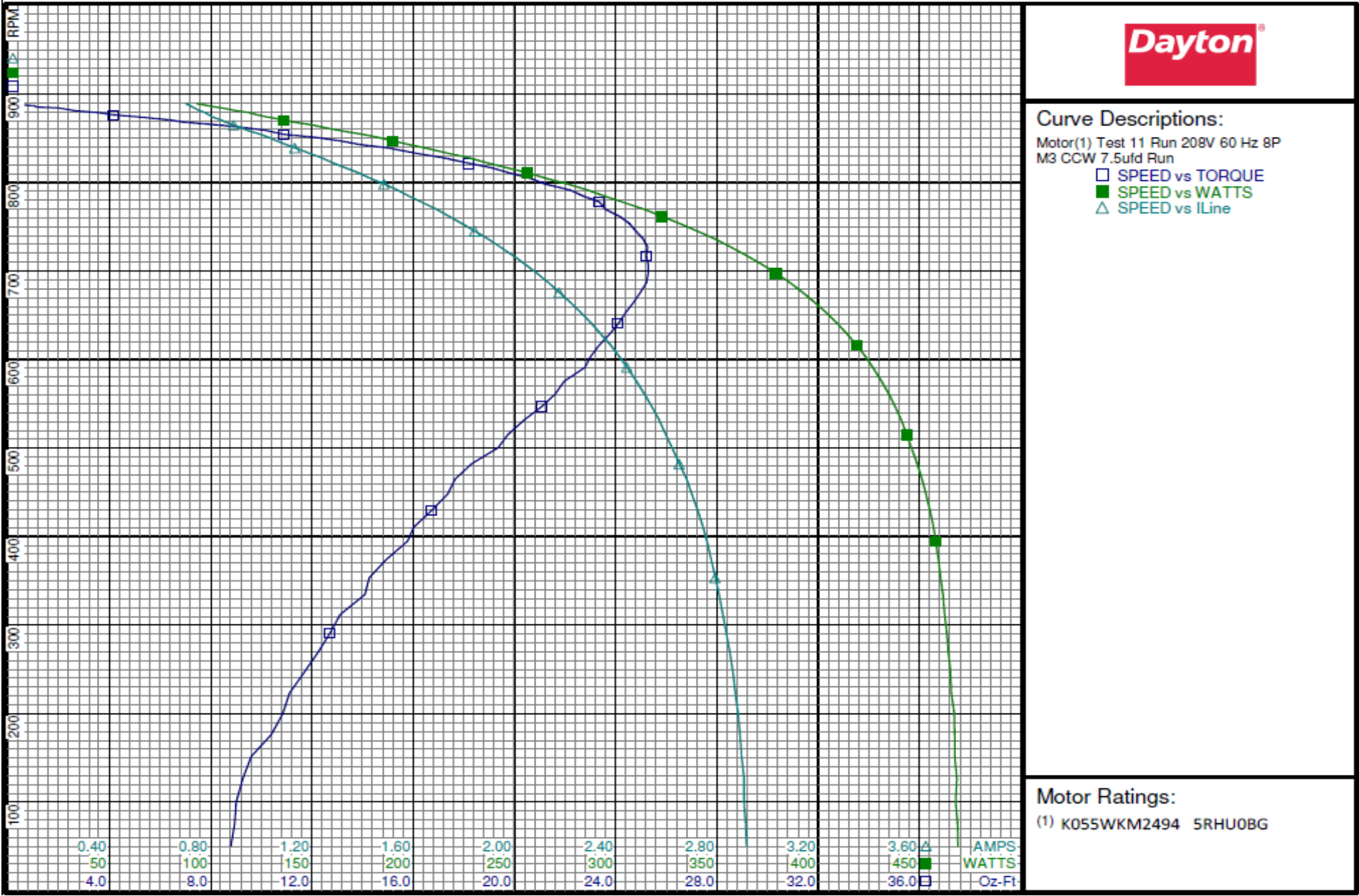
Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

Performance Data



5RHU0BG

REV.
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Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
 Motor ID:
 Poles: 8
 Volts: 208-230
 Frequency: 60
 HP: 1/3
 Speed: 825
 Phase: 1
 Protector: 7AM036-A5

Test Conditions

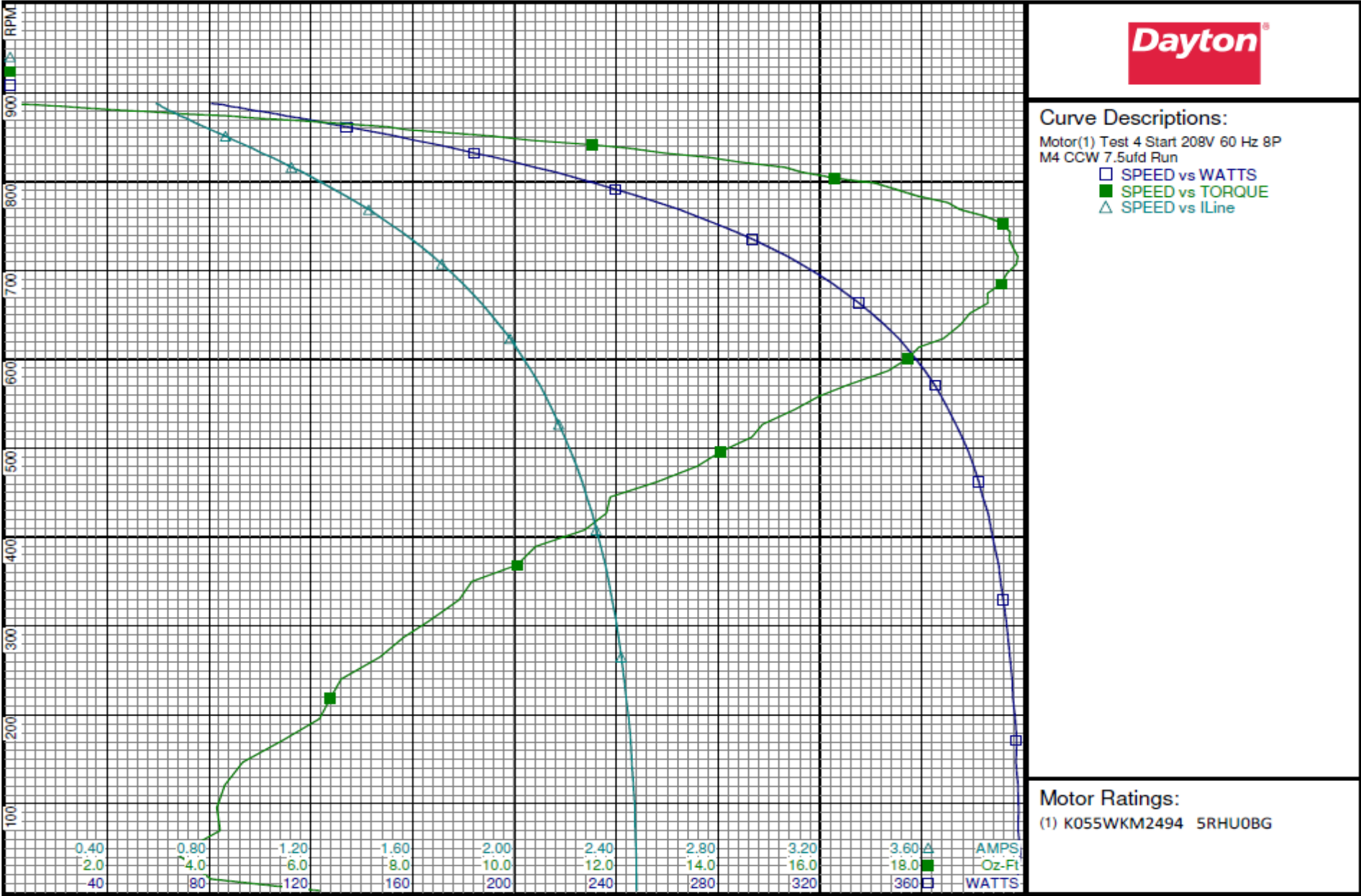
Test Type: Start
 Test Number: 4
 Poles: 8
 Volts: 208
 Hz: 60
 Rotation: CCW
 Special Cond:
 Speed Conn: M4
 TestBoard: CMD InLine Three Phase #1
 Run Cap: 7.5
 Start Cap: 0µfd
 Environment: 22.9 Deg C 58 % RH 966 hPa
 Tested: 7/2/2016 9:23:43 AM
 Tested By: Navarro, Susana
 Gear Ratio: 1:1
 Bearing Friction: -1.00 Oz-Ft
 Windage Torque: -2.25 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
PUT OZ-FT	208.0	37.3	163.1	2.479	397.4	15	4.036	0.001	0.1	77.1
	208.0	38.0	163.5	2.477	398.6	43	3.378	0.002	0.3	77.4
	208.0	38.6	161.8	2.474	397.7	70	4.219	0.003	0.7	77.3
	208.0	40.3	160.2	2.467	397.6	121	4.309	0.006	1.2	77.5
	208.0	42.3	158.1	2.456	397.2	171	5.452	0.011	2.1	77.7
	208.0	44.7	156.4	2.437	395.7	219	6.382	0.017	3.1	78.0
	208.0	47.2	154.6	2.419	394.5	265	7.358	0.023	4.4	78.4
	208.0	50.0	153.0	2.399	393.1	305	8.313	0.030	5.7	78.8
	208.0	53.7	151.7	2.369	390.8	350	9.160	0.038	7.3	79.3
	208.0	57.6	150.8	2.338	388.5	389	10.412	0.048	9.3	79.9
	208.0	61.6	150.3	2.305	386.0	427	11.803	0.060	11.6	80.5
	208.0	65.7	150.0	2.265	382.3	462	12.800	0.070	13.7	81.1
	208.0	70.4	150.1	2.221	378.2	496	14.046	0.083	16.4	81.9
	208.0	75.0	150.6	2.174	373.3	527	14.870	0.093	18.6	82.5
	208.0	80.2	151.4	2.122	367.5	558	15.976	0.106	21.6	83.3
	208.0	85.6	152.8	2.065	361.1	587	17.333	0.121	25.0	84.1
	208.0	91.1	154.6	2.006	353.7	614	17.938	0.131	27.6	84.8
	208.0	97.0	157.1	1.938	345.0	640	18.765	0.143	30.9	85.6
	208.0	103.0	160.1	1.869	335.3	663	19.293	0.152	33.9	86.2
	208.0	109.1	163.7	1.797	324.9	685	19.555	0.160	36.6	86.9
	208.0	115.9	168.3	1.714	312.4	707	19.855	0.167	39.9	87.6
	208.0	122.1	172.9	1.636	300.0	726	19.779	0.171	42.5	88.1
	208.0	128.1	177.7	1.558	287.2	743	19.729	0.174	45.3	88.6
	208.0	134.9	183.8	1.466	271.3	761	19.230	0.174	47.9	89.0
	208.0	141.2	189.8	1.382	256.5	776	18.508	0.171	49.7	89.3
	208.0	147.7	196.3	1.289	239.4	792	17.471	0.165	51.3	89.3
	208.0	153.0	202.1	1.211	224.5	804	16.291	0.156	51.8	89.2
	208.0	158.7	208.5	1.125	208.0	816	15.315	0.149	53.4	88.9
	208.0	163.8	214.5	1.048	192.4	827	13.817	0.136	52.8	88.3
	208.0	168.8	220.6	0.971	176.3	837	12.269	0.122	51.7	87.3
	208.0	173.6	226.5	0.899	160.8	846	10.329	0.104	48.3	86.0
	208.0	177.4	231.2	0.840	148.1	854	8.873	0.090	45.4	84.7
	208.0	181.4	236.6	0.781	134.1	862	7.502	0.077	42.8	82.5
	208.0	185.0	241.4	0.728	121.4	868	5.773	0.060	36.7	80.1
	208.0	188.0	245.5	0.686	110.2	874	4.398	0.046	31.0	77.2
	208.0	190.1	248.6	0.655	101.1	879	2.810	0.029	21.7	74.2
	208.0	193.0	252.3	0.622	91.8	883	1.436	0.015	12.3	71.0
	208.0	194.4	254.6	0.605	85.0	887	0.431	0.005	4.0	67.6
	208.0	195.6	256.4	0.592	81.0	888	0.000	0.000	0.0	65.8

