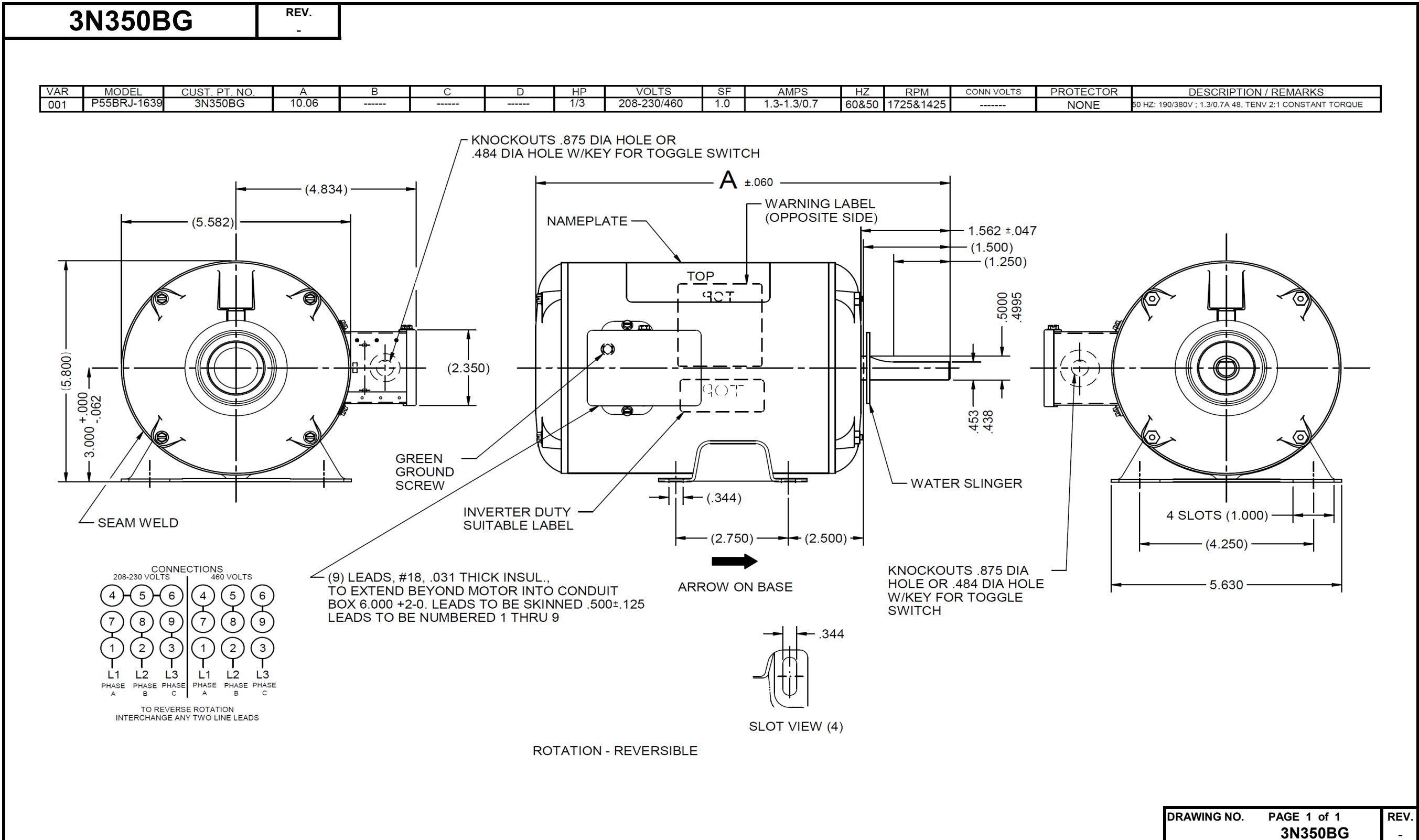


# Dimensional Drawing



DRAWING NO. PAGE 1 of 1 REV.  
3N350BG -

# Performance Data



**3N350BG**

REV.  
-

## MOTOR PERFORMANCE

<b>HP:</b>	1/3HP							
<b>Poles:</b>	2P							
<b>No. of Speeds:</b>	1 Spd							
<b>Volts:</b>	208-230/460V,	<b>230V</b>	<b>460V</b>	<b>190</b>	<b>380</b>			
<b>HZ:</b>	60&50HZ	<b>60</b>	<b>60</b>	<b>50</b>	<b>50</b>			
<b>Service Factor:</b>	1							
<b>Efficiency:</b>	@ Rated Load	72.6	71.5	71.3	71.6			
<b>Power Factor:</b>	@ Rated Load	67.5	68.1	68.9	69.1			
<b>Amps:</b>	@ No Load							
	@ Rated Load	1.3	0.7	1.3	0.6			
	@ Service Factor							
	@ Locked Rotor	9.4	4.8	8.5	4.2			
<b>RPM:</b>	@ Rated Load	1749	1749	1447	1448			
<b>Ambient (°C):</b>	40							
<b>Altitude (FASL):</b>								
<b>Torques:</b>	Breakdown	83	83.2	75	75.2			
	Locked Rotor	69	69.5	66	66			
	Pull-Up	68.8	67.1	64.5	64.5			
	Rated Load	16.2	16.2	16.2	16.2			
	Service Factor	N/A	N/A	N/A	N/A			
<b>Watts:</b>	Rated Load	346	352	292	291			
<b>KVA Code:</b>								
<b>Temperature Rise:</b>	@ Rated Load							
	@ Service Factor							
<b>Thermal Protector:</b>	Trip Temp (°C)							
<b>Winding Material:</b>	Start (Auxiliary)					N/A		
	Run (Main)					Cu		
<b>Capacitor(s):</b>	Start (MFD / Volts)					N/A		
	No. of Start Capacitors							
	Run (MFD / Volts)					N/A		
	No. of Run Capacitors							

### 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 1 REV.  
3N350BG -

# Performance Data



<b>3N350BG</b>	REV. -
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## Dayton Manufacturing Company

