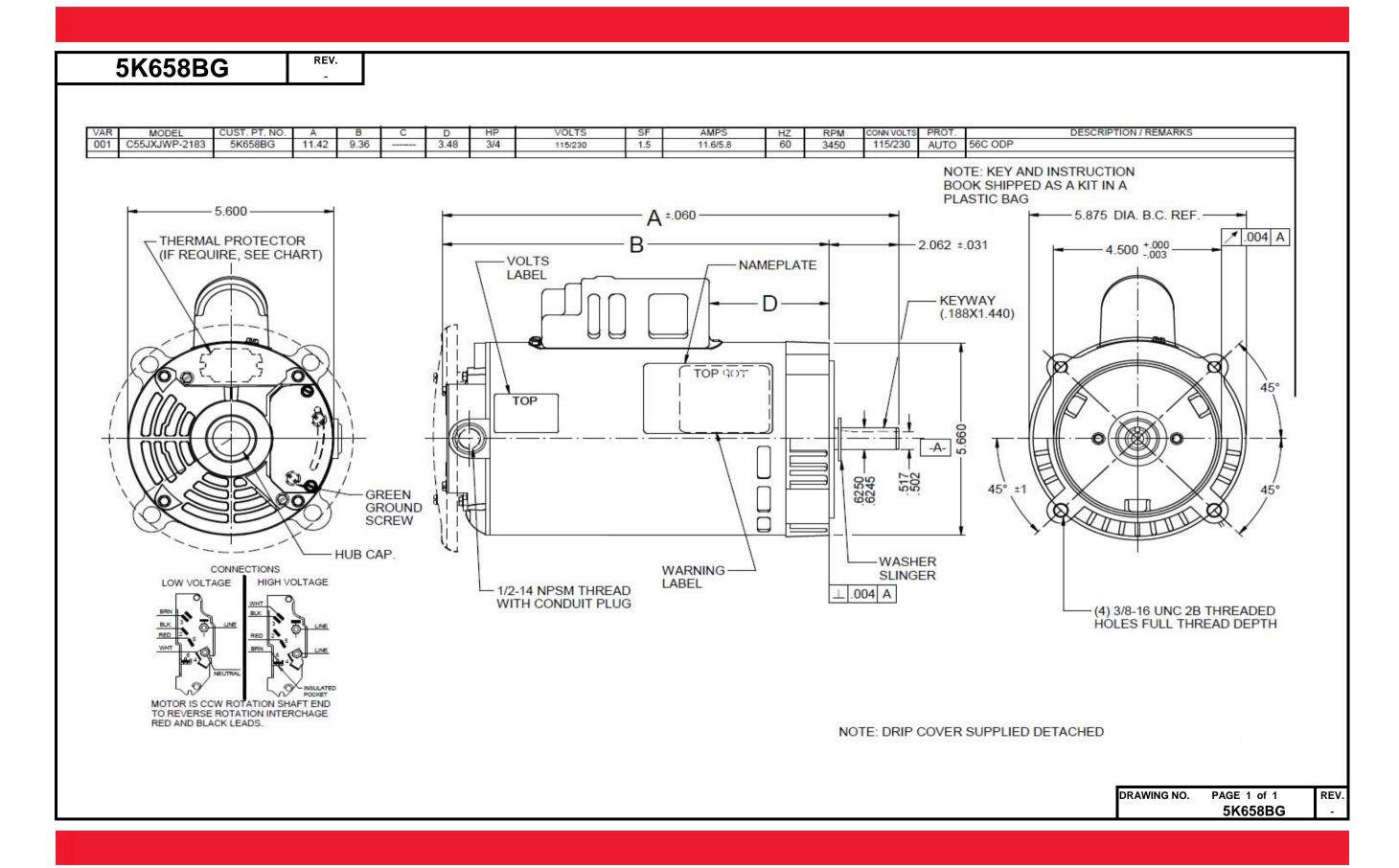
Dimensional Drawing





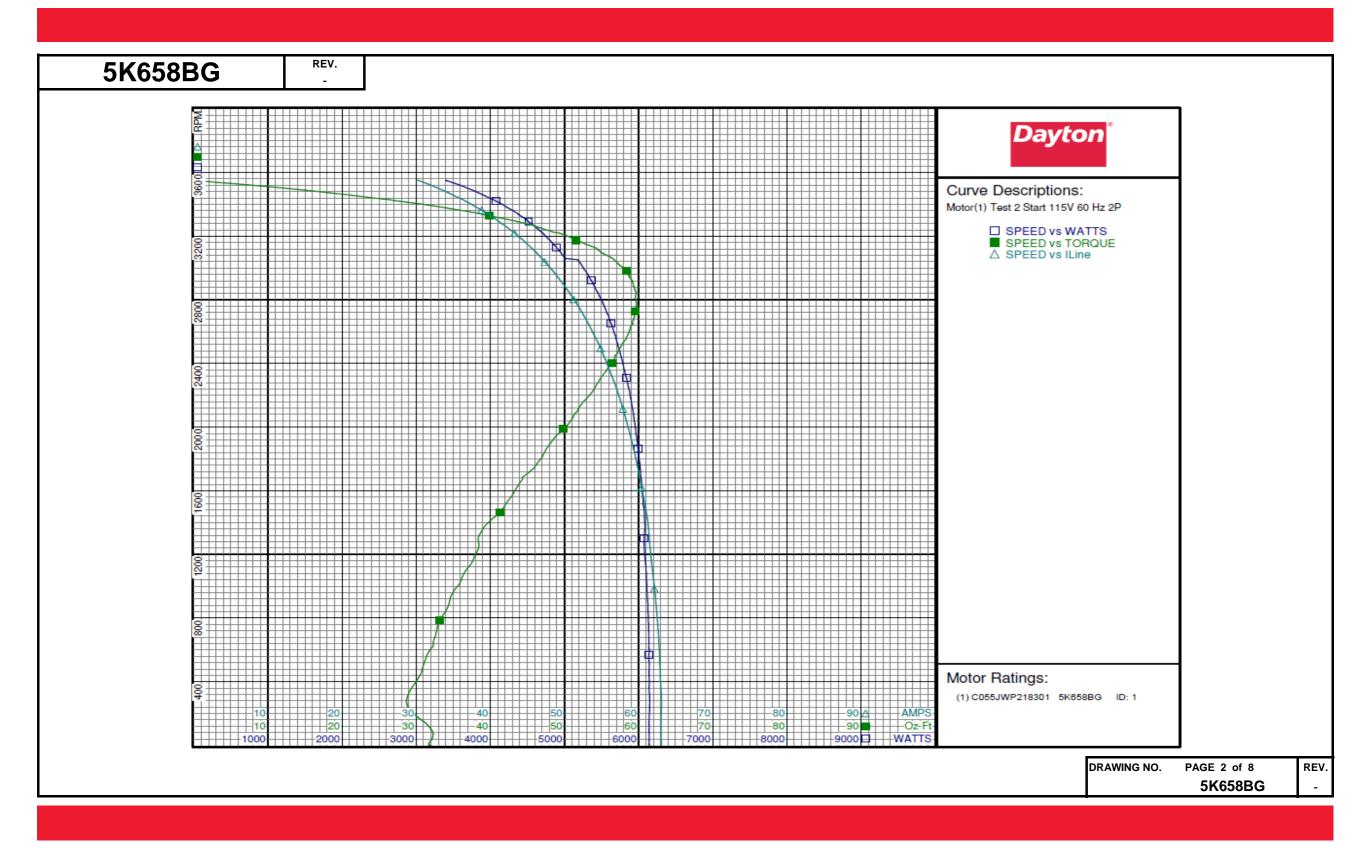


MOTOR PERFORMANCE		МОТО	D DEDE	ODMA	NCE				
Poles: 2		MOTO	RPERF	ORMA	NCE				
No. of Speeds: 1	HP:	3/4							
Volts:	Poles:	2							
Volts:	No. of Speeds:	1							
HZ: 60 60 60 60 60 60 60 6	<u> </u>	115/230	115	230			T	1	
Service Factor: 1.5							1	1	
Efficiency:		1.5							
Power Factor: @ Rated Load 70.0 69.7		@ Rated Load	64.7	65.1					
Rated Load 10.97 5.5	Power Factor:		70.0	69.7					
@ Service Factor 13.5 6.8	Amps:								
RPM:									
RPM:								ļ	
Ambient (°C): 40								<u> </u>	
Altitude (FASL):			3524	3519				<u> </u>	<u> </u>
Breakdown		40							
Locked Rotor 32.01 30.1		Broakdown	57.1	55 G				1	Ι
Pull-Up	rorques.						+	1	
Rated Load 18.26 18.26							1	1	
Service Factor 27.4 27.4 27.4							 	1	
L									
Temperature Rise:	Watts:	Rated Load	883	877					
② Service Factor 53.7 52.6	KVA Code:	L	L	L					
Trip Temp (°C)	Temperature Rise:		NA	NA					
Start (Auxiliary))							
Run (Main) Cu Cu									
Start (MFD / Volts) 198mFd & 110 V	Winding Material:							<u> </u>	
No. of Start Capacitors Run (MFD / Volts) NA			Cu	Cu			1		
Run (MFD / Volts) NA No. of Run Capacitors	Capacitor(s):				1	98mFd & 1	110 V		
No. of Run Capacitors		Dup (MED / Volts)	+			NIA			
LOW SPEED PERFORMANCE DATA:			+			INA			
HP: Poles:		No. of Run Capacitors	-				Т	Ι	Π
HP: Poles:	LOW SPEED PER	FORMANCE DATA:				-	-	-	-
Poles: Volts:		I CRIMANCE DATA:							
Volts: HZ: Efficiency: @ Rated Load Power Factor: @ Rated Load Amps: @ No Load @ Rated Load @ Rated Load @ Service Factor @ Locked Rotor Torques: Bead Down Locked Rotor Pull-Up Rated Load Service Factor Watts: @ Rated Load Temperature Rise: @ Rated Load									
### HZ: ### Efficiency: @ Rated Load							Τ	1	I
### Efficiency: @ Rated Load							1		
Power Factor: @ Rated Load		@ Rated Load					1		
@ Rated Load @ Service Factor @ Locked Rotor Torques: Bead Down Locked Rotor Pull-Up Rated Load Service Factor Watts: @ Rated Load Temperature Rise: @ Rated Load									
@ Rated Load	Amps:								
@ Locked Rotor Torques: Bead Down Locked Rotor Pull-Up Rated Load Service Factor Watts: @ Rated Load Temperature Rise: @ Rated Load	•)							
Bead Down							1		
Locked Rotor)					1		
Pull-Up Rated Load Service Factor Watts: @ Rated Load Rated	Torques:								
Rated Load							+		
Service Factor							+		
Watts: @ Rated Load Temperature Rise: @ Rated Load							+	 	-
Temperature Rise: @ Rated Load	Watte						+	-	