Performance Data



5RHU0BG REV. -



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Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
Motor ID:
Poles: 8
Volts: 208-230
Frequency: 60
HP: 1/3
Speed: 825
Phase: 1
Protector: 7AM036-A5

Test Conditions

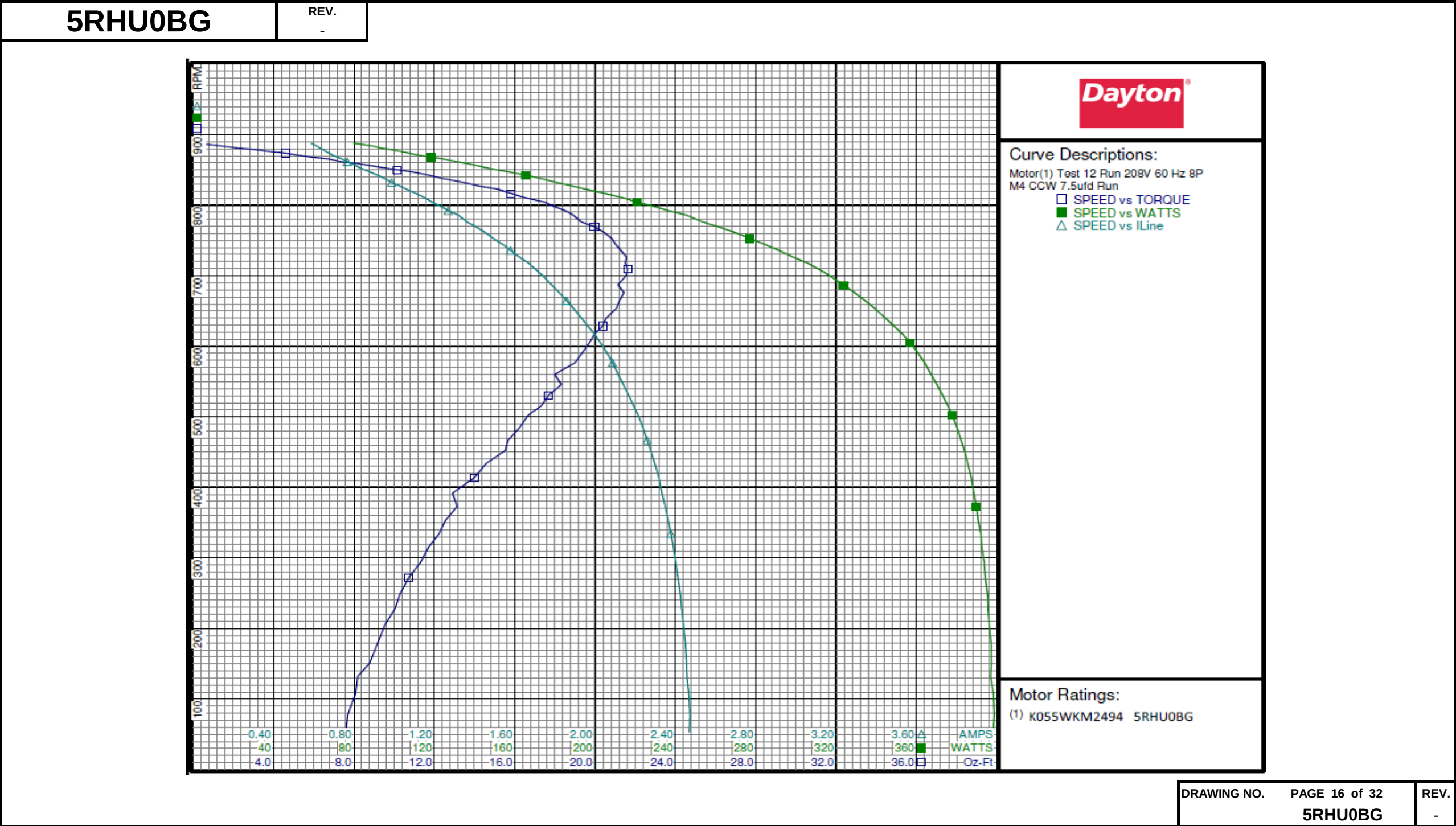
Test Type: Run
Test Number: 12
Poles: 8
Volts: 208
Hz: 60
Rotation: CCW
Special Cond:
Speed Conn: M4
TestBoard: CMD InLine Three Phase #1
Run Cap: 7.5
Start Cap: 0µfd
Environment: 22.9 Deg C 58 % RH 966 hPa
Tested: 7/2/2016 9:25:53 AM
Tested By: Navarro, Susana
Gear Ratio: 1:1
Bearing Friction: -0.95 Oz-Ft
Windage Torque: -2.41 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	208.0	196.4	257.2	0.588	80.0	887	0.00	0.000	0.0	65.4
	208.0	194.6	254.7	0.606	86.4	885	1.07	0.011	9.7	68.6
	208.0	192.7	252.1	0.630	93.7	880	2.29	0.024	19.1	71.5
	208.0	190.2	248.6	0.659	102.8	876	3.69	0.038	27.9	75.0
	208.0	187.7	245.1	0.694	112.4	871	5.23	0.054	36.0	77.8
	208.0	184.4	240.6	0.741	124.6	865	6.79	0.070	41.9	80.8
	208.0	181.0	236.2	0.791	136.9	858	8.22	0.084	45.8	83.2
	208.0	176.9	230.9	0.852	151.0	850	10.17	0.103	50.8	85.2
	208.0	172.4	225.0	0.919	165.6	842	11.72	0.118	52.9	86.6
	208.0	167.8	219.4	0.988	180.6	832	13.44	0.133	55.0	87.8
	208.0	163.1	213.8	1.059	195.1	823	15.14	0.148	56.7	88.6
	208.0	156.9	206.4	1.153	213.8	811	16.50	0.159	55.6	89.2
16.92 OZ-FT	208.0	155.9	205.3	1.168	216.8	808	16.92	0.163	56.0	89.2
	208.0	151.5	200.5	1.232	229.1	798	17.93	0.170	55.5	89.4
	208.0	145.5	194.1	1.319	245.4	786	18.90	0.177	53.8	89.5
	208.0	139.3	187.9	1.406	261.2	769	19.97	0.183	52.2	89.3
20.03 OZ-FT	208.0	138.8	187.5	1.412	262.3	768	20.03	0.183	52.1	89.3
	208.0	132.9	181.8	1.495	277.0	753	20.84	0.187	50.3	89.1
	208.0	126.5	176.2	1.579	291.3	736	21.27	0.186	47.7	88.7
	208.0	119.7	170.8	1.668	305.6	718	21.49	0.184	44.8	88.1
BDT OZ-FT	208.0	116.9	168.7	1.704	311.3	709	21.62	0.183	43.7	87.9
	208.0	114.0	166.7	1.739	316.6	700	21.54	0.179	42.3	87.5
	208.0	107.2	162.2	1.822	329.2	676	21.44	0.172	39.1	86.9
	208.0	101.1	158.9	1.892	339.1	654	21.06	0.164	36.0	86.1
	208.0	95.0	156.0	1.963	348.6	629	20.39	0.153	32.7	85.4
	208.0	89.3	153.7	2.026	356.7	605	19.72	0.142	29.7	84.6
	208.0	83.6	152.1	2.087	364.0	577	19.00	0.130	26.7	83.8
	208.0	78.5	150.9	2.140	370.1	546	18.31	0.119	24.0	83.1
	208.0	73.5	150.1	2.192	375.6	515	17.30	0.106	21.1	82.4
	208.0	68.5	149.9	2.239	380.1	484	16.23	0.094	18.4	81.6
	208.0	64.5	149.9	2.277	383.8	452	15.53	0.084	16.2	81.0
	208.0	60.0	150.2	2.317	387.2	414	14.00	0.069	13.3	80.3
	208.0	56.1	151.1	2.349	389.7	373	13.14	0.058	11.2	79.8
	208.0	52.3	152.1	2.378	391.9	334	12.24	0.049	9.3	79.2
	208.0	49.0	153.5	2.402	393.6	293	11.30	0.039	7.5	78.8
	208.0	46.2	155.2	2.424	395.3	248	10.29	0.030	5.7	78.4
	208.0	43.9	156.7	2.440	396.1	205	9.54	0.023	4.4	78.1
	208.0	41.6	158.7	2.455	397.3	151	8.78	0.016	3.0	77.8
	208.0	40.0	160.3	2.467	398.2	106	8.06	0.010	1.9	77.6
	208.0	38.2	162.8	2.469	398.2	53	7.60	0.005	0.9	77.5

DRAWING NO. PAGE 15 of 32 REV.
5RHU0BG -

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

Performance Data



Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
 Motor ID:
 Poles: 8
 Volts: 208-230
 Frequency: 60
 HP: 1/3
 Speed: 825
 Phase: 1
 Protector: 7AM036-A5