### Motor Description

Model: P055BRJ163901  
 Motor ID: 1  
 Poles: 4  
 Volts: 208-230/460  
 Frequency: 60&50  
 HP: 1/3  
 Speed: 1725&1425  
 Phase: 3  
 Protector: NONE

### Test Conditions

Test Type: Start  
 Test Number: 5  
 Poles: 4  
 Volts: 230  
 Hz: 60  
 Rotation: CCW  
 Special Cond:  
 Speed Conn:  
 TestBoard: Amps Performance Fixture #1  
 Run Cap: 0  
 Start Cap: 0µfd  
 Environment:  
 Tested: 6/14/2017 10:10:29 AM  
 Tested By: Sharp, Gerald  
 Gear Ratio: 1:1  
 Bearing Friction: -0.63 Oz-Ft  
 Windage Torque: -2.01 Oz-Ft

Special Points	Vab (V)	Vbc (V)	Vca (V)	Ia (A)	Ib (A)	Ic (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	229.5	229.9	230.5	9.440	9.477	9.529	2539	6	71.47	0.005	0.2	67.2
	229.5	230.0	230.5	9.388	9.417	9.478	2531	40	69.21	0.033	1.0	67.4
<b>PUT OZ-FT</b>	<b>229.5</b>	<b>230.0</b>	<b>230.5</b>	<b>9.220</b>	<b>9.246</b>	<b>9.290</b>	<b>2516</b>	<b>171</b>	<b>68.80</b>	<b>0.140</b>	<b>4.1</b>	<b>68.3</b>
	229.5	230.0	230.5	9.199	9.233	9.274	2515	184	68.95	0.151	4.5	68.4
	229.5	229.9	230.5	9.006	9.028	9.068	2498	318	70.91	0.268	8.0	69.4
	229.5	230.0	230.5	8.782	8.802	8.849	2476	442	72.42	0.381	11.5	70.5
	229.5	230.0	230.5	8.535	8.554	8.604	2446	557	74.88	0.497	15.1	71.7
	229.5	230.0	230.5	8.282	8.297	8.347	2411	664	76.86	0.608	18.8	72.8
	229.5	230.0	230.5	8.018	8.019	8.076	2371	763	78.52	0.714	22.4	74.1
	229.6	229.9	230.5	7.728	7.739	7.788	2324	855	79.89	0.813	26.1	75.3
	229.6	229.9	230.5	7.426	7.435	7.485	2269	940	80.99	0.907	29.8	76.5
	229.6	230.0	230.5	7.114	7.122	7.173	2208	1020	81.67	0.991	33.5	77.7
	229.6	230.0	230.4	6.790	6.796	6.845	2140	1092	81.83	1.064	37.1	78.9
	229.6	230.0	230.4	6.459	6.461	6.511	2065	1160	81.62	1.128	40.7	80.0
	229.6	230.0	230.4	6.117	6.115	6.169	1983	1223	80.96	1.179	44.3	81.2
	229.6	230.0	230.4	5.768	5.765	5.817	1894	1280	79.62	1.213	47.8	82.2
	229.6	230.0	230.4	5.415	5.409	5.465	1798	1334	77.63	1.233	51.1	83.1
	229.5	230.1	230.4	5.066	5.056	5.113	1700	1382	75.46	1.241	54.5	84.0
	229.5	230.1	230.4	4.717	4.705	4.762	1597	1426	72.47	1.231	57.5	84.8
	229.5	230.1	230.4	4.371	4.364	4.417	1490	1467	69.05	1.206	60.4	85.3
	229.5	230.2	230.4	4.029	4.021	4.073	1382	1505	65.35	1.171	63.2	85.8
	229.5	230.1	230.4	3.698	3.686	3.740	1272	1539	61.15	1.120	65.7	86.1
	229.5	230.1	230.4	3.374	3.361	3.415	1162	1571	56.66	1.059	68.0	86.2
	229.4	230.2	230.4	3.063	3.048	3.104	1054	1600	52.11	0.993	70.2	86.2
	229.5	230.2	230.4	2.764	2.748	2.803	946	1627	47.26	0.915	72.2	85.7
	229.5	230.1	230.4	2.473	2.455	2.512	837	1652	41.78	0.821	73.2	84.7
	229.4	230.2	230.4	2.200	2.182	2.239	733	1675	36.78	0.733	74.7	83.3
	229.4	230.2	230.4	1.937	1.919	1.977	630	1696	31.33	0.633	74.9	81.4
	229.4	230.2	230.4	1.673	1.656	1.714	522	1717	25.73	0.526	75.2	77.9
	229.4	230.2	230.4	1.454	1.441	1.499	421	1737	20.11	0.416	73.6	72.2
	229.4	230.2	230.4	1.222	1.214	1.271	311	1756	13.87	0.290	69.5	63.2
	229.3	230.2	230.4	1.047	1.043	1.096	210	1776	7.84	0.166	59.0	49.6
	229.3	230.2	230.4	0.937	0.934	0.977	107	1794	1.83	0.039	27.1	28.3
	229.3	230.3	230.4	0.912	0.909	0.950	68	1801	0.00	0.000	0.0	18.4