							+	+	
IW OUTTION LACIOI	i elliperatule RISE.	0	+				+	 	



5K658BG	REV -												
				Da	ayton Ma	anufactu	ring Con	npany					
Motor Des	cription					Test Con	ditions						
Model:	C055JWP218	8301 5K658	RBG	Test Type:	Start		Run Ca	D:	0				
Motor ID:	1			Test Numb			Start Ca	_	198µfd				
Poles:	2			Poles:	2		Environ		150,410				
Volts:	115/230			Volts:	115		Tested:		3/24/2004 1:5	55:36 PM			
Frequency:	60			Hz:	60		Tested 1		Clausner, Chi				
HP:	3/4			Rotation:	00		Gear Ra		1:1				
Speed:	3450			Special Co	nd:				-0.18 Oz-Ft				
Phase:	1			Speed Con					:-1.77 Oz-Ft				
Protector:	AUTO			TestBoard:		Performance		,c rorque	. 1,77 02 11				
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	106.3	91.0	63.11	59.50	8.449	6148	0	32.01	0.000	0.0	84.7	246.2
PUT OZ-FT	115.0 115.0	106.7 108.7	90.5 88.8	63.04 63.09	59.40 59.28	8.410 8.237	6144 6150	49 276	32.20 28.65	0.019 0.094	0.2 1.1	84.7 84.8	246.4 246.2
201 02-11	115.0	108.8	88.5	63.07	59.26	8.210	6147	305	28.79	0.105	1.3	84.8	246.0
	115.0	111.2	86.2	62.78	58.77	8.007	6145	597	31.80	0.226	2.7	85.1	246.3
	115.0 115.0	113.3 115.4	84.4	62.40 61.87	58.17	7.832 7.601	6126 6098	862 1103	34.19 36.74	0.351	4.3	85.4	246.1
	115.0	118.4	82.1 79.9	61.41	57.48 56.79	7.380	6078	1322	38.51	0.606	5.9 7.4	85.7 86.1	245.4 245.0
	115.0	121.5	79.0	60.79	55.89	7.296	6059	1523	42.20	0.765	9.4	86.7	245.1
	115.0	124.5	77.5	60.03	54.92	7.159	6025	1707	45.00	0.914	11.3	87.3	245.0
	115.0 115.0	127.6 131.1	76.2 75.2	59.22 58.34	53.86 52.75	7.032 6.931	5987 5939	1881 2041	47.82 50.85	1.071	13.3 15.5	87.9 88.5	244.7 244.5
	115.0	134.6	74.4	57.40	51.58	6.856	5891	2188	53.13	1.384	17.5	89.2	244.3
	115.0	138.6	73.9	56.36	50.31	6.809	5828	2322	55.15	1.525	19.5	89.9	244.5
	115.0	142.2	73.8	55.38	49.12	6.799	5766	2437	56.86	1.650	21.3	90.5	244.2
	115.0 115.0	146.5 151.0	74.2 75.1	54.28 53.08	47.75 46.38	6.839 6.926	5695 5619	2552 2659	58.34 59.07	1.773 1.870	23.2 24.8	91.2 92.0	244.6 244.7
	115.0	155.8	76.5	51.87	44.94	7.059	5535	2757	59.77	1.962	26.4	92.8	244.8
	115.0	160.6	78.4	50.61	43.46	7.234	5446	2846	59.64	2.021	27.7	93.6	244.7
	115.0	165.6	80.9	49.32	41.95	7.466	5349	2928	58.93	2.054	28.6	94.3	244.8
	115.0 115.0	170.9 176.3	84.0 87.4	48.01 46.68	40.41 38.86	7.763 8.098	5250 4989	3003 3072	57.93 56.00	2.071 2.048	29.4 30.6	95.1 92.9	245.3 245.8
	115.0	181.6	91.3	45.33	37.30	8.472	4879	3135	53.70	2.004	30.6	93.6	246.2
	115.0	187.1	95.5	43.93	35.71	8.887	4760	3192	50.83	1.932	30.3	94.2	246.9