Test Conditions

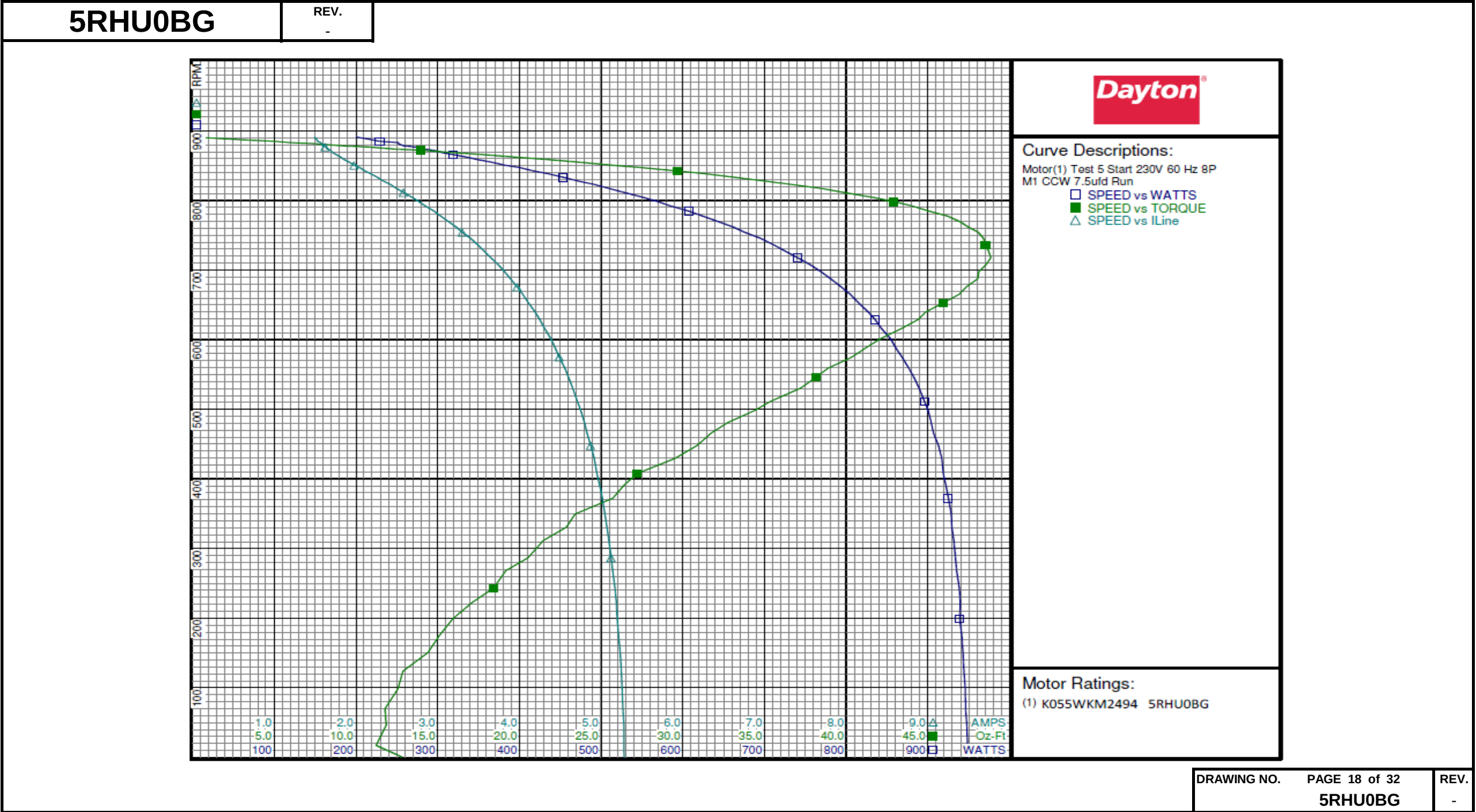
Test Type: Start
 Test Number: 5
 Poles: 8
 Volts: 230
 Hz: 60
 Rotation: CCW
 Special Cond:
 Speed Conn: M1
 TestBoard: CMD InLine Three Phase #1 Fixture #1
 Run Cap: 7.5
 Start Cap: 0ufd
 Environment: 23.3 Deg C 68 % RH 966 hPa
 Tested: 7/2/2016 8:01:27 AM
 Tested By: Bribiesca, Griselda
 Gear Ratio: 1:1
 Bearing Friction: -1.64 Oz-Ft
 Windage Torque: -3.71 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
PUT OZ-FT	230.0	58.6	263.9	5.279	948.4	17	11.23	0.002	0.2	78.1
	230.0	58.6	263.9	5.279	948.4	17	11.23	0.002	0.2	78.1
	230.0	61.6	259.3	5.255	945.5	98	12.57	0.015	1.2	78.2
	230.0	65.5	255.5	5.213	941.1	175	15.10	0.031	2.5	78.5
	230.0	70.3	252.3	5.169	938.3	243	18.44	0.053	4.2	78.9
	230.0	76.7	249.2	5.094	931.5	311	21.46	0.080	6.4	79.5
	230.0	84.5	247.0	5.015	925.0	372	25.70	0.114	9.2	80.2
	230.0	93.2	246.0	4.916	916.8	429	29.51	0.151	12.3	81.1
	230.0	102.5	245.8	4.794	903.8	481	32.74	0.187	15.5	82.0
	230.0	113.4	246.8	4.652	888.9	530	37.21	0.235	19.7	83.1
	230.0	124.6	248.8	4.488	868.2	575	40.33	0.276	23.7	84.1
	230.0	137.1	252.6	4.307	842.8	616	43.38	0.318	28.2	85.1
	230.0	150.2	258.0	4.111	815.0	653	45.94	0.357	32.7	86.2
	230.0	164.8	265.6	3.889	780.6	687	48.04	0.393	37.6	87.3
	230.0	179.4	274.9	3.650	740.2	718	48.84	0.417	42.1	88.2
	230.0	193.9	285.5	3.402	695.3	745	48.39	0.429	46.1	88.9
	230.0	208.8	298.2	3.135	643.9	769	46.96	0.430	49.8	89.3
	230.0	224.0	312.8	2.842	583.8	792	43.95	0.415	53.0	89.3
	230.0	237.0	326.3	2.581	527.9	811	39.83	0.385	54.4	88.9
	230.0	249.2	339.9	2.339	472.5	827	35.05	0.345	54.5	87.8
	230.0	260.5	353.5	2.107	417.1	842	29.67	0.297	53.2	86.0
	230.0	270.8	366.5	1.912	363.5	855	23.37	0.238	48.8	82.7
	230.0	278.6	377.1	1.755	319.0	866	17.77	0.183	42.8	79.0
	230.0	285.0	386.4	1.653	283.0	874	12.37	0.129	33.9	74.5
	230.0	289.7	392.5	1.581	252.0	881	7.54	0.079	23.4	69.3
	230.0	293.9	399.7	1.524	223.1	886	3.77	0.040	13.3	63.6
	230.0	297.2	404.7	1.495	200.9	891	0.00	0.000	0.0	58.4

DRAWING NO. PAGE 17 of 32 REV.
 5RHU0BG -

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

Performance Data



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

Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
 Motor ID:
 Poles: 8
 Volts: 208-230
 Frequency: 60
 HP: 1/3
 Speed: 825
 Phase: 1
 Protector: 7AM036-A5

Test Conditions

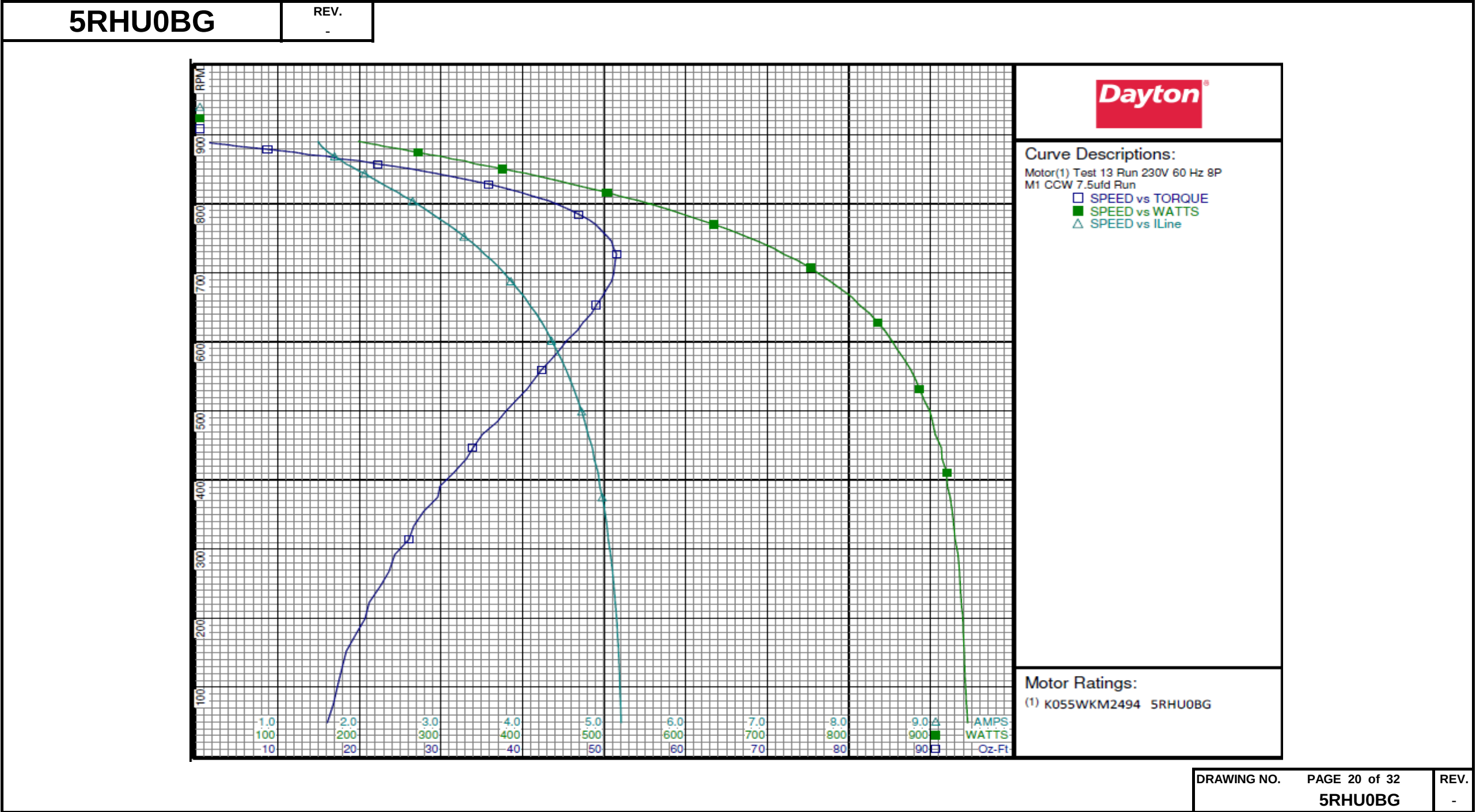
Test Type: Run
 Test Number: 13
 Poles: 8
 Volts: 230
 Hz: 60
 Rotation: CCW
 Special Cond:
 Speed Conn: M1
 TestBoard: CMD InLine Three Phase #1 Fixture #1
 Run Cap: 7.5
 Start Cap: 0µfd
 Environment: 23.3 Deg C 68 % RH 966 hPa
 Tested: 7/2/2016 8:05:22 AM
 Tested By: Bribiesca, Griselda
 Gear Ratio: 1:1
 Bearing Friction: -1.40 Oz-Ft
 Windage Torque: -3.67 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	230.0	297.5	404.4	1.495	199.0	890	0.00	0.000	0.0	57.9
	230.0	296.4	402.8	1.502	206.5	889	1.34	0.014	5.1	59.8
	230.0	294.4	399.7	1.524	221.1	886	3.68	0.039	13.1	63.1
	230.0	292.0	395.8	1.552	239.4	881	6.72	0.070	22.0	67.1
	230.0	288.5	390.2	1.603	262.6	876	10.69	0.111	31.7	71.2
	230.0	284.8	385.0	1.668	286.8	871	13.88	0.144	37.4	74.7
	230.0	279.8	378.1	1.746	314.7	864	17.90	0.184	43.7	78.4
	230.0	275.8	371.8	1.838	342.9	857	22.27	0.227	49.5	81.1
	230.0	270.5	364.7	1.955	375.8	850	26.34	0.267	52.9	83.6
	230.0	263.6	356.6	2.069	405.2	844	29.44	0.296	54.5	85.2
33.75 OZ-FT	230.0	256.9	348.1	2.212	442.4	834	33.75	0.335	56.5	87.0
	230.0	256.1	347.1	2.227	446.3	832	34.18	0.339	56.6	87.1
	230.0	248.2	337.8	2.388	484.3	821	38.14	0.373	57.5	88.2
	230.0	240.2	329.0	2.542	519.1	811	41.26	0.398	57.2	88.8
	230.0	231.2	319.5	2.727	559.6	798	44.39	0.422	56.2	89.2
	230.0	221.6	309.7	2.904	597.3	784	46.91	0.438	54.7	89.4
	230.0	212.2	300.9	3.083	634.0	770	48.93	0.449	52.8	89.4
	230.0	201.4	291.2	3.283	673.4	753	50.37	0.451	50.0	89.2
BDT OZ-FT	230.0	191.3	283.0	3.462	707.3	736	51.16	0.448	47.2	88.8
	230.0	186.7	279.6	3.535	720.2	727	51.51	0.446	46.2	88.6
	230.0	182.1	276.3	3.620	735.7	718	51.37	0.439	44.5	88.4
	230.0	171.8	269.4	3.786	763.9	698	51.15	0.425	41.5	87.7
	230.0	162.3	263.6	3.938	789.7	677	50.32	0.405	38.3	87.2
	230.0	152.5	258.5	4.087	812.7	653	49.05	0.381	35.0	86.5
	230.0	142.9	254.4	4.240	835.4	628	47.38	0.354	31.6	85.7
	230.0	134.2	251.2	4.357	852.2	602	45.42	0.325	28.5	85.0
	230.0	126.4	249.0	4.470	866.9	576	43.62	0.299	25.7	84.3
	230.0	118.4	247.3	4.583	881.4	545	41.42	0.269	22.8	83.6
	230.0	111.5	246.5	4.676	891.8	516	39.24	0.241	20.2	82.9
	230.0	104.5	245.8	4.762	902.2	484	36.89	0.213	17.6	82.4
	230.0	97.5	245.9	4.856	913.0	447	33.93	0.180	14.7	81.8
	230.0	91.6	246.1	4.924	919.5	410	31.57	0.154	12.5	81.2
	230.0	86.2	246.8	4.977	923.8	375	29.62	0.132	10.7	80.7
	230.0	80.5	248.1	5.035	928.2	333	26.68	0.106	8.5	80.1
	230.0	75.8	249.7	5.079	933.4	292	24.36	0.085	6.8	79.9
	230.0	71.8	251.9	5.118	935.9	249	22.71	0.067	5.4	79.5
	230.0	68.0	254.2	5.152	939.4	199	20.69	0.049	3.9	79.3
	230.0	65.1	256.4	5.176	941.1	152	18.43	0.033	2.6	79.1
	230.0	62.4	258.3	5.191	942.4	102	17.36	0.021	1.7	78.9
	230.0	60.4	261.4	5.208	945.4	48	16.09	0.009	0.7	78.9