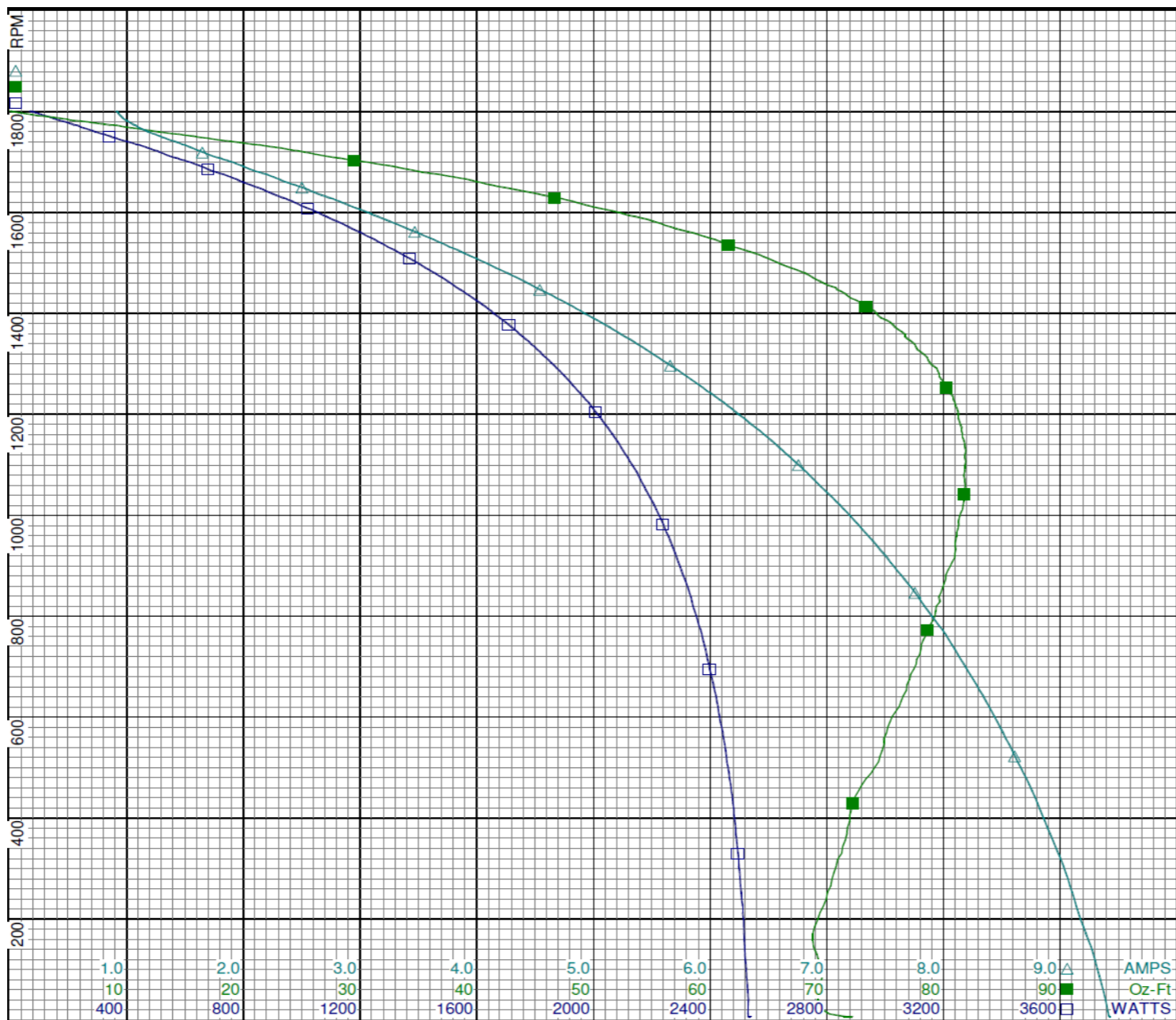
DRAWING NO.	PAGE 1 of 8	REV.
	<b>3N350BG</b>	-

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

# Performance Data



**3N350BG**      REV. -



**Curve Descriptions:**  
 Motor(1) Test 5 Start 230V 60 Hz 4P  
 CCW  
 □ SPEED vs WATTS  
 ■ SPEED vs TORQUE  
 △ SPEED vs Ia