	115.0	192.6	99.9	42.51	34.11	9.340	4638	3246	47.09	1.820	29.3	94.9	247.9
	115.0 115.0	197.8 203.1	104.6	41.05 39.58	32.51 30.86	9.782 10.262	4504 4367	3294 3340	43.30 38.57	1.698	28.1 26.2	95.4 95.9	248.1 249.1
	115.0	208.1	114.3	38.01	29.12	10.767	4213	3383	33.14	1.335	23.6	96.4	250.0
	115.0	213.0	119.0	36.46	27.41	11.264	4059	3424	26.94	1.098	20.2	96.8	251.1
	115.0 115.0	217.8	124.0 129.1	34.75 32.97	25.61 23.71	11.784 12.344	3883 3696	3462 3500	20.11 12.39	0.829 0.516	15.9 10.4	97.2 97.5	252.1 253.6
	115.0	227.3	134.0	31.00	21.62	12.886	3482	3537	3.14	0.132	2.8	97.7	255.0
	115.0	228.8	135.8	30.19	20.76	13.121	3394	3551	0.00	0.000	0.0	97.8	256.4
											DRAW	ING NO. PA	GE 1 of 8
											[5K658BG

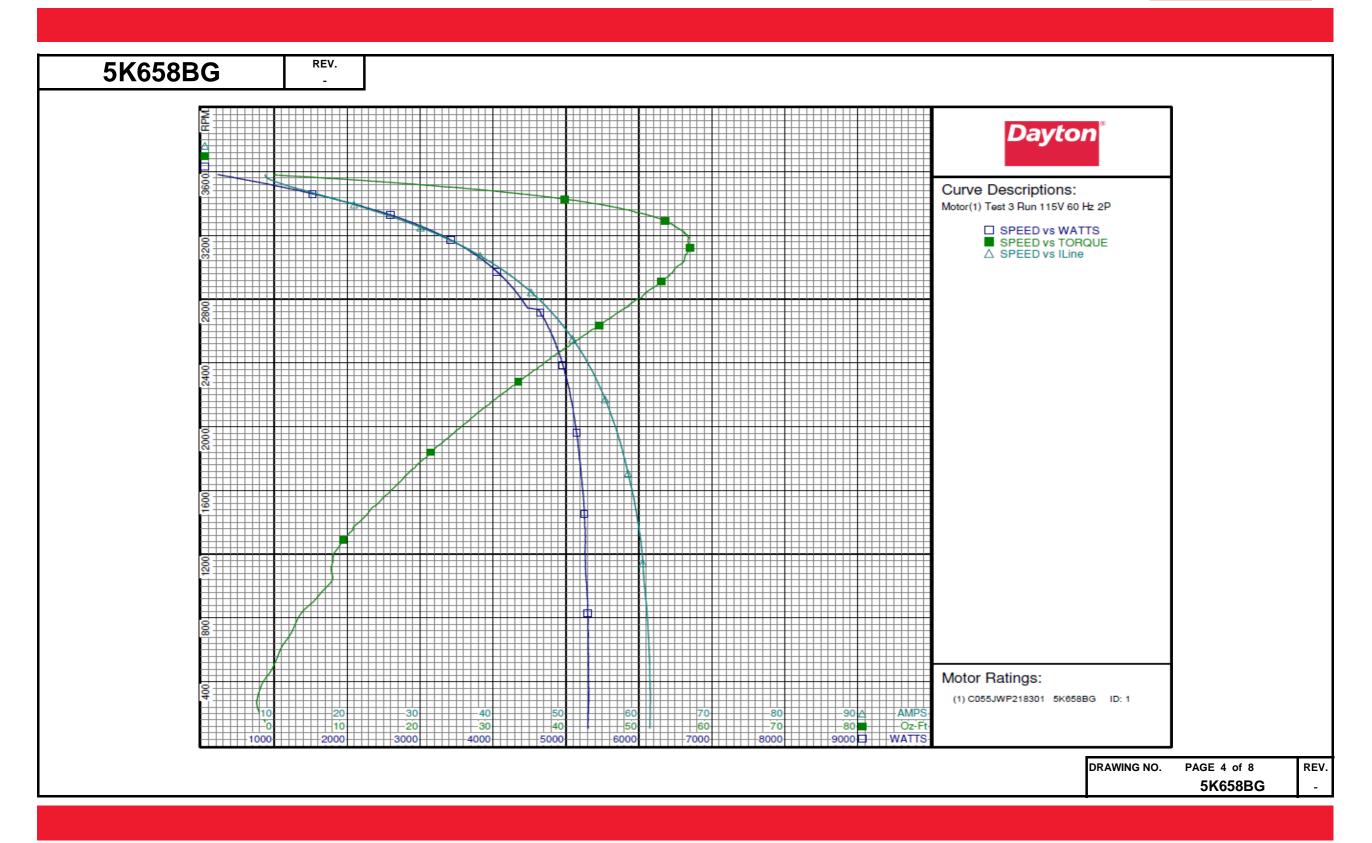






K658BG	REV.									
	<u>. </u>			Do	yton Ma	nufactu	ring Cor	nnany		
				Da				прапу		
Motor Des						Test Con				
Model:	C055JWP21	8301 5K658	BG	Test Type:	Run		Run Ca	•	0	
Motor ID:	1			Test Numbe			Start C		198µfd	
Poles:	2			Poles:	2		Enviro	nment:		
Volts:	115/230			Volts:	115		Tested:	:	3/24/2004 1:4	5:55 PM
Frequency:	60			Hz:	60		Tested	By:	Clausner, Chr	is
HP:	3/4			Rotation:			Gear R	atio:	1:1	
Speed:	3450			Special Con	ıd:		Bearing	g Friction:	: -0.21 Oz-Ft	
Phase:	1			Speed Conn	ı:		Winda	ge Torque	: -2.05 Oz-Ft	
Protector:	AUTO			TestBoard:	Amtps P	erformance	Fixture #3			
Special Points	Vline(V)	Iline(A)	Watts		Tq(Oz-ft)	HP	Eff(%)	PF(%)		
	115.0 115.0	8.78 9.89	226	3582 3541	0.00 13.13	0.000	0.0 59.7	22.3 60.8		
18.26 OZ-FT	115.0	10.97	691 883	3524	18.26	0.766	64.7	70.0		
	115.0	12.57	1122	3502	24.49	1.021	67.9	77.7		
27.4 OZ-FT	115.0	13.49	1245	3490	27.40	1.138	68.2	80.3		
1.125 HP	115.0	13.39	1232	3491	27.07	1.125	68.1	80.0		
3450 RPM	115.0 115.0	15.76 16.60	1528 1627	3461 3450	33.78 35.89	1.392 1.474	68.0 67.6	84.3 85.2		
	115.0	19.00	1903	3419	41.45	1.687	66.1	87.1		
	115.0	22.22	2255	3376	46.83	1.882	62.3	88.2		
	115.0 115.0	25.37 28.33	2593 2886	3329 3281	51.15 54.10	2.027 2.113	58.3 54.6	88.9 88.6		
	115.0	31.28	3169	3228	56.03	2.153	50.7	88.1		
	115.0	34.02	3420	3171	56.77	2.143	46.7	87.4		
BDT OZ-FT	115.0	36.69	3651	3111	57.10	2.114	43.2	86.5		
	115.0 115.0	36.69 39.24	3651 3865	3111 3044	57.10 56.20	2.114	43.2 39.3	86.5 85.7		
	115.0	41.65	4054	2972	54.67	1.935	35.6	84.6		
	115.0	43.92	4224	2894	52.65	1.814	32.0	83.6		
	115.0 115.0	46.06 48.03	4375 4649	2809 2717	50.43 47.19	1.686 1.526	28.8 24.5	82.6 84.2		
	115.0	49.88	4767	2615	43.89	1.366	21.4	83.1		
	115.0	51.58	4865	2506	40.44	1.207	18.5	82.0		
