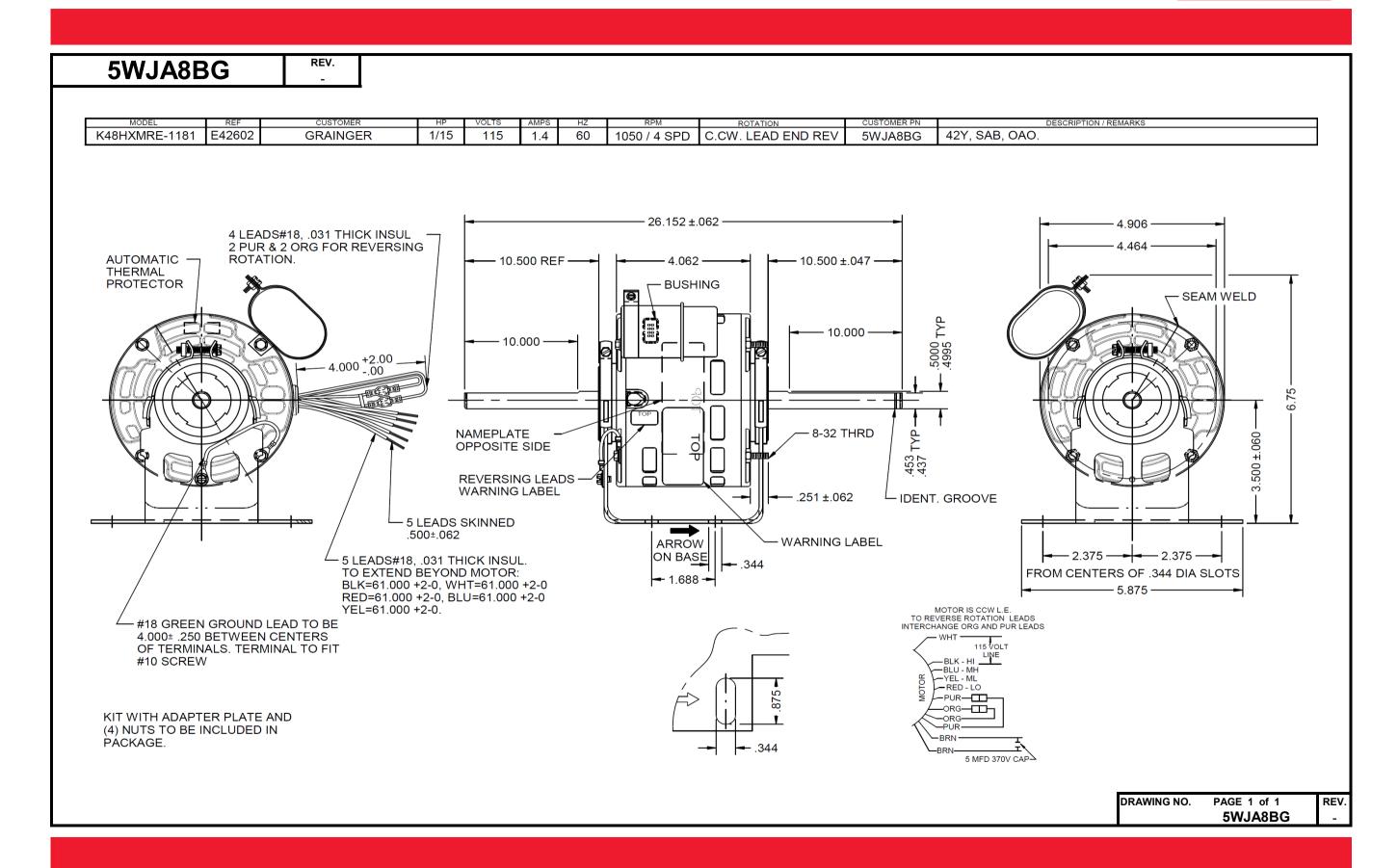
Dimensional Drawing





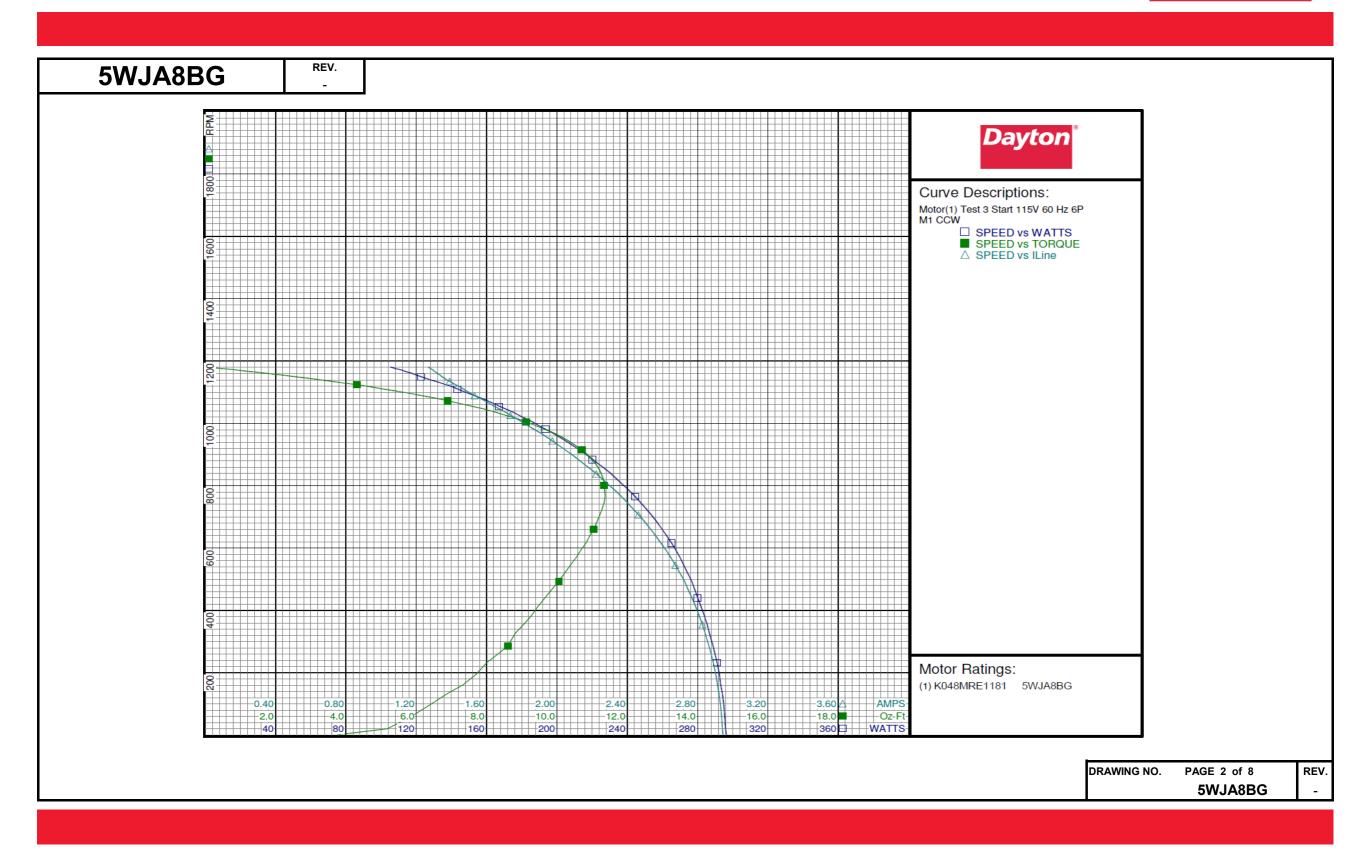


5WJA8B	G	REV.												
		MOTO	R PER	FORM	ANCE									
HP:	1/15 HP		_											
Poles:	6P													
No. of Speeds:	1speed		Hi	Hi-Med	Med-low	Low								
								-						
Volts: HZ:	115 V 60		115 V 60	115 V 60	115 V 60	115 V 60		-						
Service Factor:	1		60	60	60	60								
Efficiency:	@ Rated Load	1												
Power Factor:	@ Rated Load													
Amps:	@ No Load	4												
Allipo.	@ Rated Load	1	1.414	1.083	0.877	0.698								
	@ Service Fac		1.414	1.083	0.877	0.698								
	@ Locked Rot		2.941	2.494	2.139	1.863								
RPM:	@ Rated Load	<u> </u>	1077	1095	1113	1142								
Ambient (°C):	60				_		•		•					
Altitude (FASL):														
Torques:	Breakdown		9.402	7.903	6.66	5.733								
•	Locked Rotor		5.174	4.763	3.766	2.968								
	Pull-Up	5.174	4.763	3.766	2.968									
	Rated Load	5.224	3.855	2.528	1.232									
	Service Facto	r	5.224	3.855	2.528	1.232								
Watts:	Rated Load		115.1	86.3	66.4	47.74								
KVA Code:	<u> </u>													
Temperature Rise:	@ Rated Load													
	@ Service Factor													
Thermal Protector:	Trip Temp (°C)													
Winding Material:	Start (Auxiliary	/)				Cu								
O	Run (Main)	/alta\		Cu N/A										
Capacitor(s):	Start (MFD / V	IN/A												
	No. of Start Ca			5 m	Fd, 370v	,								
	No. of Run Ca			311	iru, 370v									
	No. or Run Ca													
PERFORMANCE	DATA:						!		!					
HP:														
Poles:														
Volts:														
HZ:														
Efficiency:	@ Rated Load													
Power Factor:	@ Rated Load	<u> </u>					ļ							
Amps:	@ No Load													
	@ Rated Load													
	@ Service Fac			ļ			ļ							
_		@ Locked Rotor												
Torques:	@ Rated Load	1					ļ	-						
	Locked Rotor													
	Pull-Up	+	-			-								
	Rated Load	+	-											
Watter	Service Facto		+					+						
Watts:	@ Rated Load @ Rated Load													
Temperature Rise:	@ Service Fac		+				 	+						
	Service rai	JiOi												
								DRAWING	NO. PAGE 1 of 1					



5WJA8BG	REV.											