**Motor Ratings:**  
 (1) P055BRJ163901 ID: 1

DRAWING NO.	PAGE 2 of 8	REV.
3N350BG		-

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



# Performance Data



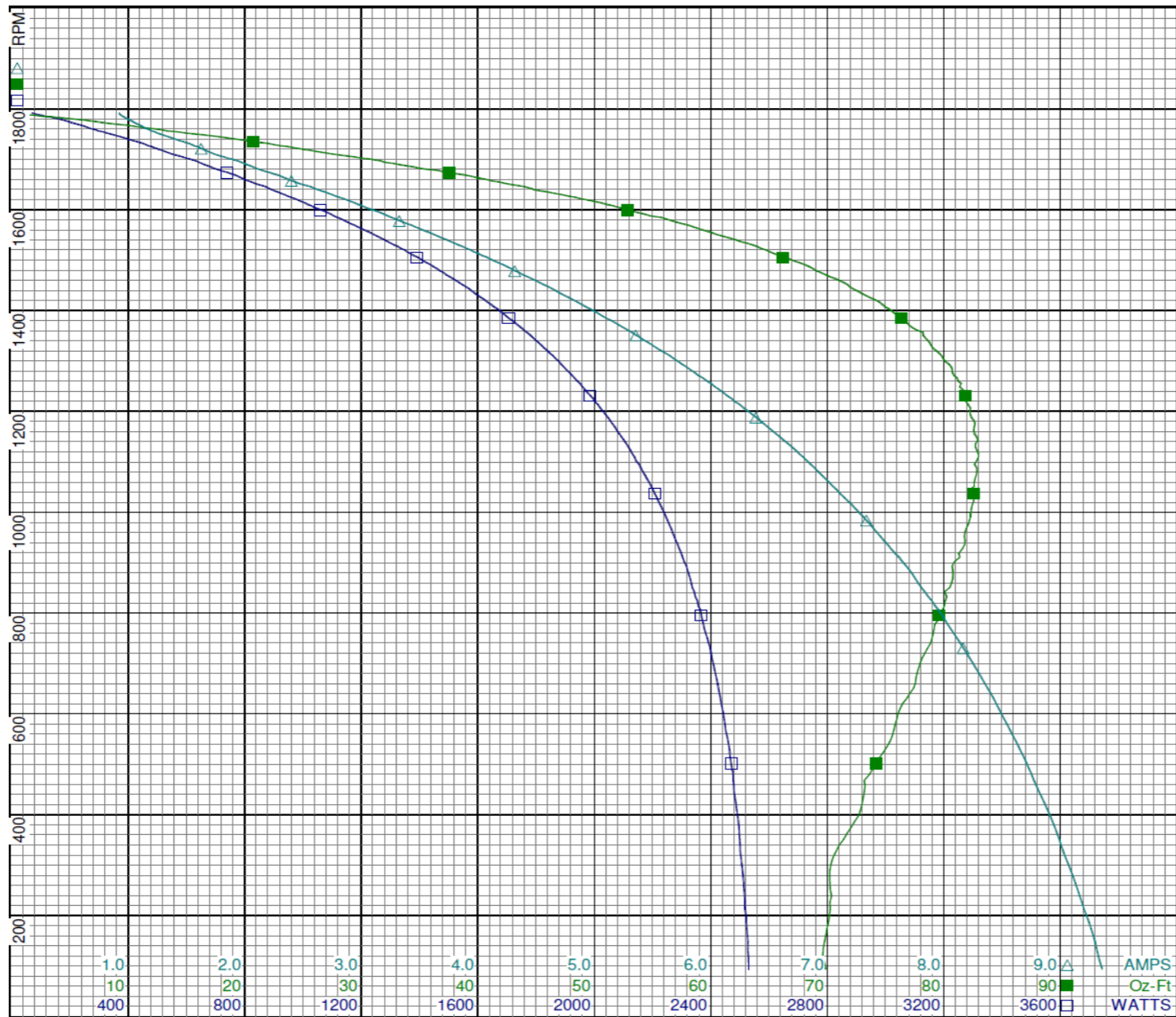
3N350BG		REV.	Dayton Manufacturing Company										
Motor Description			Test Conditions										
Model:	P055BRJ163901		Test Type:	Run			Run Cap:	0					
Motor ID:	1		Test Number:	6			Start Cap:	0µfd					
Poles:	4		Poles:	4			Environment:						
Volts:	208-230/460		Volts:	230			Tested:	6/14/2017 9:54:33 AM					
Frequency:	60&50		Hz:	60			Tested By:	Sharp, Gerald					
HP:	1/3		Rotation:	CCW			Gear Ratio:	1:1					
Speed:	1725&1425		Special Cond:										
Phase:	3		Speed Conn:										
Protector:	NONE		TestBoard:	Amps Performance Fixture #1									
Special Points	Vab (V)	Vbc (V)	Vca (V)	Ia (A)	Ib (A)	Ic (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)	
	229.5	230.5	230.0	0.921	0.900	0.947	70	1792	0.00	0.000	0.0	19.0	
	229.6	230.4	230.0	1.055	1.029	1.083	207	1772	7.86	0.166	59.9	49.1	
	229.6	230.4	230.0	1.247	1.216	1.271	325	1752	14.86	0.310	71.2	65.5	
<b>16.2 OZ-FT</b>	<b>229.6</b>	<b>230.4</b>	<b>230.0</b>	<b>1.289</b>	<b>1.260</b>	<b>1.313</b>	<b>346</b>	<b>1749</b>	<b>16.20</b>	<b>0.337</b>	<b>72.6</b>	<b>67.5</b>	
<b>0.33 HP</b>	<b>229.6</b>	<b>230.4</b>	<b>230.0</b>	<b>1.279</b>	<b>1.249</b>	<b>1.303</b>	<b>341</b>	<b>1750</b>	<b>15.84</b>	<b>0.330</b>	<b>72.1</b>	<b>67.1</b>	
	229.6	230.5	229.9	1.496	1.459	1.513	441	1733	21.41	0.442	74.8	74.3	
<b>1725 RPM</b>	<b>229.7</b>	<b>230.4</b>	<b>229.9</b>	<b>1.591</b>	<b>1.559</b>	<b>1.609</b>	<b>480</b>	<b>1725</b>	<b>23.65</b>	<b>0.486</b>	<b>75.5</b>	<b>75.9</b>	
	229.6	230.1	230.2	1.713	1.696	1.741	539	1713	26.86	0.548	75.8	78.8	
	229.8	230.1	230.1	1.996	1.979	2.015	653	1691	32.79	0.660	75.5	82.0	
	229.8	230.1	230.1	2.275	2.258	2.293	764	1669	38.77	0.770	75.2	84.3	
	229.9	230.2	230.0	2.568	2.545	2.577	873	1645	44.05	0.863	73.8	85.4	
	230.1	230.2	229.7	2.881	2.856	2.871	984	1619	49.47	0.953	72.3	86.1	
	230.1	230.1	229.8	3.196	3.173	3.186	1096	1591	54.32	1.029	70.0	86.4	
	230.1	230.1	229.8	3.527	3.505	3.515	1210	1560	59.30	1.101	67.9	86.4	
	230.1	230.1	229.7	3.869	3.849	3.858	1326	1527	63.97	1.163	65.4	86.2	
	230.2	230.1	229.7	4.214	4.197	4.202	1437	1491	68.05	1.208	62.7	85.8	
	230.2	230.1	229.7	4.569	4.554	4.558	1548	1451	71.76	1.239	59.7	85.2	
	230.2	230.1	229.7	4.926	4.911	4.914	1655	1407	74.94	1.256	56.6	84.5	
	230.2	230.0	229.8	5.288	5.273	5.276	1759	1361	77.68	1.258	53.4	83.7	
	230.2	230.0	229.7	5.647	5.633	5.634	1858	1310	79.80	1.245	50.0	82.7	
	230.2	230.0	229.8	6.002	5.989	5.990	1951	1255	81.50	1.217	46.6	81.7	
	230.3	230.0	229.7	6.354	6.342	6.344	2038	1194	82.27	1.169	42.8	80.6	
	230.3	229.9	229.7	6.695	6.685	6.685	2117	1129	82.71	1.112	39.2	79.4	
<b>BDT OZ-FT</b>	<b>230.3</b>	<b>230.0</b>	<b>229.7</b>	<b>6.761</b>	<b>6.753</b>	<b>6.753</b>	<b>2131</b>	<b>1115</b>	<b>82.97</b>	<b>1.102</b>	<b>38.6</b>	<b>79.2</b>	
	230.3	229.9	229.8	7.015	7.016	7.017	2188	1059	82.61	1.041	35.5	78.3	
	230.2	230.0	229.8	7.338	7.330	7.336	2252	983	82.20	0.962	31.9	77.1	
	230.2	230.0	229.8	7.647	7.639	7.647	2309	901	80.89	0.868	28.0	75.8	
	230.1	230.0	229.9	7.926	7.921	7.932	2358	814	80.04	0.775	24.5	74.7	
	230.2	229.9	229.9	8.196	8.190	8.207	2401	720	78.37	0.672	20.9	73.5	
	230.2	229.9	229.9	8.448	8.446	8.458	2436	620	76.47	0.565	17.3	72.3	
	230.1	229.9	229.9	8.688	8.686	8.697	2467	513	74.47	0.455	13.8	71.3	
	230.1	229.9	229.9	8.912	8.910	8.923	2492	398	72.68	0.344	10.3	70.2	
	230.1	230.0	229.9	9.109	9.110	9.124	2511	276	70.20	0.231	6.9	69.2	
	230.1	230.0	229.9	9.298	9.302	9.299	2527	147	69.75	0.122	3.6	68.2	