	115.0	53.14	4958	2388	36.79	1.046	15.7	81.1		
	115.0 115.0	54.61 55.89	5033 5099	2254 2113	32.62 28.62	0.875 0.720	13.0 10.5	80.1 79.3		
	115.0	57.04	5147	1961	24.64	0.575	8.3	78.5		
	115.0	57.97	5185	1810	20.95	0.451	6.5	77.8		
	115.0 115.0	58.88	5220 5253	1635	16.80	0.327	4.7 3.1	77.1		
	115.0	59.69 60.34	5264	1452 1252	12.79 8.97	0.221 0.134	1.9	76.5 75.9		
	115.0	60.67	5276	1059	8.02	0.101	1.4	75.6		
	115.0	61.12	5299	828	3.68	0.036	0.5	75.4		
	115.0	61.42	5305	584	0.69	0.005	0.1	75.1		
									DRAWING NO.	PAGE 3 of
										5K658

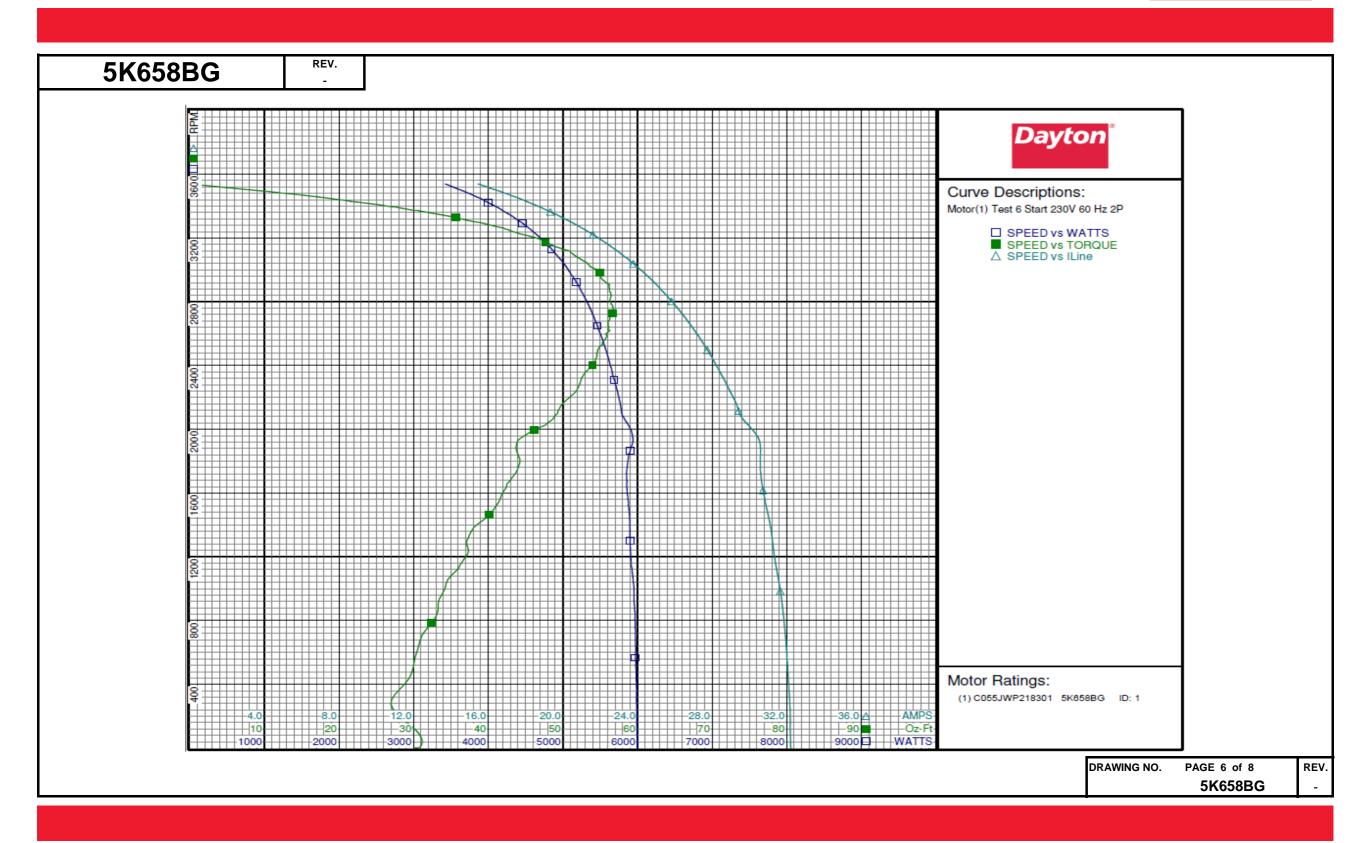






iption C055JWP218 1 2 115/230 60 3/4 3450 1 AUTO Vline (V) 230.0 230.0 230.0 230.0 230.0 230.0 230.0	Vaux (V) 210.5 211.1 213.5 213.8 217.1 220.4	Vcap(V) 88.1 87.6 86.0 85.7 83.4 81.5	Test Type: Test Numb Poles: Volts: Hz: Rotation: Special Co Speed Con TestBoard: 1line (A) 32.23 32.19 32.16 32.15 32.00	Start per: 6 2 230 60 ond:	Performance Iaux (A) 8.118 8.071 7.906 7.887	Run Cap Start Cap Environ Tested: Tested F Gear Ra Bearing Windage Fixture #3 Watts 6000 5995 5987 5985	p: ment: By: tio: Friction: Torque:	0 198μfd 3/24/2004 2:1 Clausner, Chr 1:1 -0.17 Oz-Ft :-1.50 Oz-Ft Tq(Oz-ft) 30.09 31.10 26.94 27.05		Eff(%) 0.0 0.2 1.1	PF(%) 80.9 81.0 81.0	Cap 244.5 244.4 244. 0 244.3
C055JWP218 1 2 115/230 60 3/4 3450 1 AUTO Vline (V) 230.0 230.0 230.0 230.0 230.0 230.0 230.0	Vaux (V) 210.5 211.1 213.5 213.8 217.1 220.4	Vcap(V) 88.1 87.6 86.0 85.7 83.4	Test Numb Poles: Volts: Hz: Rotation: Special Co Speed Con TestBoard: Iline (A) 32.23 32.19 32.16 32.15 32.00	er: 6 2 230 60 ond: on: : Amtps Imain(A) 28.53 28.46 28.30 28.28	Performance Iaux (A) 8.118 8.071 7.906 7.887	Run Cap Start Cap Environ Tested: Tested F Gear Ra Bearing Windage Fixture #3 Watts 6000 5995 5987 5985	p: ment: By: tio: Friction: Torque:	198µfd 3/24/2004 2:1 Clausner, Chr 1:1 -0.17 Oz-Ft -1.50 Oz-Ft Tq(Oz-ft) 30.09 31.10 26.94	HP 0.000 0.018 0.088	0.0 0.2 1.1	80.9 81.0 81.0	244.5 244.4 244. 0
C055JWP218 1 2 115/230 60 3/4 3450 1 AUTO Vline (V) 230.0 230.0 230.0 230.0 230.0 230.0 230.0	Vaux (V) 210.5 211.1 213.5 213.8 217.1 220.4	Vcap(V) 88.1 87.6 86.0 85.7 83.4	Test Numb Poles: Volts: Hz: Rotation: Special Co Speed Con TestBoard: Iline (A) 32.23 32.19 32.16 32.15 32.00	er: 6 2 230 60 ond: on: : Amtps Imain(A) 28.53 28.46 28.30 28.28	Performance Iaux (A) 8.118 8.071 7.906 7.887	Run Cap Start Cap Environ Tested: Tested F Gear Ra Bearing Windage Fixture #3 Watts 6000 5995 5987 5985	p: ment: By: tio: Friction: Torque:	198µfd 3/24/2004 2:1 Clausner, Chr 1:1 -0.17 Oz-Ft -1.50 Oz-Ft Tq(Oz-ft) 30.09 31.10 26.94	HP 0.000 0.018 0.088	0.0 0.2 1.1	80.9 81.0 81.0	244.5 244.4 244. 0