				Day	ton Ma	nufactı	ıring Con	npany				
Motor Des		_										
Model: Motor ID: Poles: Volts: Frequency: HP: Speed: Phase: Protector:	6 115 60 1/15 1075 1 7AM036-A5			Test Type: Test Number: Poles: Volts: Hz: Rotation: Special Cond: Speed Conn: TestBoard:	Start 3 6 115 60 CCW		Run Cap: Start Cap: Environment: Tested: Tested By: Gear Ratio: Bearing Friction: Windage Torque: Phase #2 Fixture #1		11/7/2016 1 Navarro, St 1:1 -0.41 Oz-Ft	t e		
Special Points	Vline(V)	Vaux (V)	Vcap (V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	нр	Eff(%)	PF(%)		
	115.0 115.0	86.6 94.1	148.1 147.1	2.941 2.930	295.8 294.9	20 96	5.174 6.376	0.001	0.3 1.8	87.5 87.5		
	115.0	100.8	146.6	2.913	293.1	160	7.320	0.014	3.6	87.5		
	115.0	109.2	147.1	2.889	291.0	232	8.003	0.022	5.7	87.6		
	115.0	116.1	148.2	2.864	288.7	287	8.608	0.029	7.6	87.7		
	115.0 115.0	125.2 134.0	150.2 153.1	2.827 2.787	285.4 281.8	354 414	9.047 9.468	0.038	10.0 12.3	87.8 87.9		
	115.0	143.9	157.6	2.744	278.2	468	9.862	0.055	14.7	88.2		
	115.0	152.9	162.5	2.698	274.3	520	10.222	0.063	17.2	88.4		
	115.0	162.7	168.5	2.647	269.9	570	10.547	0.072	19.8	88.7		
	115.0	172.9	175.1	2.592	265.1	616	10.826	0.079	22.3	89.0		
	115.0 115.0	182.9 194.2	182.2 190.7	2.531 2.463	259.7 253.5	661 707	11.054 11.219	0.087	25.0 27.8	89.2 89.5		
	115.0	204.3	198.5	2.399	247.6	746	11.341	0.101	30.3	89.7		
	115.0	215.3	207.6	2.329	240.9	785	11.354	0.106	32.9	90.0		
	115.0	226.2	216.8	2.258	234.0	821	11.316	0.111	35.3	90.1		
	115.0 115.0	236.5 246.7	225.9 235.3	2.191 2.120	227.4	853 884	11.199 10.979	0.114	37.3 39.1	90.2 90.4		
	115.0	258.0	245.9	2.044	212.4	916	10.703	0.117	41.0	90.4		