DRAWING NO. PAGE 19 of 32 REV.
 5RHU0BG -

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

Performance Data



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

Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
 Motor ID:
 Poles: 8
 Volts: 208-230
 Frequency: 60
 HP: 1/3
 Speed: 825
 Phase: 1
 Protector: 7AM036-A5

Test Conditions

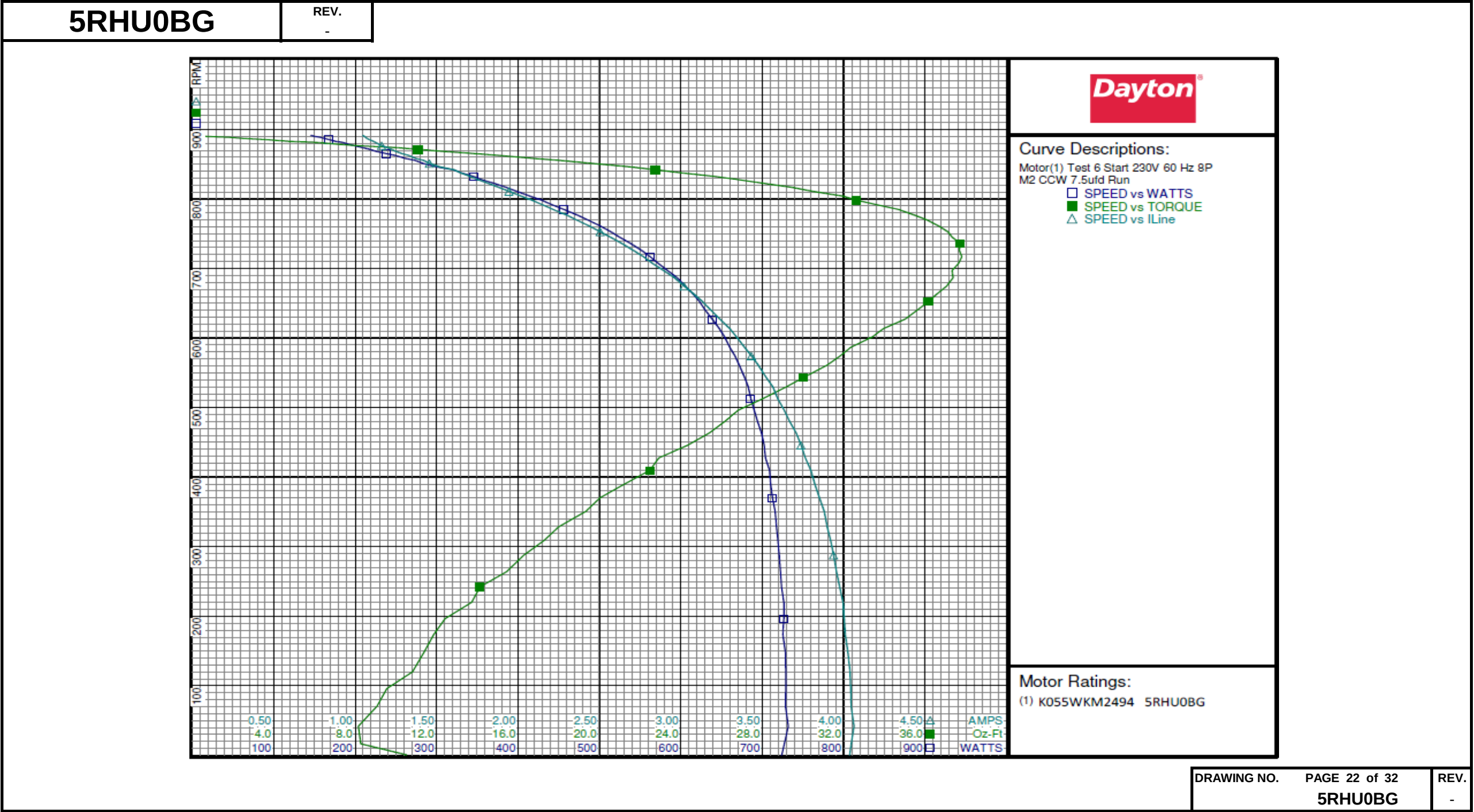
Test Type: Start
 Test Number: 6
 Poles: 8
 Volts: 230
 Hz: 60
 Rotation: CCW
 Special Cond:
 Speed Conn: M2
 TestBoard: CMD InLine Three Phase #1 Fixture #1
 Run Cap: 7.5
 Start Cap: 0µfd
 Environment: 23.1 Deg C 63 % RH 966 hPa
 Tested: 7/2/2016 8:31:34 AM
 Tested By: Bribiesca, Griselda
 Gear Ratio: 1:1
 Bearing Friction: -1.07 Oz-Ft
 Windage Torque: -2.71 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	230.0	50.6	227.2	4.045	726.9	16	8.28	0.002	0.2	78.1
PUT OZ-FT	230.0	52.6	225.8	4.063	731.8	42	8.15	0.004	0.4	78.3
	230.0	54.2	223.3	4.042	728.8	96	9.56	0.011	1.1	78.4
	230.0	58.1	219.6	4.008	725.2	174	11.86	0.025	2.5	78.7
	230.0	62.6	216.6	3.974	723.5	242	14.15	0.041	4.2	79.1
	230.0	68.5	213.7	3.919	719.0	309	17.28	0.064	6.6	79.8
	230.0	75.4	211.8	3.851	712.4	370	20.03	0.088	9.2	80.4
	230.0	83.2	210.7	3.764	703.8	427	22.92	0.117	12.4	81.3
	230.0	92.2	210.5	3.666	693.9	480	26.17	0.150	16.1	82.3
	230.0	101.6	211.4	3.565	682.7	530	29.18	0.184	20.1	83.3
	230.0	112.0	213.4	3.434	666.4	574	31.82	0.217	24.3	84.4
	230.0	122.5	216.7	3.299	647.2	613	33.95	0.248	28.6	85.3
	230.0	134.9	222.3	3.131	622.7	652	36.16	0.281	33.6	86.5
	230.0	147.6	229.3	2.961	595.4	687	37.36	0.305	38.3	87.4
	230.0	160.1	237.6	2.769	562.1	717	37.80	0.323	42.8	88.3
	230.0	173.3	247.8	2.567	524.8	745	37.32	0.331	47.0	88.9
	230.0	186.3	259.4	2.358	485.4	770	36.07	0.331	50.8	89.5
	230.0	198.8	271.6	2.148	441.4	792	33.59	0.317	53.5	89.3
	230.0	210.4	284.4	1.945	398.6	811	30.47	0.294	55.0	89.1
	230.0	221.5	296.4	1.754	355.5	827	26.83	0.264	55.5	88.1
	230.0	230.6	304.1	1.608	320.6	842	22.75	0.228	53.1	86.7
	230.0	241.5	320.7	1.417	273.3	855	17.99	0.183	50.0	83.8
	230.0	248.9	330.5	1.289	238.5	865	13.92	0.143	44.8	80.4
	230.0	255.1	339.0	1.196	208.5	874	9.92	0.103	36.9	75.8
	230.0	259.8	345.5	1.124	184.3	881	6.05	0.064	25.7	71.3
	230.0	263.8	351.2	1.072	161.7	887	2.46	0.026	12.0	65.6
	230.0	266.6	355.6	1.047	145.9	891	0.00	0.000	0.0	60.6

DRAWING NO. PAGE 21 of 32 REV.
 5RHU0BG -

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

Performance Data



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

Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
 Motor ID:
 Poles: 8
 Volts: 208-230
 Frequency: 60
 HP: 1/3
 Speed: 825
 Phase: 1
 Protector: 7AM036-A5