230.0 230.0 230.0 230.0 230.0 230.0 230.0	210.5 211.1 213.5 213.8 217.1 220.4	88.1 87.6 86.0 85.7 83.4	32.23 32.19 32.16 32.15 32.00	28.53 28.46 28.30 28.28	8.118 8.071 7.906 7.887	6000 5995 5987 5985	1 50 275 304	30.09 31.10 26.94	0.000 0.018 0.088	0.0 0.2 1.1	80.9 81.0 81.0	244.5 244.4 244. 0
230.0 230.0 230.0 230.0 230.0	213.5 213.8 217.1 220.4	86.0 85.7 83.4	32.16 32.15 32.00	28.30 28.28	7.906 7.887	5987 5985	275 304	26.94	0.088	1.1	81.0	244.0
230.0 230.0 230.0 230.0 230.0	222.9 226.9 231.1 237.0 244.9 241.5	79.2 76.2 74.5 72.8 77.3 78.8	31.79 31.48 31.21 30.89 30.61 30.59 29.81	27.48 27.04 26.59 26.00 25.38 24.55 23.80	7.666 7.493 7.269 6.979 6.823 6.656 7.090 7.232	5975 5962 5928 5898 5877 5853 5907 5857	595 861 1102 1321 1523 1708 1881 2040	30.35 33.26 35.48 37.33 41.09 43.37 43.70 47.97	0.215 0.341 0.466 0.587 0.745 0.882 0.979 1.165	1.2 2.7 4.3 5.9 7.4 9.5 11.2 12.4 14.8	81.2 81.5 81.9 82.2 82.7 83.1 84.0 85.4	243.9 243.8 243.5 243.0 242.9 242.4 243.3 243.6 242.9
230.0 230.0 230.0 230.0 230.0 230.0 230.0 230.0 230.0	249.3 253.2 257.8 262.4 267.3 272.5 277.7 282.9 288.3	73.7 73.3 73.4 74.1 75.3 77.2 79.7 82.6 86.1	28.59 28.05 27.44 26.81 26.16 25.49 24.82 24.13 23.43	22.42 21.71 20.92 20.11 19.29 18.46 17.62 16.78 15.96	6.737 6.702 6.715 6.781 6.897 7.073 7.315 7.594 7.923	5679 5615 5540 5455 5362 5273 5172 5067 4952	2322 2437 2552 2658 2756 2845 2928 3003 3071	52.51 54.36 55.37 56.07 56.76 56.39 55.57 54.36 52.17	1.452 1.577 1.682 1.774 1.863 1.910 1.937 1.944 1.907	19.1 21.0 22.7 24.3 25.9 27.0 27.9 28.6 28.7	86.4 87.0 87.8 88.5 89.1 89.9 90.6 91.3 91.9	242.6 242.7 242.5 242.8 242.8 243.1 243.5 243.8 244.2
230.0 230.0 230.0 230.0 230.0 230.0 230.0 230.0 230.0	293.7 298.9 303.8 308.9 313.8 318.5 323.5 327.8 332.2 336.2	89.9 93.9 98.2 102.6 107.1 111.8 116.8 121.5 126.3 131.1	22.71 21.99 21.26 20.51 19.75 18.95 18.13 17.30 16.39 15.45	15.15 14.35 13.58 12.82 12.09 11.39 10.68 10.05 9.41 8.88	8.296 8.690 9.111 9.533 9.987 10.463 10.970 11.456 11.975 12.485	4839 4714 4584 4449 4305 4151 3987 3817 3627 3423	3134 3192 3245 3294 3340 3383 3424 3462 3500 3537	49.71 46.88 42.89 38.97 34.19 28.65 22.46 16.05 8.15 0.00	1.855 1.782 1.657 1.529 1.359 1.154 0.915 0.661 0.340 0.000	28.6 28.2 27.0 25.6 23.6 20.7 17.1 12.9 7.0 0.0	92.6 93.2 93.8 94.3 94.8 95.2 95.6 95.9 96.2 96.3	244.7 245.4 246.0 246.5 247.3 248.3 249.2 250.2 251.4 252.6