DRAWING NO.	PAGE 3 of 8	REV.
	3N350BG	-

# Performance Data



**3N350BG**      REV. -



**Dayton**

**Curve Descriptions:**  
 Motor(1) Test 6 Run 230V 60 Hz 4P  
 CCW

- SPEED vs WATTS
- SPEED vs TORQUE
- △ SPEED vs Ia

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**Motor Ratings:**  
 (1) P055BRJ163901 ID: 1

DRAWING NO.	PAGE 4 of 8	REV.
	<b>3N350BG</b>	-

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

# Performance Data



**3N350BG**      REV.  
-

## Dayton Manufacturing Company

### Motor Description

Model: P055BRJ163901  
 Motor ID: 1  
 Poles: 4  
 Volts: 208-230/460  
 Frequency: 60&50  
 HP: 1/3  
 Speed: 1725&1425  
 Phase: 3  
 Protector: NONE

### Test Conditions

Test Type: Start      Run Cap: 0  
 Test Number: 9      Start Cap: 0µfd  
 Poles: 4      Environment:  
 Volts: 460      Tested: 6/15/2017 10:20:38 AM  
 Hz: 60      Tested By: Sharp, Gerald  
 Rotation: CCW      Gear Ratio: 1:1  
 Special Cond:      Bearing Friction: -0.48 Oz-Ft  
 Speed Conn:      Windage Torque: -2.18 Oz-Ft  
 TestBoard: Amps Performance Fixture #1

Special Points	Vab (V)	Vbc (V)	Vca (V)	Ia (A)	Ib (A)	Ic (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
PUT OZ-FT	458.9	460.9	460.1	4.771	4.764	4.774	2544	7	67.11	0.006	0.2	67.0
	459.0	460.8	460.2	4.740	4.736	4.748	2535	41	70.02	0.034	1.0	67.1
	459.0	460.8	460.2	4.656	4.633	4.650	2522	185	69.64	0.154	4.5	68.1
	458.9	460.9	460.1	4.549	4.533	4.554	2505	318	70.82	0.268	8.0	69.2
	459.0	460.9	460.1	4.439	4.419	4.443	2484	442	72.72	0.382	11.5	70.3
	458.9	461.0	460.1	4.315	4.295	4.320	2455	557	75.05	0.498	15.1	71.5
	458.9	461.0	460.1	4.186	4.165	4.190	2421	664	77.16	0.610	18.8	72.7
	459.0	460.8	460.2	4.050	4.032	4.051	2380	763	78.72	0.715	22.4	73.9
	459.1	460.9	460.0	3.907	3.886	3.909	2334	855	80.17	0.816	26.1	75.1
	459.0	460.9	460.0	3.755	3.731	3.756	2279	941	81.51	0.913	29.9	76.3
	459.0	460.9	460.1	3.598	3.574	3.600	2219	1020	82.11	0.997	33.5	77.6
	459.0	460.9	460.1	3.434	3.410	3.435	2151	1093	82.31	1.071	37.1	78.8
	459.1	460.9	460.0	3.267	3.241	3.266	2075	1161	82.04	1.134	40.8	80.0
	459.0	461.0	460.0	3.095	3.070	3.094	1994	1223	81.45	1.185	44.4	81.1
	459.0	461.0	460.0	2.919	2.893	2.917	1904	1280	80.22	1.223	47.9	82.1
	459.1	461.0	459.9	2.742	2.715	2.739	1809	1333	78.21	1.241	51.2	83.1
	459.0	461.1	459.9	2.566	2.537	2.563	1710	1382	75.80	1.247	54.4	84.0
	459.0	461.1	460.0	2.389	2.360	2.386	1606	1427	72.97	1.239	57.6	84.8
	459.0	461.1	459.9	2.216	2.190	2.213	1500	1467	69.55	1.215	60.4	85.3
	459.0	461.1	459.9	2.043	2.016	2.041	1390	1505	65.54	1.174	63.0	85.8
	458.9	461.1	459.9	1.876	1.849	1.873	1280	1539	61.40	1.125	65.6	86.1
	459.0	461.0	460.0	1.711	1.687	1.708	1170	1571	57.03	1.067	68.0	86.3
	458.9	461.1	460.0	1.553	1.529	1.552	1060	1600	52.44	0.999	70.3	86.1
	458.8	461.1	460.0	1.400	1.376	1.400	951	1627	47.28	0.916	71.8	85.8
	458.9	461.1	460.0	1.253	1.231	1.254	844	1651	42.20	0.829	73.3	85.0
	458.9	461.1	460.0	1.115	1.089	1.117	739	1675	37.22	0.742	74.9	83.7
	458.9	461.1	460.0	0.978	0.952	0.982	629	1697	31.31	0.632	75.0	81.3
	458.9	461.2	460.0	0.859	0.834	0.865	529	1717	25.51	0.521	73.6	77.8
	458.9	461.1	460.0	0.733	0.711	0.742	423	1737	20.17	0.417	73.5	72.9
	458.8	461.2	459.9	0.633	0.613	0.645	320	1757	14.28	0.299	69.6	63.8
	458.8	461.2	460.0	0.536	0.521	0.551	207	1775	7.58	0.160	57.6	48.5
	458.8	461.1	460.0	0.471	0.461	0.486	100	1794	1.01	0.022	16.1	26.6
	458.8	461.1	460.1	0.460	0.450	0.474	71	1800	0.00	0.000	0.0	19.2