Test Conditions

Test Type: Run
 Test Number: 14
 Poles: 8
 Volts: 230
 Hz: 60
 Rotation: CCW
 Special Cond:
 Speed Conn: M2
 TestBoard: CMD InLine Three Phase #1 Fixture #1
 Run Cap: 7.5
 Start Cap: 0µfd
 Environment: 23.1 Deg C 63 % RH 966 hPa
 Tested: 7/2/2016 8:32:56 AM
 Tested By: Bribiesca, Griselda
 Gear Ratio: 1:1
 Bearing Friction: -1.05 Oz-Ft
 Windage Torque: -2.85 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	230.0	266.7	355.5	1.044	144.9	891	0.00	0.000	0.0	60.3
	230.0	263.4	352.2	1.052	152.8	889	1.10	0.012	5.7	63.2
	230.0	263.1	350.1	1.083	164.6	886	2.82	0.030	13.5	66.1
	230.0	260.6	346.4	1.106	177.0	881	5.30	0.056	23.4	69.6
	230.0	257.9	342.6	1.150	193.1	877	7.53	0.079	30.4	73.0
	230.0	253.8	336.9	1.215	215.1	871	11.25	0.117	40.5	77.0
	230.0	247.6	329.8	1.286	237.7	865	13.84	0.142	44.7	80.4
	230.0	244.5	324.3	1.361	258.5	858	16.72	0.171	49.3	82.6
	230.0	239.0	317.1	1.464	284.8	850	19.88	0.201	52.7	84.6
	230.0	231.3	301.4	1.633	326.4	842	23.13	0.232	53.0	86.9
	230.0	229.5	305.1	1.633	327.6	835	25.28	0.251	57.2	87.2
25.28 OZ-FT	230.0	229.7	305.4	1.627	326.4	836	25.13	0.250	57.1	87.2
0.25 HP	230.0	228.1	303.2	1.661	334.4	833	26.12	0.259	57.8	87.5
	230.0	220.6	294.5	1.797	366.2	823	28.86	0.283	57.6	88.6
	230.0	212.2	285.2	1.935	397.5	811	31.51	0.304	57.1	89.3
	230.0	205.3	277.6	2.062	425.0	799	33.90	0.322	56.6	89.6
	230.0	196.9	268.9	2.202	453.7	785	36.02	0.337	55.3	89.6
	230.0	187.5	259.9	2.358	486.1	769	37.51	0.343	52.7	89.6
38.3 OZ-FT	230.0	183.5	256.2	2.426	499.8	762	38.30	0.347	51.8	89.6
	230.0	178.9	252.1	2.497	513.4	753	38.98	0.349	50.8	89.4
	230.0	170.1	244.8	2.637	539.6	736	39.52	0.346	47.9	89.0
	230.0	161.0	237.9	2.769	564.0	717	39.76	0.339	44.9	88.5
BDT OZ-FT	230.0	157.0	235.1	2.828	574.0	708	39.90	0.336	43.7	88.3
	230.0	152.9	232.2	2.889	584.3	699	39.82	0.331	42.3	87.9
	230.0	144.0	226.7	3.016	606.3	676	39.21	0.316	38.8	87.4
	230.0	135.2	221.9	3.134	623.9	653	38.36	0.298	35.6	86.5
	230.0	127.1	218.4	3.238	640.1	628	37.20	0.278	32.4	86.0
	230.0	119.3	215.3	3.346	655.3	602	35.95	0.258	29.3	85.1
	230.0	111.9	213.3	3.439	667.8	575	34.33	0.235	26.2	84.4
	230.0	105.4	211.8	3.510	677.0	547	32.87	0.214	23.6	83.8
	230.0	98.8	210.9	3.595	686.6	516	31.14	0.191	20.8	83.0
	230.0	92.5	210.5	3.664	694.7	483	29.28	0.168	18.1	82.4
	230.0	86.6	210.4	3.721	700.6	449	27.18	0.145	15.5	81.9
	230.0	81.0	210.8	3.800	710.4	411	25.57	0.125	13.1	81.3
	230.0	75.8	211.8	3.841	713.3	373	23.32	0.104	10.8	80.7
	230.0	71.2	213.0	3.881	716.5	333	21.54	0.085	8.9	80.3
	230.0	66.8	214.6	3.917	720.4	291	19.77	0.068	7.1	80.0
	230.0	63.2	216.3	3.948	722.5	248	17.89	0.053	5.5	79.6
	230.0	60.1	218.4	3.978	725.0	201	16.69	0.040	4.1	79.2
	230.0	57.1	220.6	3.999	727.1	152	15.20	0.027	2.8	79.1
	230.0	54.5	223.1	4.011	728.1	100	13.66	0.016	1.7	78.9
	230.0	52.5	224.9	4.015	727.1	49	12.89	0.007	0.8	78.7

DRAWING NO. PAGE 23 of 32 REV.
 5RHU0BG -

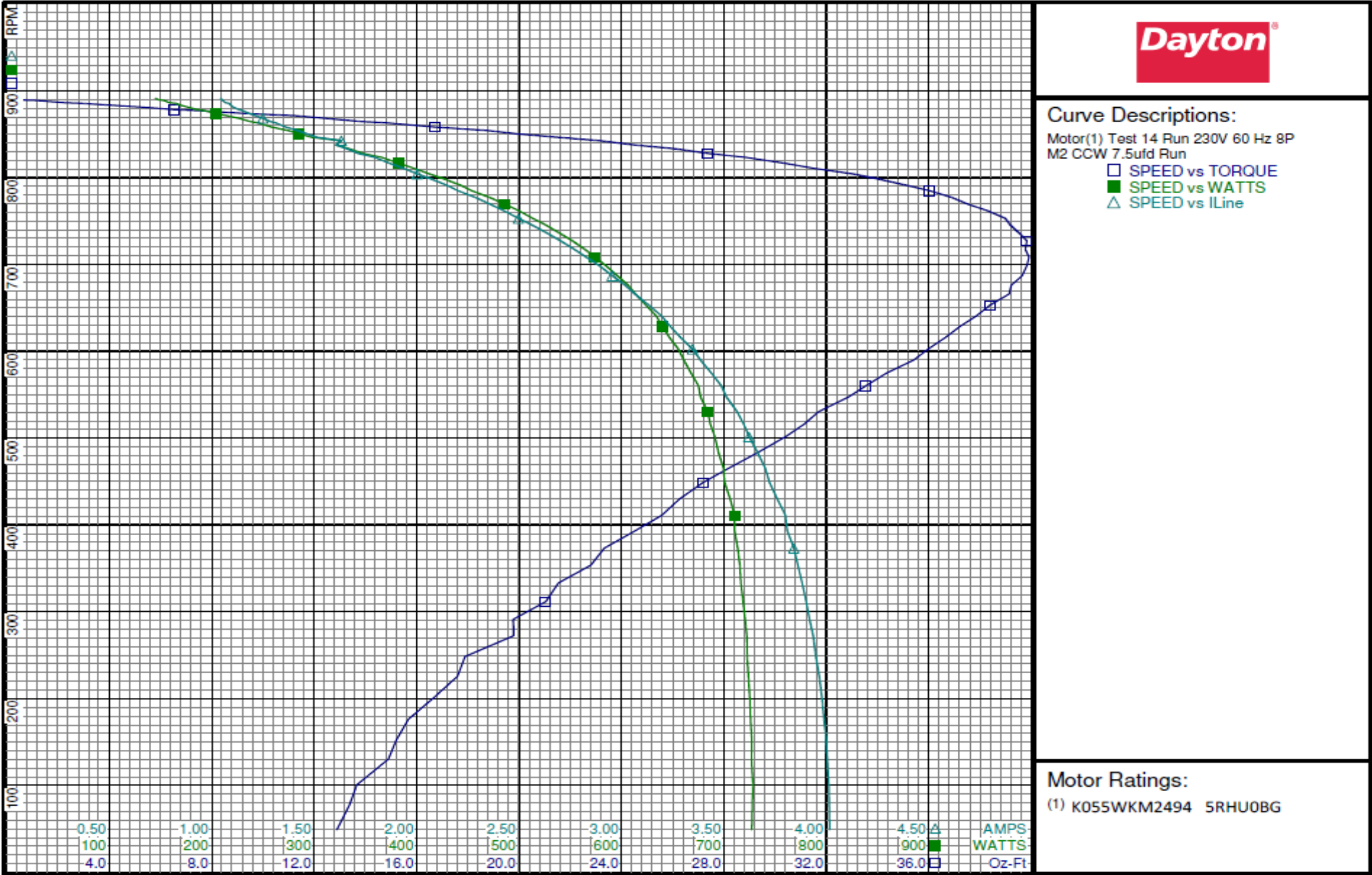
Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

Performance Data



5RHU0BG

REV.
-



Performance Data



5RHU0BG

REV.

-

Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
Motor ID:
Poles: 8
Volts: 208-230
Frequency: 60
HP: 1/3
Speed: 825
Phase: 1
Protector: 7AM036-A5

Test Conditions

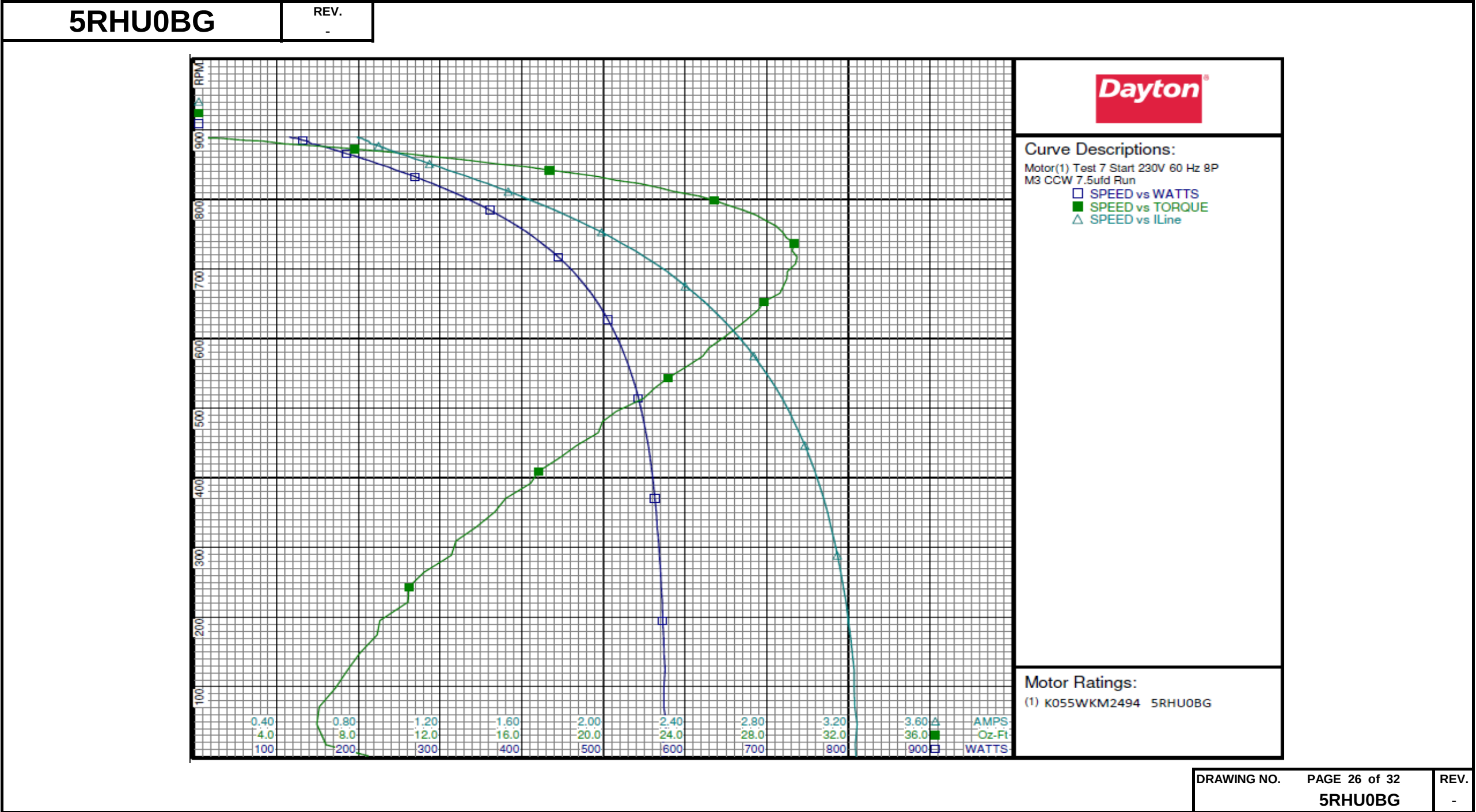
Test Type: Start
Test Number: 7
Poles: 8
Volts: 230
Hz: 60
Rotation: CCW
Special Cond:
Speed Conn: M3
TestBoard: CMD InLine Three Phase #1
Run Cap: 7.5
Start Cap: 0µfd
Environment: 23.1 Deg C 63 % RH 966 hPa
Tested: 7/2/2016 9:06:50 AM
Tested By: Navarro, Susana
Gear Ratio: 1:1
Bearing Friction: -1.07 Oz-Ft
Windage Torque: -2.57 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
PUT OZ-FT	230.0	44.8	197.9	3.232	572.6	16	6.42	0.001	0.2	77.0
	230.0	46.0	197.8	3.242	577.0	46	5.97	0.003	0.4	77.4
	230.0	46.4	196.2	3.230	573.8	71	6.09	0.005	0.7	77.2
	230.0	48.6	193.9	3.227	575.4	125	7.49	0.011	1.4	77.5
	230.0	50.9	191.7	3.208	573.4	174	8.92	0.019	2.4	77.7
	230.0	53.4	189.8	3.187	572.0	221	10.44	0.028	3.6	78.0
	230.0	56.4	187.8	3.162	569.9	264	11.20	0.035	4.6	78.4
	230.0	60.1	186.0	3.130	567.2	309	12.78	0.047	6.2	78.8
	230.0	64.1	184.5	3.097	564.7	351	14.67	0.061	8.1	79.3
	230.0	68.8	183.5	3.054	561.0	392	16.43	0.077	10.2	79.9
	230.0	73.4	182.9	3.010	556.9	429	17.87	0.091	12.2	80.4
	230.0	78.6	182.5	2.958	552.0	465	19.74	0.109	14.8	81.1
	230.0	83.4	182.7	2.909	546.6	495	20.62	0.122	16.6	81.7
	230.0	89.6	183.2	2.843	539.5	529	22.52	0.142	19.6	82.5
	230.0	95.8	184.3	2.774	531.1	559	24.06	0.160	22.5	83.2
	230.0	101.7	185.8	2.707	522.4	586	25.16	0.176	25.1	83.9
	230.0	108.8	188.1	2.623	511.0	615	26.50	0.194	28.3	84.7
	230.0	116.1	191.2	2.536	498.4	641	27.58	0.210	31.5	85.5
	230.0	123.4	194.9	2.445	484.8	665	28.64	0.227	34.9	86.2
	230.0	130.3	198.9	2.356	470.7	686	28.98	0.237	37.5	86.9
	230.0	137.9	203.8	2.256	453.9	707	29.39	0.247	40.7	87.5
	230.0	145.4	209.3	2.156	436.4	726	29.24	0.253	43.2	88.0
	230.0	153.7	215.9	2.041	415.5	745	28.95	0.257	46.1	88.5
	230.0	161.5	222.8	1.928	394.3	762	28.44	0.258	48.8	88.9
	230.0	168.9	229.7	1.817	372.3	777	27.49	0.254	50.9	89.1
	230.0	176.6	237.4	1.700	348.6	792	26.03	0.245	52.5	89.2
	230.0	183.3	244.6	1.595	326.6	804	24.68	0.236	54.0	89.0
	230.0	189.9	251.9	1.489	303.8	816	22.80	0.221	54.4	88.7
	230.0	196.5	259.5	1.382	279.8	827	20.59	0.203	54.1	88.0
	230.0	202.7	267.0	1.280	256.3	838	18.44	0.184	53.5	87.0
	230.0	207.6	273.1	1.197	236.2	847	16.26	0.164	51.7	85.8
	230.0	213.1	280.3	1.107	213.3	856	13.52	0.138	48.1	83.8
	230.0	217.3	285.9	1.041	196.1	862	11.29	0.116	44.1	81.9
	230.0	221.5	291.6	0.974	177.4	868	9.22	0.095	40.1	79.1
	230.0	224.7	295.8	0.926	162.9	874	7.14	0.074	34.0	76.5
	230.0	228.2	300.6	0.877	147.8	879	4.85	0.051	25.6	73.3
	230.0	230.2	303.6	0.848	137.2	884	3.27	0.034	18.7	70.3
	230.0	233.0	307.6	0.818	125.1	887	1.31	0.014	8.2	66.5
	230.0	235.2	310.7	0.794	115.8	889	0.00	0.000	0.0	63.4