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89.9 22.71 230.0 298.9 93.9 21.99 230.0 303.8 98.2 21.26 230.0 313.8 107.1 19.75 230.0 313.8 107.1 19.75 230.0 318.5 111.8 18.95 230.0 323.5 116.8 18.13 230.0 327.8 121.5 17.30 230.0 332.2 126.3 16.39	230.0 244.9 77.3 30.59 24.55 230.0 241.5 78.8 29.81 23.80 230.0 245.3 75.0 29.18 23.16 230.0 249.3 73.7 28.59 22.42 230.0 253.2 73.3 28.05 21.71 230.0 257.8 73.4 27.44 20.92 230.0 262.4 74.1 26.81 20.11 230.0 267.3 75.3 26.16 19.29 230.0 267.3 75.3 26.16 19.29 230.0 272.5 77.2 25.49 18.46 230.0 277.7 79.7 24.82 17.62 230.0 282.9 82.6 24.13 16.78 230.0 288.3 86.1 23.43 15.96 230.0 293.7 89.9 22.71 15.15 230.0 298.9 93.9 21.99 14.35 230.0 303.8 98.2 21.26 13.58 230.0 313.8 107.1 19.75 12.09 230.0 318.5 111.8 18.95 11.39 230.0 327.8 121.5 17.30 <td>230.0 244.9 77.3 30.59 24.55 7.090 230.0 241.5 78.8 29.81 23.80 7.232 230.0 245.3 75.0 29.18 23.16 6.863 230.0 249.3 73.7 28.59 22.42 6.737 230.0 253.2 73.3 28.05 21.71 6.702 230.0 257.8 73.4 27.44 20.92 6.715 230.0 262.4 74.1 26.81 20.11 6.781 230.0 267.3 75.3 26.16 19.29 6.897 230.0 272.5 77.2 25.49 18.46 7.073 230.0 277.7 79.7 24.82 17.62 7.315 230.0 282.9 82.6 24.13 16.78 7.594 230.0 288.3 86.1 23.43 15.96 7.923 230.0 293.7 89.9 22.71 15.15 8.296 230.0 303.8 98.2 21.26 13.58 9.111 230.0 308.9 102.6 20.51 12.82 9.533 230.0 313.8 107.1 19.75 12.09 9.987</td> <td>230.0 244.9 77.3 30.59 24.55 7.090 5907 230.0 241.5 78.8 29.81 23.80 7.232 5857 230.0 245.3 75.0 29.18 23.16 6.863 5753 230.0 249.3 73.7 28.59 22.42 6.737 5679 230.0 253.2 73.3 28.05 21.71 6.702 5615 230.0 257.8 73.4 27.44 20.92 6.715 5540 230.0 262.4 74.1 26.81 20.11 6.781 5455 230.0 267.3 75.3 26.16 19.29 6.897 5362 230.0 272.5 77.2 25.49 18.46 7.073 5273 230.0 277.7 79.7 24.82 17.62 7.315 5172 230.0 282.9 82.6 24.13 16.78 7.594 5067 230.0 288.3 86.1 23.43 15.96 7.923 4952 230.0 293.7 89.9 22.71 15.15 8.296 4839 230.0 303.8 98.2 21.99 14.35 8.690 4714</td> <td>230.0 244.9 77.3 30.59 24.55 7.090 5907 1881 230.0 241.5 78.8 29.81 23.80 7.232 5857 2040 230.0 245.3 75.0 29.18 23.16 6.863 5753 2188 230.0 249.3 73.7 28.59 22.42 6.737 5679 2322 230.0 253.2 73.3 28.05 21.71 6.702 5615 2437 230.0 257.8 73.4 27.44 20.92 6.715 5540 2552 230.0 262.4 74.1 26.81 20.11 6.781 5455 2658 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 230.0 277.7 79.7 24.82 17.62 7.315 5172 2928 230.0 282.9 82.6 24.13 16.78 7.594 5067 3003 230.0 288.3 86.1 