	115.0	268.2	255.9	1.973	204.9	944	10.329	0.116	42.2	90.3		
	115.0	278.3	265.8	1.903	197.3	969	9.895	0.114	43.2	90.1		
	115.0	288.0	275.8	1.835	189.7	992	9.395	0.111	43.7	89.9		
	115.0 115.0	297.9 306.1	286.2 294.9	1.765 1.707	181.9 175.1	1016 1035	8.835 8.249	0.107 0.102	43.8 43.3	89.6 89.2		
	115.0	315.1	304.8	1.642	167.1	1055	7.567	0.095	42.4	88.5		
	115.0	322.8	313.3	1.589	160.5	1072	6.892	0.088	40.9	87.8		
	115.0	330.7	322.5	1.532	152.9	1089	6.146	0.080	38.9	86.8		
	115.0 115.0	338.4 343.8	331.2 337.7	1.485 1.447	146.1 140.6	1104 1117	5.413 4.701	0.071 0.062	36.3 33.2	85.5 84.4		
	115.0	349.1	344.8	1.408	134.1	1129	3.950	0.053	29.5	82.8		
	115.0	354.6	351.7	1.371	127.7	1140	3.234	0.044	25.6	81.0		
	115.0	359.1	357.1	1.346	122.8	1149	2.552	0.035	21.2	79.3		
	115.0 115.0	362.1 365.1	361.5 366.0	1.325 1.305	118.4 114.0	1158 1166	1.918 1.305	0.026 0.018	16.7 11.8	77.7 76.0		
	115.0	367.4	369.4	1.291	110.6	1172	0.794	0.011	7.5	74.5		
	115.0	369.4	372.6	1.274	106.8	1178	0.267	0.004	2.6	72.9		
	115.0	370.4	374.2	1.268	105.1	1181	0.000	0.000	0.0	72.1		
										DRAWING NO.	PAGE 1 of 8	
											5WJA8BG	

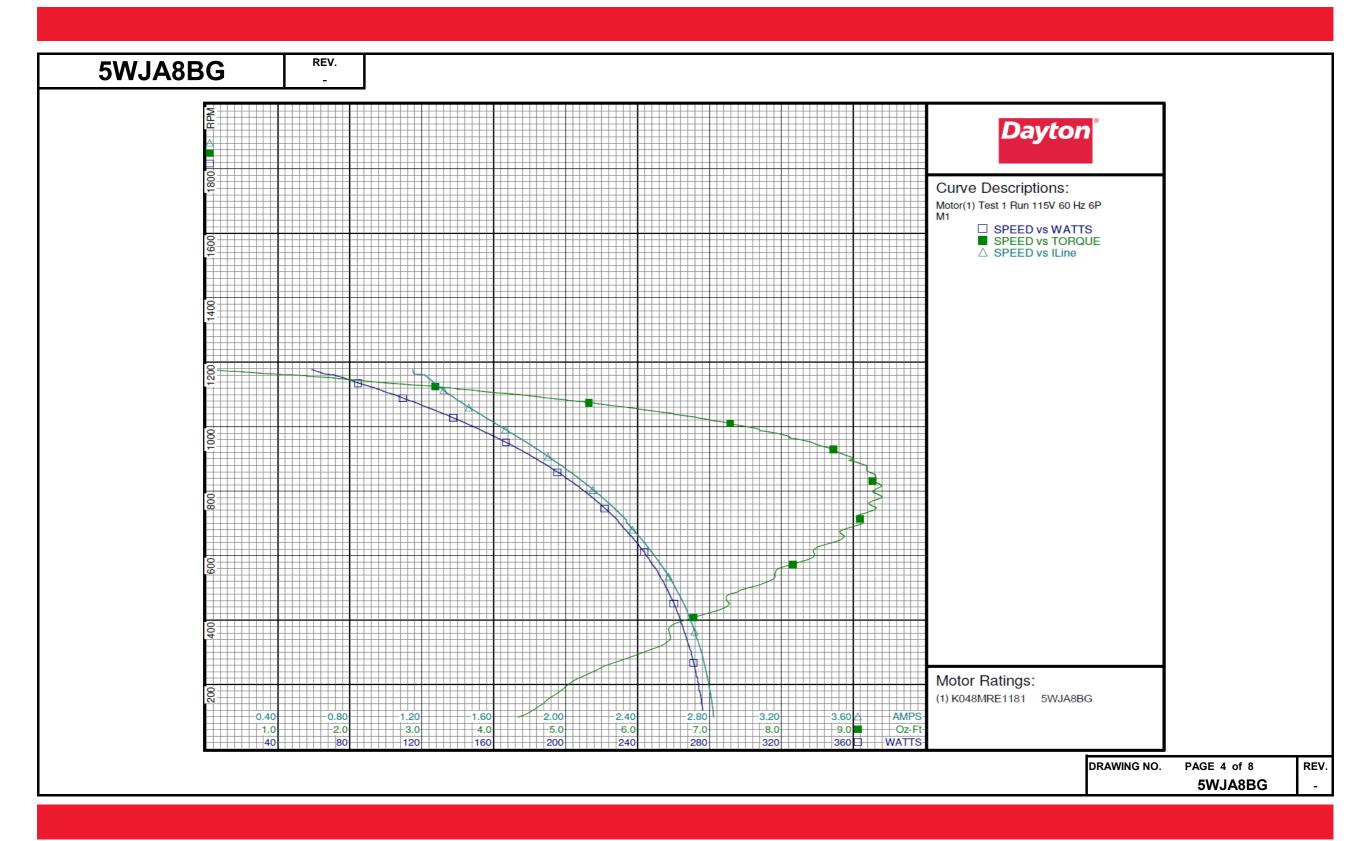






				Da	ayton M	anufactu	ring Con	npany					
Motor Des						Test Con	ditions						
Model: Motor ID: Poles: Volts: Frequency: HP: Speed: Phase: Protector:	K048MRE118 6 115 60 1/15 1075 1 7AM036-A5	31 5WJA8	BBG	Test Type: Test Numb Poles: Volts: Hz: Rotation: Special Co Speed Cor TestBoard	oer: 1 6 115 60 ond: nn: M1	Performance	Windag	ap: nment: By: atio: g Friction:	5 0μfd 22.2 Deg C 3/22/2016 10 Sharp, Gerald 1:1 :-0.65 Oz-Ft :-1.09 Oz-Ft	:32:48 AM	989 hPa		