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

Performance Data



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

Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
Motor ID:
Poles: 8
Volts: 208-230
Frequency: 60
HP: 1/3
Speed: 825
Phase: 1
Protector: 7AM036-A5

Test Conditions

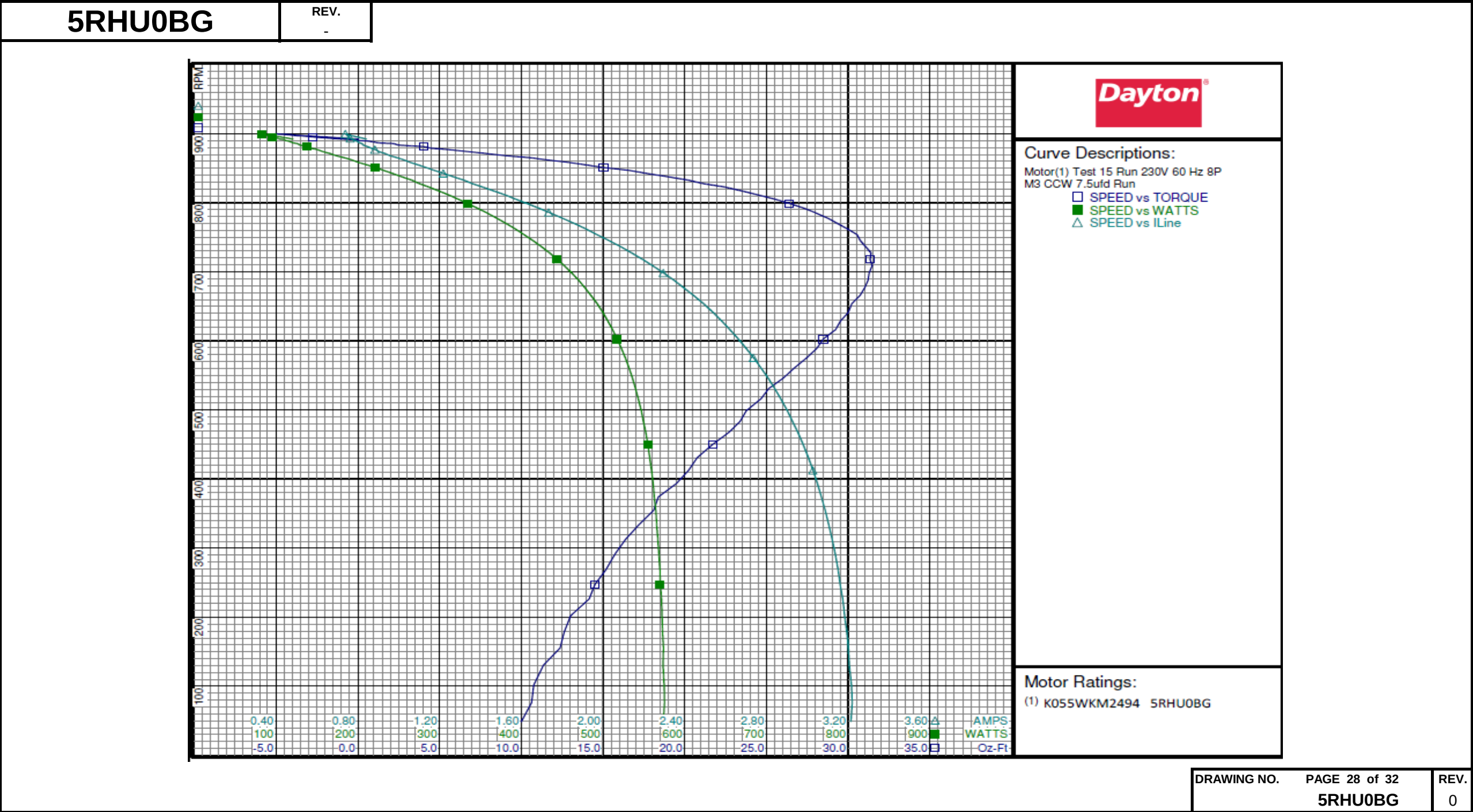
Test Type: Run
Test Number: 15
Poles: 8
Volts: 230
Hz: 60
Rotation: CCW
Special Cond:
Speed Conn: M3
TestBoard: CMD InLine Three Phase #1
Run Cap: 7.5
Start Cap: 0µfd
Environment: 23.1 Deg C 63 % RH 966 hPa
Tested: 7/2/2016 9:08:45 AM
Tested By: Navarro, Susana
Gear Ratio: 1:1
Bearing Friction: -1.04 Oz-Ft
Windage Torque: -2.57 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	230.0	230.8	306.5	0.842	120.6	892	0.00	0.000	0.0	62.3
	230.0	241.6	320.5	0.742	82.4	900	-5.04	-0.054	0.0	48.3
	230.0	241.6	320.5	0.741	82.8	900	-4.95	-0.053	0.0	48.6
	230.0	241.6	320.5	0.742	82.5	900	-4.99	-0.053	0.0	48.3
	230.0	241.7	320.5	0.741	83.1	900	-4.87	-0.052	0.0	48.8
	230.0	241.2	319.8	0.745	85.2	899	-4.52	-0.048	0.0	49.8
	230.0	240.5	318.6	0.749	90.1	897	-3.71	-0.040	0.0	52.3
	230.0	238.9	316.3	0.760	97.2	894	-2.28	-0.024	0.0	55.6
	230.0	237.0	313.1	0.777	109.0	891	-0.50	-0.005	0.0	60.9
	230.0	233.7	308.7	0.810	121.2	886	1.31	0.014	8.5	65.1
	230.0	230.9	304.2	0.846	137.7	881	4.01	0.042	22.8	70.8
	230.0	226.6	298.2	0.907	158.4	873	6.91	0.072	33.8	75.9
	230.0	220.8	290.4	0.993	183.5	865	10.57	0.109	44.2	80.4
	230.0	213.9	281.4	1.098	212.1	854	14.04	0.143	50.2	84.0
	230.0	206.5	271.8	1.218	242.0	842	17.64	0.177	54.5	86.4
20.52 OZ-FT	230.0	199.5	263.2	1.333	269.1	831	20.52	0.203	56.2	87.8
0.2 HP	230.0	200.5	264.3	1.317	265.6	833	20.18	0.200	56.2	87.7
	230.0	197.7	261.0	1.362	275.9	827	21.17	0.209	56.4	88.1
	230.0	187.8	249.5	1.524	311.8	811	24.54	0.237	56.7	88.9
	230.0	177.3	238.0	1.690	347.1	791	27.34	0.258	55.4	89.3
	230.0	166.4	227.0	1.858	381.1	770	29.32	0.269	52.6	89.2
30.18 OZ-FT	230.0	160.9	222.0	1.937	396.9	759	30.18	0.273	51.2	89.1
	230.0	154.7	216.5	2.027	413.9	745	30.72	0.273	49.1	88.8
	230.0	142.8	206.9	2.193	444.0	718	31.33	0.268	45.0	88.0
BDT OZ-FT	230.0	139.2	204.3	2.241	452.4	709	31.46	0.265	43.8	87.8
	230.0	131.3	199.0	2.348	470.2	687	31.20	0.255	40.5	87.1
	230.0	120.0	192.6	2.491	492.8	654	30.21	0.235	35.6	86.0
	230.0	109.3	187.9	2.620	511.6	616	29.23	0.214	31.3	84.9
	230.0	99.2	184.7	2.736	527.1	576	27.46	0.188	26.6	83.7
	230.0	89.9	183.0	2.840	539.7	531	25.14	0.159	22.0	82.6
	230.0	81.5	182.4	2.927	549.3	483	23.38	0.135	18.3	81.6
	230.0	73.8	182.7	3.004	557.0	431	20.75	0.106	14.2	80.6
	230.0	66.6	183.9	3.068	562.6	374	18.38	0.082	10.8	79.7
	230.0	60.3	185.6	3.120	566.9	313	16.38	0.061	8.0	79.0
	230.0	55.2	188.6	3.159	570.0	247	14.51	0.043	5.6	78.4
	230.0	51.1	191.4	3.192	572.7	178	12.61	0.027	3.5	78.0
	230.0	47.8	194.6	3.215	574.8	101	10.76	0.013	1.7	77.7

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5RHU0BG -

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

Performance Data



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

Performance Data



5RHU0BG

REV.