23.43 15.96 7.923 4952 3071 230.0 293.7 89.9 22.71</td> <td>230.0 244.9 77.3 30.59 24.55 7.090 5907 1881 43.70 230.0 241.5 78.8 29.81 23.80 7.232 5857 2040 47.97 230.0 245.3 75.0 29.18 23.16 6.863 5753 2188 50.60 230.0 249.3 73.7 28.59 22.42 6.737 5679 2322 52.51 230.0 253.2 73.3 28.05 21.71 6.702 5615 2437 54.36 230.0 257.8 73.4 27.44 20.92 6.715 5540 2552 55.37 230.0 262.4 74.1 26.81 20.11 6.781 5455 2658 56.07 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 56.76 230.0 272.5 77.2 25.49 18.46 7.073 5273 2845 56.39 230.0 277.7 79.7 24.82 17.62 7.315 5172 2928 55.57 230.0 282.9 82.6 24.13 16.78 7.594 5067 3003 54.36 230.0 <</td> <td>230.0 244.9 77.3 30.59 24.55 7.090 5907 1881 43.70 0.979 230.0 241.5 78.8 29.81 23.80 7.232 5857 2040 47.97 1.165 230.0 245.3 75.0 29.18 23.16 6.863 5753 2188 50.60 1.318 230.0 249.3 73.7 28.59 22.42 6.737 5679 2322 52.51 1.452 230.0 253.2 73.3 28.05 21.71 6.702 5615 2437 54.36 1.577 230.0 257.8 73.4 27.44 20.92 6.715 5540 2552 55.37 1.682 230.0 262.4 74.1 26.81 20.11 6.781 5455 2658 56.07 1.774 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 56.76 1.863 230.0 272.5 77.2 25.49 18.46 7.073 5273 2845 56.39 1.910 230.0 277.7 79.7 24.82 17.62 7.315 5172 2928 55.57 1.937 230.0<td>230.0 244.9 77.3 30.59 24.55 7.090 5907 1881 43.70 0.979 12.4 230.0 241.5 78.8 29.81 23.80 7.232 5857 2040 47.97 1.165 14.8 230.0 245.3 75.0 29.18 23.16 6.863 5753 2188 50.60 1.318 17.1 230.0 249.3 73.7 28.59 22.42 6.737 5679 2322 52.51 1.452 19.1 230.0 253.2 73.3 28.05 21.71 6.702 5615 2437 54.36 1.577 21.0 230.0 257.8 73.4 27.44 20.92 6.715 5540 2552 55.37 1.682 22.7 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 56.76 1.863 25.9 230.0 272.5 77.2 25.49 18.46 7.073 5273 2845 56.39 1.910 27.0 230.0 282.9 82.6<</td><td>230.0 244.9 77.3 30.59 24.55 7.090 5907 1881 43.70 0.979 12.4 84.0 230.0 241.5 78.8 29.81 23.80 7.232 5857 2040 47.97 1.165 14.8 85.4 230.0 245.3 75.0 29.18 23.16 6.863 5753 2188 50.60 1.318 17.1 85.7 230.0 249.3 73.7 28.59 22.42 6.737 5679 2322 52.51 1.452 19.1 86.4 230.0 253.2 73.3 28.05 21.71 6.702 5615 2437 54.36 1.577 21.0 87.0 230.0 257.8 73.4 27.44 20.92 6.715 5540 2552 55.37 1.682 22.7 87.8 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 56.76 1.863 25.9 89.1 230.0 272.5 77.2 25.49 18.46 7.073 5273 2845 56.39 1.910 27.0 89.9 230.0 277.7 79.7 24.82 17.62 7.315 5172</td></td>	230.0 244.9 77.3 30.59 24.55 7.090 230.0 241.5 78.8 29.81 23.80 7.232 230.0 245.3 75.0 29.18 23.16 6.863 230.0 249.3 73.7 28.59 