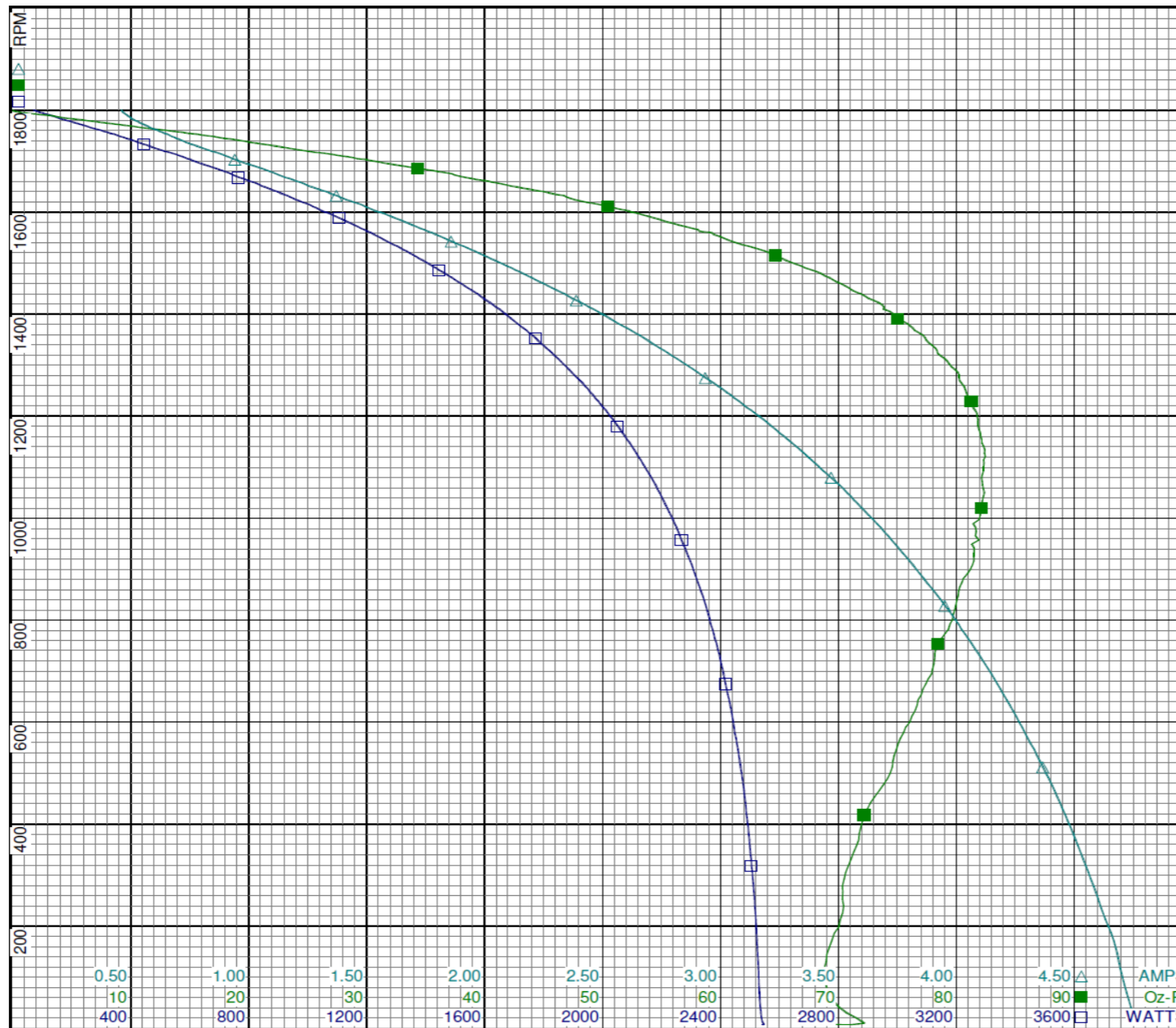
DRAWING NO.      PAGE 5 of 8      REV.  
**3N350BG**      -

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

# Performance Data



**3N350BG**      REV.  
-



**Curve Descriptions:**  
 Motor(1) Test 9 Start 460V 60 Hz 4P  
 CCW  
 □ SPEED vs WATTS  
 ■ SPEED vs TORQUE  
 △ SPEED vs Ia