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Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
Motor ID:
Poles: 8
Volts: 208-230
Frequency: 60
HP: 1/3
Speed: 825
Phase: 1
Protector: 7AM036-A5

Test Conditions

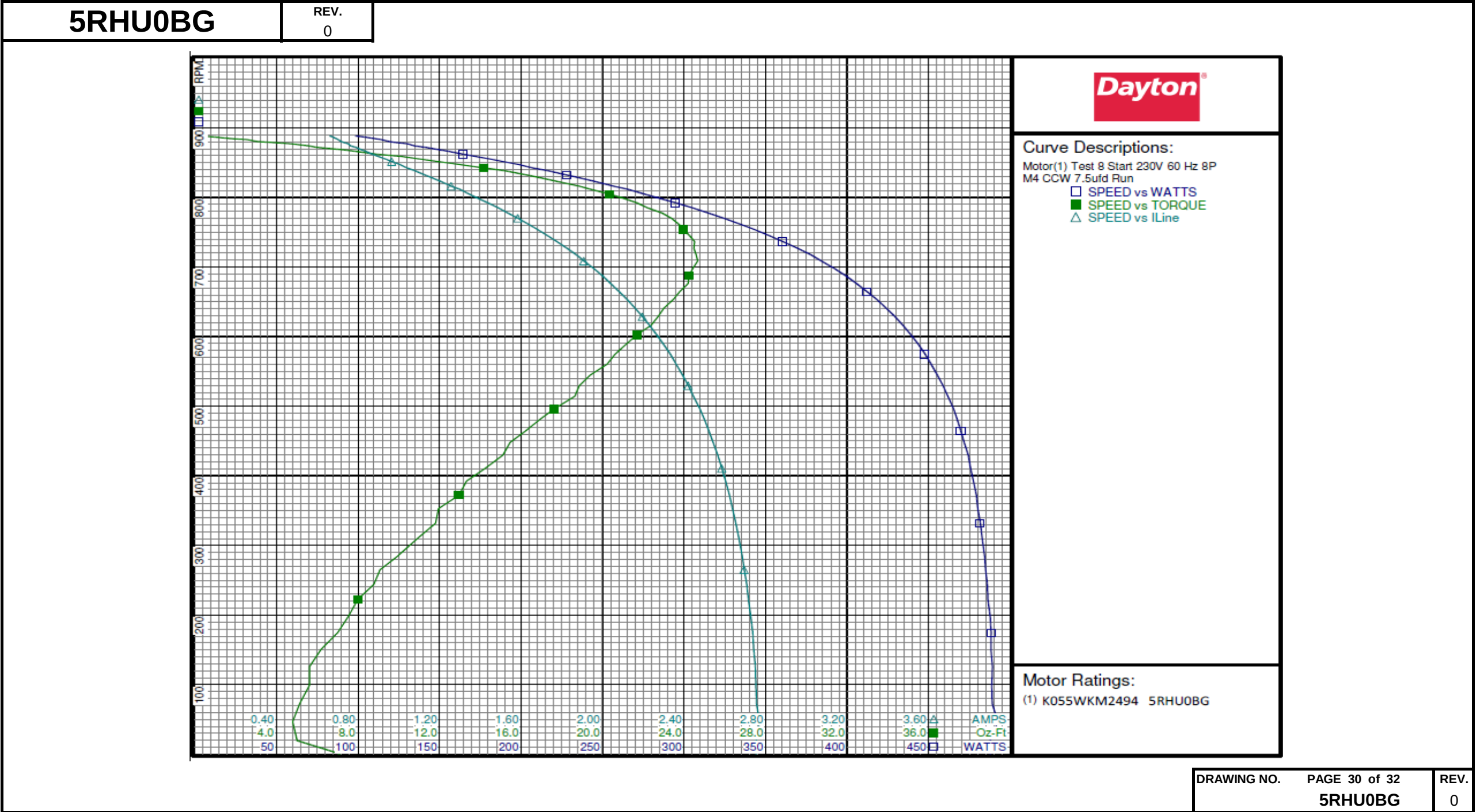
Test Type: Start
Test Number: 8
Poles: 8
Volts: 230
Hz: 60
Rotation: CCW
Special Cond:
Speed Conn: M4
TestBoard: CMD InLine Three Phase #1
Run Cap: 7.5
Start Cap: 0µfd
Environment: 23.1 Deg C 63 % RH 966 hPa
Tested: 7/2/2016 9:14:10 AM
Tested By: Navarro, Susana
Gear Ratio: 1:1
Bearing Friction: -1.08 Oz-Ft
Windage Torque: -2.59 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
PUT OZ-FT	230.0	40.7	181.3	2.753	487.6	19	5.02	0.001	0.2	77.0
	230.0	42.1	180.6	2.769	492.3	46	4.80	0.003	0.4	77.3
	230.0	42.4	179.4	2.755	488.9	72	5.14	0.004	0.7	77.2
	230.0	44.5	177.1	2.749	489.0	126	5.63	0.008	1.3	77.3
	230.0	46.6	174.9	2.736	488.2	175	7.01	0.015	2.2	77.6
	230.0	48.9	173.0	2.715	486.1	222	7.99	0.021	3.2	77.8
	230.0	51.7	171.3	2.695	484.8	265	9.08	0.029	4.4	78.2
	230.0	55.2	169.2	2.668	482.7	311	10.96	0.041	6.3	78.7
	230.0	59.0	167.9	2.637	480.0	353	11.96	0.050	7.8	79.1
	230.0	63.3	166.9	2.603	477.3	392	13.32	0.062	9.7	79.7
	230.0	67.8	166.2	2.565	474.1	430	15.11	0.077	12.2	80.4
	230.0	72.3	165.9	2.521	469.5	465	16.23	0.090	14.3	81.0
	230.0	77.0	165.9	2.477	465.2	496	17.63	0.104	16.7	81.7
	230.0	82.5	166.4	2.421	458.7	529	18.86	0.119	19.3	82.4
	230.0	88.3	167.4	2.361	451.4	560	20.22	0.135	22.3	83.1
	230.0	94.1	168.9	2.300	443.7	588	21.14	0.148	24.9	83.9
	230.0	100.4	171.0	2.230	434.3	616	22.37	0.164	28.2	84.7
	230.0	106.8	173.7	2.158	423.8	641	23.01	0.176	30.9	85.4
	230.0	113.4	176.9	2.081	412.1	665	23.79	0.188	34.1	86.1
	230.0	120.3	181.0	1.999	399.0	687	24.24	0.198	37.1	86.8
	230.0	127.6	185.9	1.909	384.1	708	24.66	0.208	40.4	87.5
	230.0	134.2	190.7	1.826	369.6	727	24.48	0.212	42.7	88.0
	230.0	141.4	196.6	1.729	352.2	745	24.26	0.215	45.6	88.5
	230.0	148.2	202.6	1.637	334.7	761	23.75	0.215	48.0	88.9
	230.0	155.7	209.7	1.535	314.9	777	22.91	0.212	50.2	89.2
	230.0	162.6	216.7	1.437	294.8	792	21.68	0.204	51.8	89.2
	230.0	168.8	223.3	1.345	275.5	805	20.32	0.195	52.7	89.1
	230.0	174.6	229.8	1.258	256.9	816	18.87	0.183	53.2	88.8
	230.0	180.7	237.0	1.166	236.2	828	16.99	0.167	52.9	88.1
	230.0	186.4	243.9	1.078	216.0	838	15.15	0.151	52.2	87.2
	230.0	191.0	249.7	1.007	198.8	847	13.01	0.131	49.2	85.9
	230.0	195.7	255.7	0.933	180.4	855	10.98	0.112	46.2	84.1
	230.0	199.9	261.3	0.871	164.6	862	8.93	0.092	41.5	82.2
	230.0	203.6	266.2	0.818	150.2	868	7.31	0.076	37.5	79.9
	230.0	207.5	271.6	0.764	134.7	874	5.61	0.058	32.3	76.6
	230.0	210.1	275.4	0.729	122.6	879	3.73	0.039	23.8	73.2
	230.0	212.0	277.9	0.702	114.5	883	2.58	0.027	17.6	70.8
	230.0	214.3	281.6	0.674	102.6	887	0.80	0.008	6.2	66.2
	230.0	215.8	283.4	0.662	98.5	888	0.01	0.000	0.1	64.7

DRAWING NO. PAGE 29 of 32 REV.
5RHU0BG 0

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

Performance Data



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

Performance Data



5RHU0BG

REV.
0

Dayton Manufacturing Company

Motor Description

Model: K055WKM2494 5RHU0BG
Motor ID:
Poles: 8
Volts: 208-230
Frequency: 60
HP: 1/3
Speed: 825
Phase: 1
Protector: 7AM036-A5