Special Points	Vline(V)	Vaux (V)	Vcap(V)	Iline(A)	Imain(A)	Iaux (A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF (%)	Cap
	115.0 115.0	288.5 284.7	327.1 320.9	1.150 1.156	1.268 1.246	0.368 0.361	58.5 65.5	1177 1164	0.000 0.852	0.000 0.012	0.0 13.4	44.3 49.3	3.0 3.0
	115.0	281.1	314.9	1.235	1.243	0.355	76.3	1152	1.734	0.012	23.2	53.7	3.0
	115.0	277.9	309.5	1.268	1.251	0.349	84.6	1135	2.498	0.034	29.8	58.0	3.0
	115.0	274.1	303.6	1.303	1.261	0.342	93.5	1121	3.362	0.045	35.8	62.4	3.0
	115.0	269.7	297.9	1.337	1.277	0.335	101.1	1104	4.047	0.053	39.2	65.8	3.0
0.067 HP	115.0 115.0	263.9 259.8	291.0 286.0	1.383 1.414	1.306 1.326	0.328 0.322	109.6 115.1	1088 1077	4.767 5.224	0.062 0.067	42.0 43.4	68.9 70.8	3.0 3.0
1075 RPM	115.0	259.1	285.1	1.421	1.331	0.321	116.3	1077	5.309	0.068	43.6	71.2	3.0
10.5 141	115.0	257.6	283.1	1.434	1.341	0.319	118.6	1069	5.483	0.070	43.9	71.9	3.0
	115.0	249.9	274.6	1.493	1.387	0.309	127.8	1049	6.193	0.077	45.1	74.5	3.0
	115.0	242.2	265.7	1.557	1.442	0.299	137.5	1027	6.846	0.084	45.4	76.8	3.0
	115.0	234.0	256.7	1.627	1.506	0.289	147.1	1004	7.413	0.089	44.9	78.6	3.0
	115.0	225.3	247.3	1.703	1.578	0.278	157.1	979	7.948	0.093	44.0	80.2	3.0
	115.0 115.0	216.2 207.0	237.9 228.4	1.780 1.862	1.654 1.737	0.267 0.257	166.8 176.6	951 922	8.418 8.774	0.095 0.096	42.6 40.7	81.5 82.5	3.0 3.0
	115.0	197.5	219.2	1.944	1.821	0.246	186.1	891	9.028	0.096	38.4	83.3	3.0
	115.0	188.0	210.0	2.027	1.909	0.236	195.6	858	9.223	0.094	35.9	83.9	3.0
	115.0	178.4	201.2	2.110	1.997	0.226	204.8	824	9.348	0.092	33.4	84.4	3.0
	115.0	168.5	192.6	2.192	2.086	0.216	213.4	786	9.377	0.088	30.7	84.6	3.0
BDT OZ-FT	115.0	167.4	191.5 184.2	2.202	2.097	0.215	214.7	781	9.402	0.087 0.083	30.4	84.8	3.0