**Motor Ratings:**  
 (1) P055BRJ163901 ID: 1

DRAWING NO.	PAGE 6 of 8	REV.
	<b>3N350BG</b>	-

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



# Performance Data



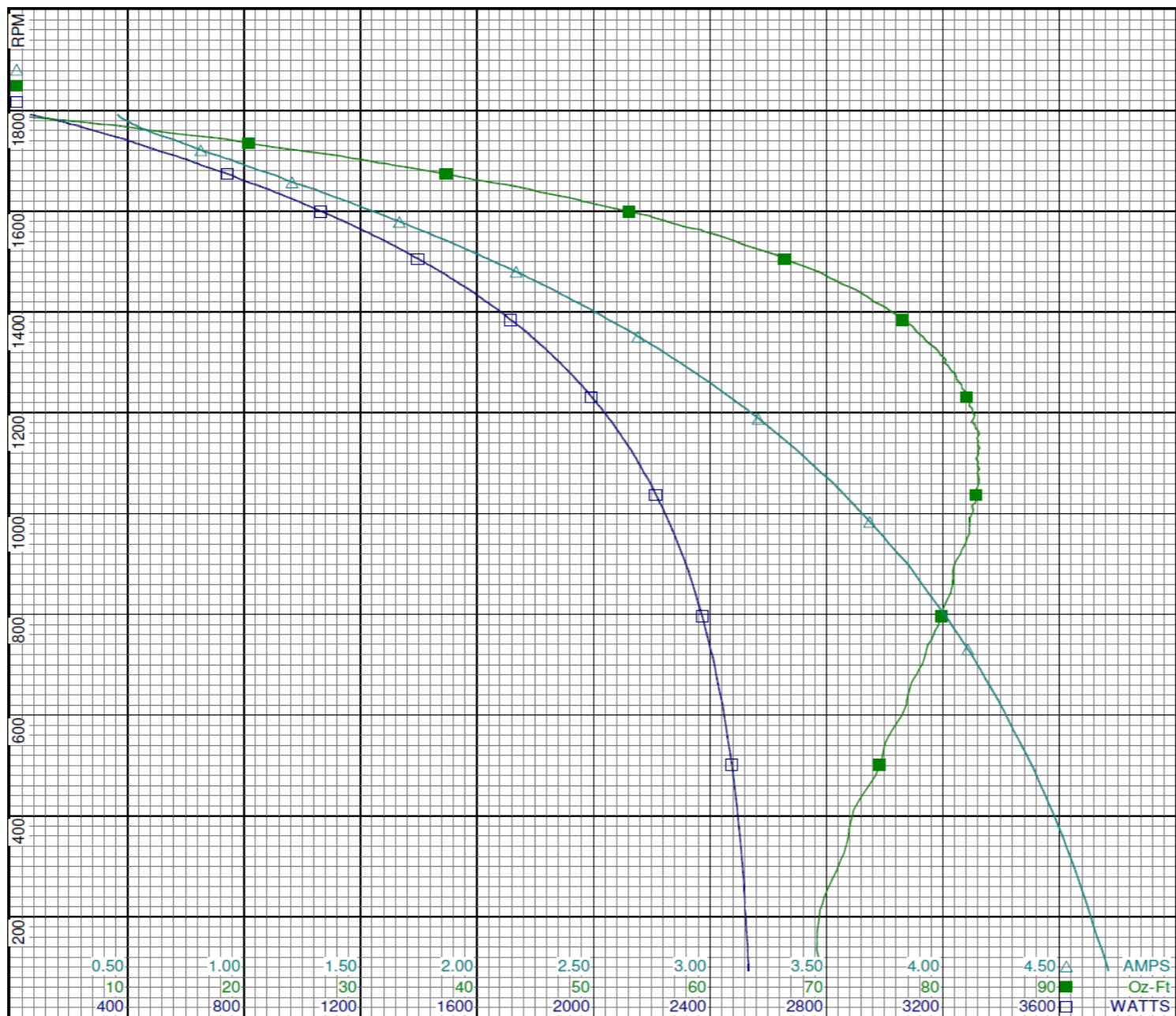
3N350BG		REV.	Dayton Manufacturing Company									
Motor Description		Test Conditions										
Model:	P055BRJ163901	Test Type:	Run	Run Cap:	0							
Motor ID:	1	Test Number:	10	Start Cap:	0µfd							
Poles:	4	Poles:	4	Environment:								
Volts:	208-230/460	Volts:	460	Tested:	6/15/2017 9:25:09 AM							
Frequency:	60&50	Hz:	60	Tested By:	Sharp, Gerald							
HP:	1/3	Rotation:	CCW	Gear Ratio:	1:1							
Speed:	1725&1425	Special Cond:		Bearing Friction:	-0.53 Oz-Ft							
Phase:	3	Speed Conn:		Windage Torque:	-2.23 Oz-Ft							
Protector:	NONE	TestBoard:	Amps Performance Fixture #1									
Special Points	Vab (V)	Vbc (V)	Vca (V)	Ia (A)	Ib (A)	Ic (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	459.4	460.6	460.0	0.457	0.448	0.468	66	1792	0.00	0.000	0.0	18.2
	459.4	460.6	460.0	0.520	0.508	0.529	203	1772	7.59	0.160	58.9	49.0
	459.4	460.6	460.0	0.625	0.610	0.631	327	1752	14.55	0.304	69.3	66.0
<b>16.2 OZ-FT</b>	<b>459.4</b>	<b>460.6</b>	<b>460.0</b>	<b>0.650</b>	<b>0.637</b>	<b>0.657</b>	<b>352</b>	<b>1749</b>	<b>16.20</b>	<b>0.337</b>	<b>71.5</b>	<b>68.1</b>
<b>0.33 HP</b>	<b>459.4</b>	<b>460.6</b>	<b>460.0</b>	<b>0.645</b>	<b>0.631</b>	<b>0.651</b>	<b>346</b>	<b>1749</b>	<b>15.85</b>	<b>0.330</b>	<b>71.0</b>	<b>67.7</b>
	459.3	460.7	460.0	0.748	0.732	0.753	438	1733	20.84	0.430	73.3	73.8
<b>1725 RPM</b>	<b>459.3</b>	<b>460.7</b>	<b>460.0</b>	<b>0.792</b>	<b>0.777</b>	<b>0.798</b>	<b>477</b>	<b>1725</b>	<b>23.17</b>	<b>0.476</b>	<b>74.4</b>	<b>75.9</b>
	459.3	460.6	460.0	0.866	0.849	0.869	544	1713	27.13	0.553	75.8	79.3
	459.3	460.7	460.0	1.002	0.984	1.004	651	1691	32.73	0.659	75.5	82.1
	459.5	460.5	460.1	1.147	1.130	1.147	766	1669	38.34	0.762	74.2	84.2
	458.9	460.7	460.4	1.292	1.274	1.294	875	1645	44.15	0.864	73.7	85.4
	459.0	460.8	460.2	1.443	1.426	1.444	987	1619	49.05	0.945	71.5	86.1
	459.0	460.7	460.3	1.603	1.584	1.602	1100	1591	54.78	1.038	70.4	86.5
	459.1	460.7	460.2	1.772	1.753	1.771	1216	1560	59.44	1.104	67.7	86.5
	459.1	460.7	460.3	1.942	1.922	1.939	1329	1527	63.78	1.159	65.1	86.2
	459.1	460.6	460.2	2.117	2.098	2.114	1442	1491	68.02	1.207	62.4	85.8
	459.1	460.7	460.2	2.296	2.277	2.293	1554	1451	71.82	1.241	59.6	85.2
	459.2	460.6	460.2	2.474	2.456	2.470	1662	1408	75.10	1.259	56.5	84.5
	459.2	460.5	460.3	2.656	2.640	2.653	1767	1361	77.73	1.260	53.2	83.7
	459.3	460.5	460.3	2.836	2.821	2.833	1865	1309	80.07	1.248	49.9	82.7
	459.3	460.4	460.3	3.015	3.001	3.012	1959	1255	81.62	1.219	46.4	81.7
	459.3	460.4	460.3	3.191	3.176	3.189	2045	1195	82.72	1.176	42.9	80.6
<b>BDT OZ-FT</b>	<b>459.3</b>	<b>460.4</b>	<b>460.3</b>	<b>3.363</b>	<b>3.349</b>	<b>3.360</b>	<b>2124</b>	<b>1130</b>	<b>83.15</b>	<b>1.118</b>	<b>39.3</b>	<b>79.4</b>
	459.3	460.4	460.3	3.363	3.349	3.360	2124	1130	83.15	1.118	39.3	79.4
	459.3	460.4	460.3	3.530	3.513	3.525	2195	1059	83.09	1.048	35.6	78.2
	459.4	460.4	460.3	3.686	3.674	3.685	2258	983	82.31	0.964	31.8	77.0
	459.3	460.4	460.3	3.843	3.831	3.841	2315	902	81.04	0.870	28.0	75.7
	459.3	460.4	460.3	3.983	3.971	3.982	2364	815	80.09	0.777	24.5	74.6
	459.3	460.4	460.3	4.122	4.110	4.118	2407	721	78.49	0.673	20.9	73.4
	459.3	460.4	460.3	4.248	4.238	4.249	2443	620	76.87	0.568	17.3	72.2
	459.3	460.3	460.4	4.368	4.358	4.368	2472	513	74.76	0.456	13.8	71.1
	459.3	460.4	460.3	4.479	4.469	4.478	2495	398	72.20	0.342	10.2	70.0
	459.4	460.4	460.3	4.579	4.572	4.577	2515	277	70.54	0.232	6.9	69.0
	459.3	460.4	460.3	4.672	4.656	4.674	2529	147	69.19	0.121	3.6	68.0