Test Conditions

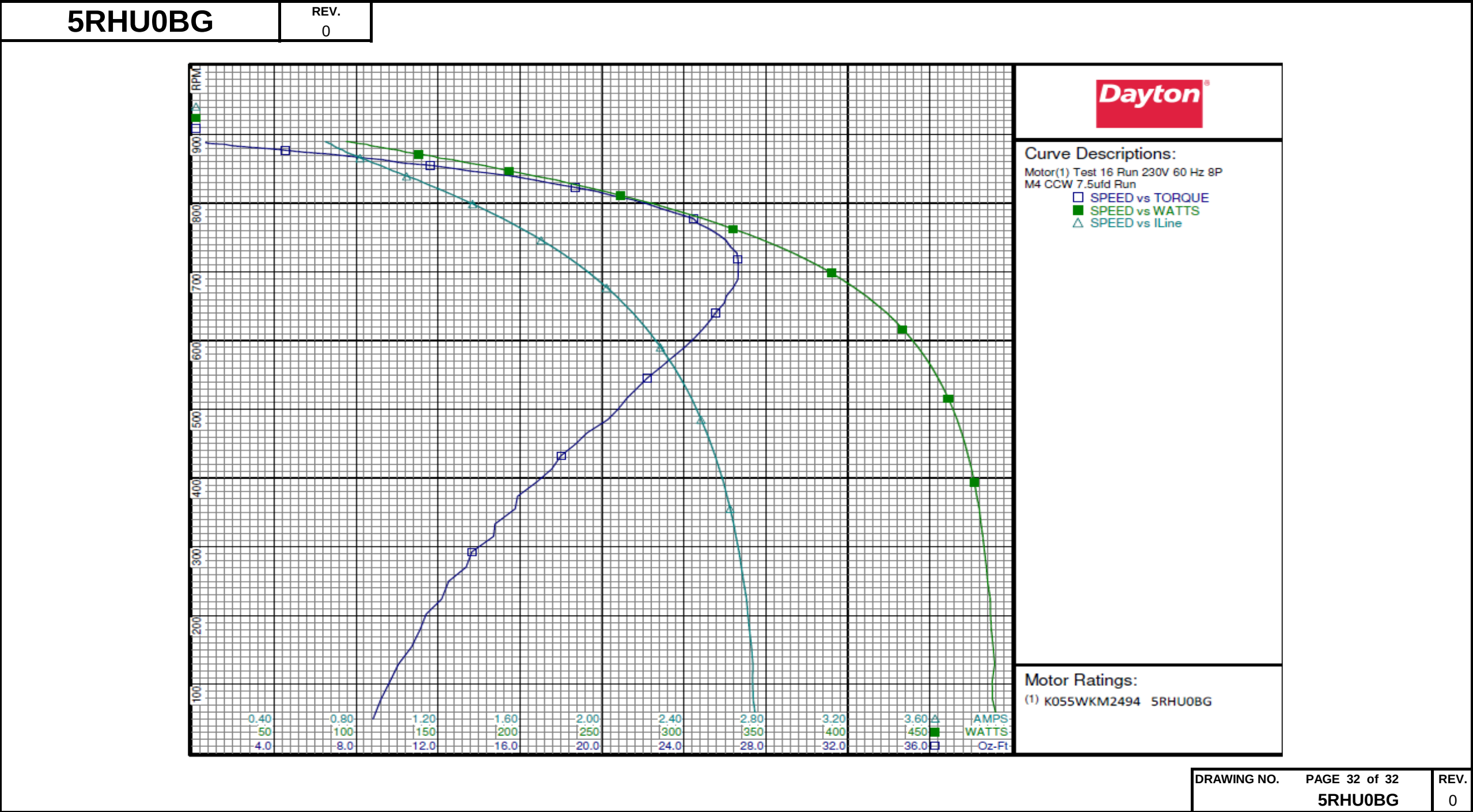
Test Type: Run
Test Number: 16
Poles: 8
Volts: 230
Hz: 60
Rotation: CCW
Special Cond:
Speed Conn: M4
TestBoard: CMD InLine Three Phase #1 Fixture #1
Run Cap: 7.5
Start Cap: 0µfd
Environment: 23.1 Deg C 63 % RH 966 hPa
Tested: 7/2/2016 9:18:44 AM
Tested By: Navarro, Susana
Gear Ratio: 1:1
Bearing Friction: -1.00 Oz-Ft
Windage Torque: -2.37 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	230.0	216.9	284.9	0.650	94.2	889	0.00	0.000	0.0	63.0
	230.0	214.9	282.0	0.670	101.8	886	0.90	0.010	7.0	66.0
	230.0	213.3	279.7	0.690	108.9	883	1.95	0.021	14.1	68.6
	230.0	210.8	276.0	0.722	121.5	878	4.04	0.042	26.0	73.1
	230.0	208.8	273.3	0.751	130.6	874	5.47	0.057	32.5	75.5
	230.0	204.9	268.0	0.805	146.6	868	7.61	0.079	40.0	79.2
	230.0	201.9	264.0	0.846	158.3	863	9.25	0.095	44.8	81.3
	230.0	197.0	257.4	0.918	177.5	855	11.63	0.118	49.7	84.0
	230.0	192.8	252.2	0.981	193.4	847	13.53	0.136	52.6	85.7
	230.0	188.3	246.5	1.048	209.3	839	15.62	0.156	55.6	86.8
17.25 OZ-FT	230.0	183.3	240.2	1.125	227.4	830	17.25	0.170	55.9	87.9
0.167 HP	230.0	184.5	241.6	1.107	223.2	833	16.81	0.167	55.7	87.7
	230.0	182.4	239.0	1.139	230.8	828	17.60	0.174	56.1	88.1
	230.0	176.2	231.7	1.234	252.1	817	19.77	0.192	56.9	88.8
	230.0	170.0	224.6	1.327	272.3	804	21.53	0.206	56.5	89.2
	230.0	164.0	218.1	1.416	290.9	792	22.87	0.216	55.3	89.3
	230.0	157.0	210.9	1.516	311.5	777	24.45	0.226	54.2	89.4
25.13 OZ-FT	230.0	150.9	205.1	1.600	328.2	764	25.13	0.228	51.9	89.2
	230.0	150.3	204.5	1.609	329.8	762	25.23	0.229	51.8	89.1
	230.0	143.3	198.1	1.704	348.2	746	26.03	0.231	49.5	88.8
	230.0	135.9	191.8	1.803	366.4	727	26.57	0.230	46.8	88.4
BDT OZ-FT	230.0	128.8	186.4	1.893	382.2	709	26.64	0.225	43.9	87.8
	230.0	128.8	186.4	1.893	382.2	709	26.64	0.225	43.9	87.8
	230.0	122.1	182.0	1.976	396.1	689	26.62	0.218	41.1	87.2
	230.0	114.4	177.3	2.069	411.1	665	26.06	0.206	37.4	86.4
	230.0	107.6	173.7	2.149	423.4	640	25.54	0.195	34.3	85.7
	230.0	101.5	171.2	2.218	433.4	616	24.92	0.183	31.5	84.9
	230.0	95.3	169.1	2.285	442.6	590	24.03	0.169	28.4	84.2
	230.0	89.1	167.4	2.351	450.9	561	22.87	0.153	25.3	83.4
	230.0	83.6	166.4	2.407	457.8	532	21.77	0.138	22.5	82.7
	230.0	78.2	165.9	2.460	463.9	500	20.78	0.124	19.9	82.0
	230.0	73.1	165.7	2.510	469.2	466	19.27	0.107	17.0	81.3
	230.0	68.5	165.9	2.551	473.1	432	17.99	0.093	14.6	80.6
	230.0	63.9	166.6	2.592	477.0	394	16.80	0.079	12.3	80.0
	230.0	59.8	167.5	2.625	479.9	355	15.77	0.067	10.4	79.5
	230.0	56.1	168.7	2.653	482.1	315	14.71	0.055	8.5	79.0
	230.0	52.4	170.5	2.679	484.3	270	13.37	0.043	6.6	78.6
	230.0	49.6	172.5	2.704	486.8	224	12.17	0.032	5.0	78.3
	230.0	47.2	174.3	2.718	487.3	180	11.13	0.024	3.6	77.9
	230.0	45.0	176.3	2.736	489.3	129	10.06	0.015	2.4	77.8
	230.0	43.1	178.4	2.737	488.0	77	9.20	0.008	1.3	77.5

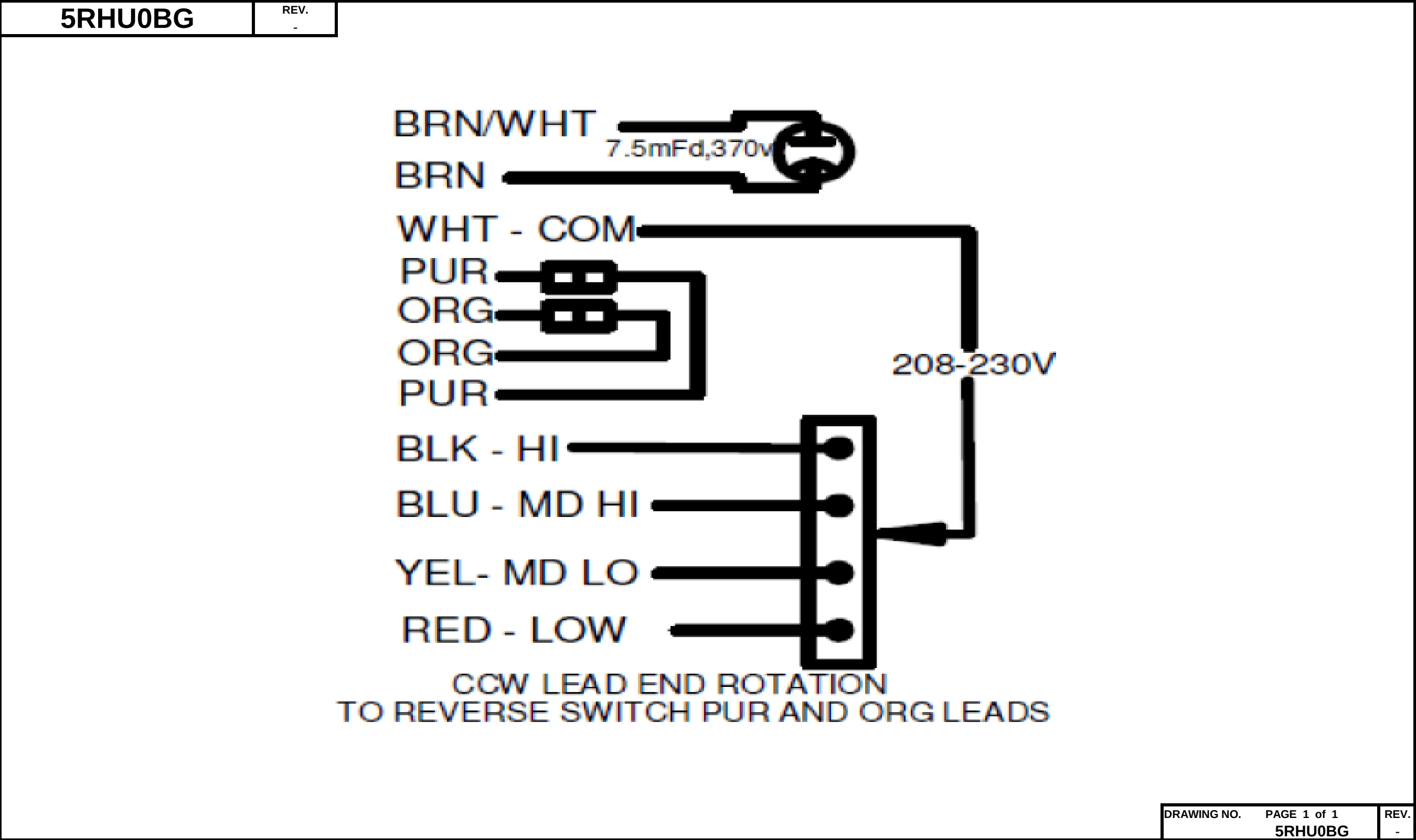
DRAWING NO. PAGE 31 of 32 REV.
5RHU0BG 0

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

Performance Data



Wiring Diagram



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

Dayton[®]**DIRECT DRIVE BLOWER MOTOR**

HP: SEE TABLE VOLTS: 208-230 HZ: 60 PH: 1 SF: 1.0

RPM: 825/4 SPD INS CL: B AMPS: 2.2-1.0 SFA: 2.2-1.0

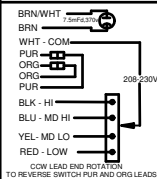
ENCL: OAO DUTY: CONT AMB: 60 °C KVA CODE: A

FR: 48YZ MFG. NO. PROT. CODE: 7A010 AVG. F.L. EFF.

MTR REF: K55HXWKM-2494 THERMALLY PROTECTED: AUTO

Part No: 5RHU0BG

ROTATION: CCW Lead End Rev CAPACITOR: See Table Below

**UL**[®]
E37403**CSA**[®]
258501

MOTOR	CAP MFD/370V		COOL	HEAT	FLA
	208V	230V			
1/3 HP	7.5	7.5	HI	MED- LOW	2.2/2.1
1/4 HP	7.5	7.5	MED- HI	MED- LOW	1.6/1.5
1/5 HP	7.5	7.5	MED- LOW	LOW	1.3/1.2
1/6 HP	7.5	7.5	LOW	LOW	1.1/1.0

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

Made in Mexico