	115.0 115.0	158.7 149.1	176.7	2.271 2.336	2.172 2.259	0.207 0.199	221.8 229.3	747 704	9.319 9.146	0.083	27.9 24.9	84.9 85.3	3.0 3.0
	115.0	139.6	169.4	2.408	2.341	0.199	236.7	659	8.878	0.070	22.0	85.5	3.0
	115.0	130.0	162.4	2.478	2.422	0.183	243.8	611	8.443	0.061	18.8	85.6	3.0
	115.0	120.2	156.3	2.544	2.498	0.176	249.8	560	7.968	0.053	15.9	85.4	3.0
	115.0	110.7	150.8	2.602	2.567	0.170	255.2	507	7.676	0.046	13.5	85.3	3.0
	115.0	101.9	146.4	2.655	2.629	0.165	260.2	452	7.274	0.039	11.2	85.2	3.0
	115.0 115.0	92.8 84.5	142.8 140.7	2.698 2.737	2.683 2.731	0.161 0.158	264.0 267.8	393 332	6.569 6.416	0.031 0.025	8.7 7.1	85.1 85.1	3.0 3.0
	115.0	76.5	139.8	2.770	2.774	0.157	271.1	266	5.660	0.018	4.9	85.1	3.0
	115.0	69.7	139.2	2.795	2.808	0.157	273.9	202	5.053	0.012	3.3	85.2	3.0
	115.0	61.5	139.8	2.819	2.843	0.158	276.1	124	4.577	0.007	1.8	85.2	3.0

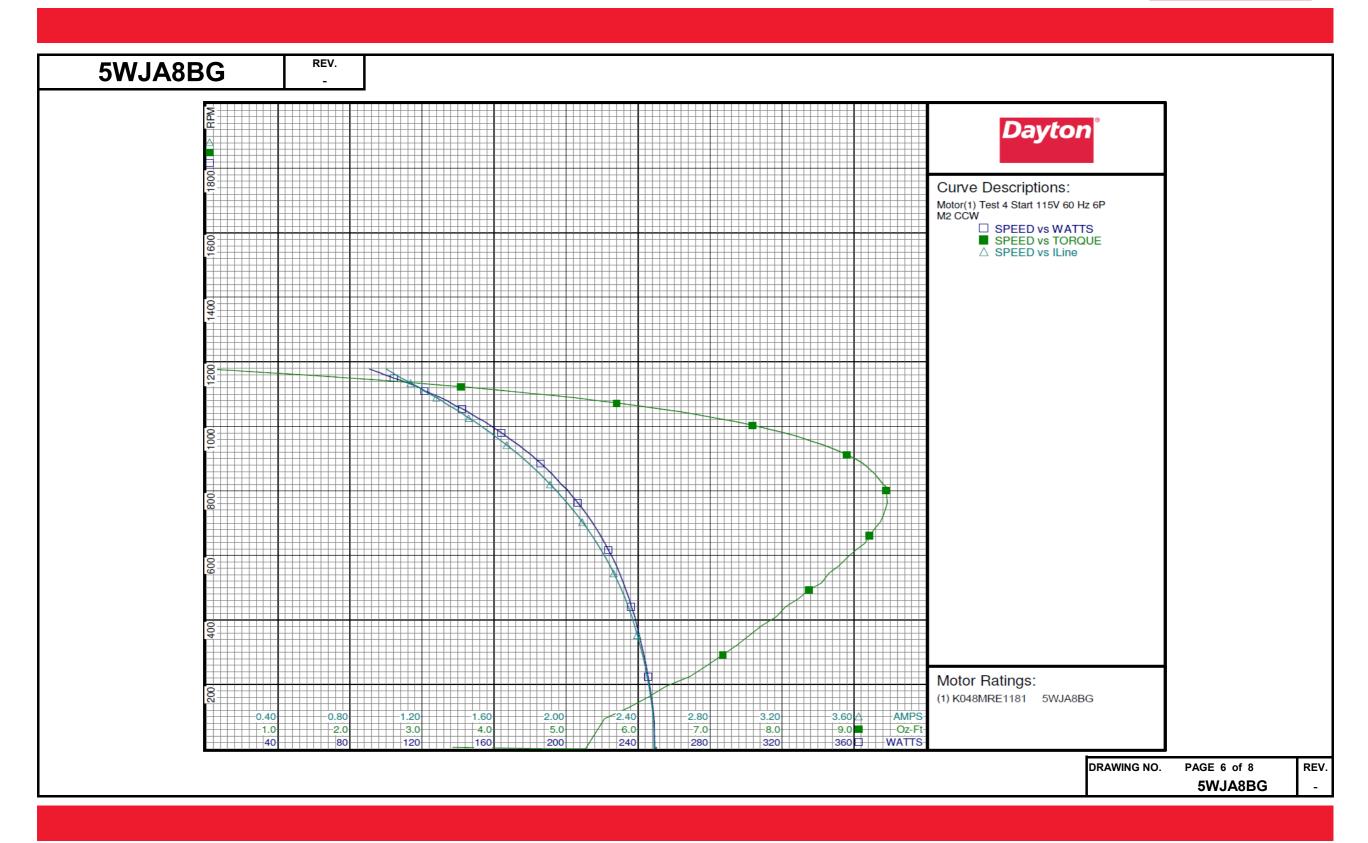






5WJA8BG	REV.											
				Dayt	ton Mai	nufactu	ıring Coı	npany				
Motor Des	crintion			•								
Model: Motor ID: Poles: Volts: Frequency: HP: Speed: Phase: Protector:	eription K048MRE1181 5WJA8BG 6 115 60 1/15 1075 1 7AM036-A5			Test Type: Test Number: Poles: Volts: Hz: Rotation: Special Cond: Speed Conn: TestBoard:	Start 4 6 115 60 CCW		Run Cap: Start Cap: Environment: Tested: Tested By: Gear Ratio: Bearing Friction: Windage Torque: Phase #2 Fixture #1		11/7/2016 1 Navarro, Su 1:1 -0.32 Oz-Ft	t		
Special Points	Vline(V)	Vaux (V)	Vcap(V)	Iline (A)	Watts	RPM	Tq(Oz-ft)	нр	Eff(%)	PF (%)		