DRAWING NO.	PAGE 7 of 8	REV.
	3N350BG	-

# Performance Data



**3N350BG**      REV. -



**Dayton**

**Curve Descriptions:**  
 Motor(1) Test 10 Run 460V 60 Hz 4P  
 CCW

- SPEED vs WATTS
- SPEED vs TORQUE
- △ SPEED vs Ia

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**Motor Ratings:**  
 (1) P055BRJ163901 ID: 1

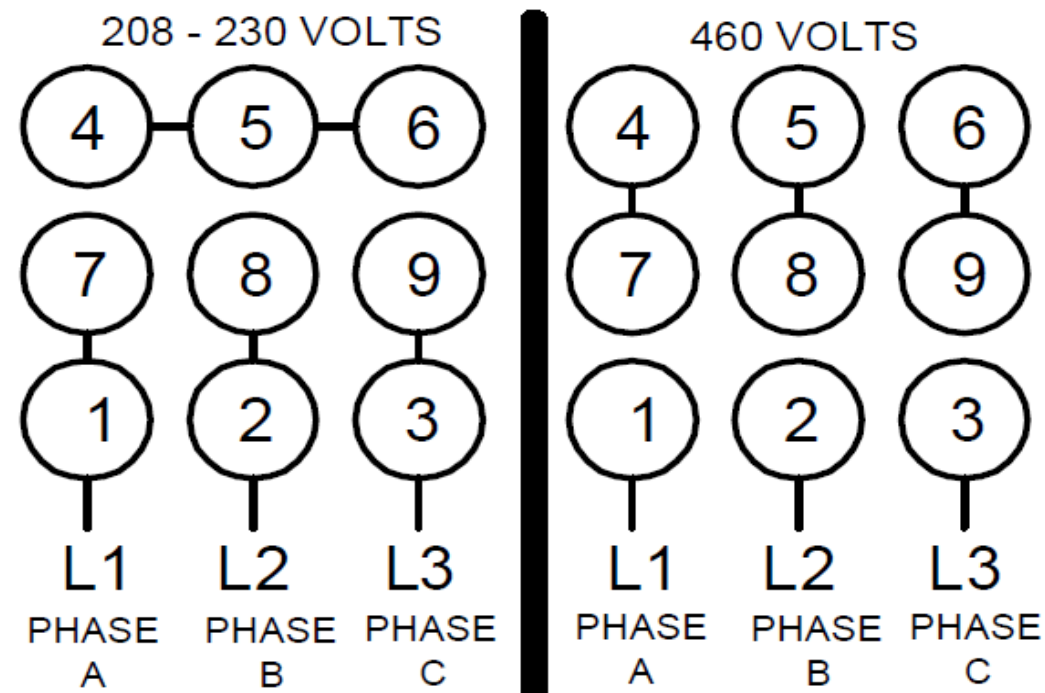
DRAWING NO.	PAGE 8 of 8	REV.
	<b>3N350BG</b>	-

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

3N350BG

REV.  
-

## CONNECTIONS



TO REVERSE ROTATION  
INTERCHANGE ANY TWO LINE LEADS

DRAWING NO.	PAGE 1 of 1	REV.
3N350BG		-

**Dayton**<sup>®</sup>**INDUSTRIAL MOTOR**

HP: 1/3

VOLTS: 208-230/460

AMPS: 1.3-1.3/0.7

RPM: 1725&amp;1425

DUTY: CONT

SF: 1.0

KVA CODE: N

ENCL: TENV

THERMALLY PROTECTED: NONE

MFG. NO.  PROT. CODE:  

MTR REF: P55BRJ-1639

50 HZ: 190/380V 1.3/0.7A



Part No 3N350BG

PH: 3

HZ: 60&amp;50

FR: 48

INS CL: B

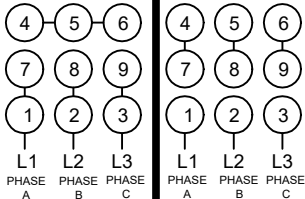
AMB: 40 °C

SFA: 1.3-1.3/0.7

AVG. F.L.  
EFF. 72**Disconnect Power Before Making Any  
Electrical Connections or Changes****CONNECTIONS**

208 - 230 VOLTS

460 VOLTS

TO REVERSE ROTATION  
INTERCHANGE ANY TWO LINE LEADS

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

Made in Mexico