	115.0 115.0	77.9 86.2 92.8 99.2 107.0 114.4 121.9 130.9 138.7 148.4 158.5 167.9 177.3 187.2 197.4 203.4 217.1 227.2 236.3 246.8 256.7 265.8 274.6 283.9 291.7 300.7 307.9 315.4 322.4 327.6 338.3 343.6	135.4 133.7 133.5 133.5 134.1 135.7 138.4 142.4 146.4 152.3 158.5 165.3 172.3 180.0 188.1 192.8 204.7 213.6 221.9 231.9 241.5 250.5 259.5 269.1 277.5 287.1 295.0 303.5 311.4 317.4	2.494 2.484 2.469 2.450 2.424 2.396 2.366 2.328 2.291 2.244 2.193 2.142 2.090 2.032 1.972 1.939 1.855 1.737 1.671 1.606 1.549 1.491 1.433 1.327 1.279 1.231 1.192 1.157 1.118 1.084 1.057	249.9 248.9 247.4 245.6 243.2 240.6 238.1 235.0 231.8 228.0 223.4 219.1 214.3 209.1 203.4 200.5 192.1 186.1 186.1 186.1 186.8 166.8 166.8 154.5 148.1 142.3 135.9 130.4 124.5 119.2 114.8 109.4 109.4 109.9	0 94 161 224 292 353 409 466 514 567 662 703 745 783 804 852 942 968 991 1015 1035 1054 1072 1089 1103 1117 1128 1149 1158	4.763 5.534 6.141 6.717 7.179 7.552 7.915 8.229 8.543 8.788 9.026 9.216 9.366 9.436 9.451 9.486 9.286 9.124 8.896 8.572 8.216 7.804 7.337 6.840 6.290 5.702 5.702 5.712 4.473 3.832 3.215 2.607 2.005 1.437	0.000 0.006 0.012 0.018 0.025 0.032 0.039 0.046 0.052 0.059 0.066 0.073 0.078 0.084 0.094 0.094 0.095 0.095 0.095 0.095 0.095 0.084 0.095	0.0 1.8 3.5 5.4 7.7 9.8 12.1 14.5 16.8 19.4 22.1 24.7 27.3 29.9 32.3 33.8 36.6 38.5 40.0 41.3 42.3 42.7 42.8 42.5 41.4 40.0 37.9 35.2 31.9 28.1 24.1	87.1 87.1 87.2 87.2 87.3 87.5 87.8 88.0 88.3 88.6 88.9 89.2 89.5 89.7 89.9 90.1 90.2 90.3 89.6 89.6 89.6 89.6 89.7 89.8 89.6 89.7 89.8 89.6 89.1 89.6 89.7 89.8 89.6 89.1 89.6 89.7 89.8		
	115.0 115.0 115.0	346.3 348.4 350.6	340.3 343.6 346.8	1.038 1.016 1.002	96.9 93.5 90.7	1165 1172 1177	0.919 0.441 0.026	0.013 0.006 0.000	9.8 4.9 0.3	81.2 80.0 78.7		
									Ī	DRAWING NO. PAGE 5 of 8 5WJA8B		

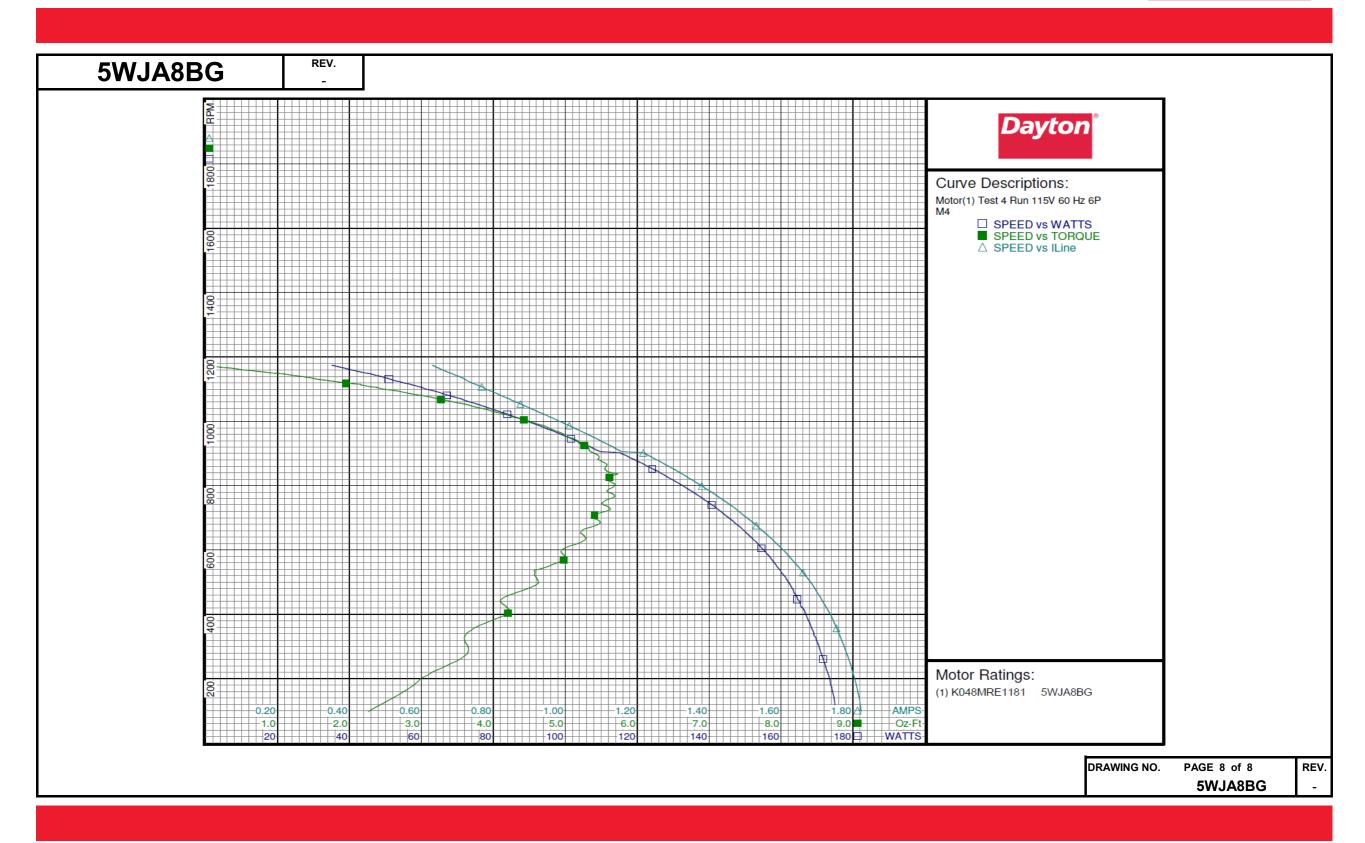






WJA8BG	REV.												
				Dag	yton Ma	anufactu	ring Com	pany					
Motor Des	cription					Test Con	ditions						
Model: Motor ID: Poles: Volts: Frequency: HP: Speed: Phase: Protector:	Model: K048MRE1181 Motor ID: Poles: 6 Volts: 115 Frequency: 60 HP: 1/15 Speed: 1075 Phase: 1				Run r: 4 6 115 60 d: : M4 Amtps	Performance	Run Cap: Start Cap: Environment: Tested: Tested By: Gear Ratio: Bearing Friction: Windage Torque Fixture #4			:20:17 PM	987 hPa		
Special Points	Vline(V) 115.0	Vaux (V)	Vcap(V) 263.6	1line(A) 0.630 0.655	0.709	Iaux (A) 0.297	Watts 35.06	RPM 1174	• •	HP 0.000 0.006	Eff(%) 0.0	PF(%) 48.4	Cap 3.0
0.017 НР	115.0 115.0 115.0 115.0 115.0	232.0 229.3 227.9 225.2 220.9	257.4 251.3 249.1 245.5 239.0	0.686 0.698 0.719 0.750	0.709 0.714 0.719 0.729 0.741	0.289 0.282 0.280 0.276 0.269	39.86 45.72 47.74 50.95 56.84	1161 1147 1142 1132 1115	1.065 1.232 1.524	0.006 0.015 0.017 0.021 0.029	12.0 23.7 26.2 30.1 37.5	52.9 58.0 59.5 61.6 65.9	3.0 3.0 3.0 3.0 3.0
1075 RPM	115.0 115.0 115.0	216.2 211.1 208.9	233.3 226.9 224.4	0.781 0.817 0.830	0.761 0.787 0.796	0.262 0.255 0.252	61.81 67.13 69.14	1098 1082 1075	2.512 2.950 3.129	0.033 0.038 0.040	39.6 42.2 43.2	68.8 71.4 72.4	3.0 3.0 3.0
	115.0 115.0 115.0 115.0 115.0 115.0	205.4 199.8 193.5 186.8 180.0 173.0 166.1	220.2 213.4 206.2 198.9 191.4 184.0 176.5	0.855 0.895 0.940 0.986 1.036 1.086	0.816 0.850 0.892 0.937 0.987 1.039	0.248 0.240 0.232 0.224 0.215 0.207 0.199	72.56 78.02 83.93 89.72 95.69 101.61 107.64	1063 1044 1022 998 973 946 916	4.824 5.112	0.043 0.047 0.050 0.054 0.056 0.058	44.0 44.6 44.9 44.6 43.6 42.3 40.2	73.8 75.8 77.6 79.1 80.3 81.4 82.3	3.0 3.0 3.0 3.0 3.0 3.0
BDT OZ-FT	115.0 115.0 115.0	158.8 151.3 147.7	169.3 162.1 158.8	1.244 1.299 1.325	1.152 1.213 1.241	0.190 0.182 0.179	118.15 124.17 126.97	886 853 836	5.546	0.058 0.056 0.057	36.4 33.8 33.5	82.6 83.1 83.3	3.0 3.0 3.0
	115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0	144.0 136.5 128.8 121.5 113.9 106.2 98.9 91.3 83.9 76.5 69.8 62.8 55.8 49.1	155.2 148.6 142.3 136.2 130.6 125.5 120.5 116.3 112.5 110.1 108.5 107.8 108.1	1.352 1.406 1.458 1.507 1.554 1.600 1.641 1.679 1.712 1.741 1.765 1.787 1.807 1.819	1.271 1.330 1.389 1.444 1.499 1.552 1.600 1.647 1.687 1.724 1.755 1.785 1.812	0.175 0.167 0.160 0.153 0.147 0.141 0.136 0.131 0.127 0.124 0.123 0.122 0.123	129.87 135.40 140.76 145.65 150.27 154.65 158.42 161.81 164.61 167.24 169.63 171.66 173.62 174.90	817 780 740 698 653 605 556 503 447 389 327 261 191	5.588 5.583 5.533 5.400 5.209 4.983 4.837 4.622 4.108 4.073 3.594 3.546 2.951	0.054 0.052 0.049 0.045 0.040 0.036 0.032 0.028 0.022 0.019 0.014 0.011 0.007	31.2 28.6 25.8 23.0 20.1 17.3 15.1 12.8 9.9 8.4 6.2 4.8 2.9	83.5 83.8 83.9 84.0 84.1 84.5 83.9 83.8 83.6 83.5 83.6 83.6	3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0





Wiring Diagram