22.42 6.737 230.0 253.2 73.3 28.05 21.71 6.702 230.0 257.8 73.4 27.44 20.92 6.715 230.0 262.4 74.1 26.81 20.11 6.781 230.0 267.3 75.3 26.16 19.29 6.897 230.0 272.5 77.2 25.49 18.46 7.073 230.0 277.7 79.7 24.82 17.62 7.315 230.0 282.9 82.6 24.13 16.78 7.594 230.0 288.3 86.1 23.43 15.96 7.923 230.0 293.7 89.9 22.71 15.15 8.296 230.0 303.8 98.2 21.26 13.58 9.111 230.0 308.9 102.6 20.51 12.82 9.533 230.0 313.8 107.1 19.75 12.09 9.987	230.0 244.9 77.3 30.59 24.55 7.090 5907 230.0 241.5 78.8 29.81 23.80 7.232 5857 230.0 245.3 75.0 29.18 23.16 6.863 5753 230.0 249.3 73.7 28.59 22.42 6.737 5679 230.0 253.2 73.3 28.05 21.71 6.702 5615 230.0 257.8 73.4 27.44 20.92 6.715 5540 230.0 262.4 74.1 26.81 20.11 6.781 5455 230.0 267.3 75.3 26.16 19.29 6.897 5362 230.0 272.5 77.2 25.49 18.46 7.073 5273 230.0 277.7 79.7 24.82 17.62 7.315 5172 230.0 282.9 82.6 24.13 16.78 7.594 5067 230.0 288.3 86.1 23.43 15.96 7.923 4952 230.0 293.7 89.9 22.71 15.15 8.296 4839 230.0 303.8 98.2 21.99 14.35 8.690 4714	230.0 244.9 77.3 30.59 24.55 7.090 5907 1881 230.0 241.5 78.8 29.81 23.80 7.232 5857 2040 230.0 245.3 75.0 29.18 23.16 6.863 5753 2188 230.0 249.3 73.7 28.59 22.42 6.737 5679 2322 230.0 253.2 73.3 28.05 21.71 6.702 5615 2437 230.0 257.8 73.4 27.44 20.92 6.715 5540 2552 230.0 262.4 74.1 26.81 20.11 6.781 5455 2658 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 230.0 277.7 79.7 24.82 17.62 7.315 5172 2928 230.0 282.9 82.6 24.13 16.78 7.594 5067 3003 230.0 288.3 86.1 23.43 15.96 7.923 4952 3071 230.0 293.7 89.9 22.71	230.0 244.9 77.3 30.59 24.55 7.090 5907 1881 43.70 230.0 241.5 78.8 29.81 23.80 7.232 5857 2040 47.97 230.0 245.3 75.0 29.18 23.16 6.863 5753 2188 50.60 230.0 249.3 73.7 28.59 22.42 6.737 5679 2322 52.51 230.0 253.2 73.3 28.05 21.71 6.702 5615 2437 54.36 230.0 257.8 73.4 27.44 20.92 6.715 5540 2552 55.37 230.0 262.4 74.1 26.81 20.11 6.781 5455 2658 56.07 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 56.76 230.0 272.5 77.2 25.49 18.46 7.073 5273 2845 56.39 230.0 277.7 79.7 24.82 17.62 7.315 5172 2928 55.57 230.0 282.9 82.6 24.13 16.78 7.594 5067 3003 54.36 230.0 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56.76 1.863 25.9 230.0 272.5 77.2 25.49 18.46 7.073 5273 2845 56.39 1.910 27.0 230.0 282.9 82.6<</td> <td>230.0 244.9 77.3 30.59 24.55 7.090 5907 1881 43.70 0.979 12.4 84.0 230.0 241.5 78.8 29.81 23.80 7.232 5857 2040 47.97 1.165 14.8 85.4 230.0 245.3 75.0 29.18 23.16 6.863 5753 2188 50.60 1.318 17.1 85.7 230.0 249.3 73.7 28.59 22.42 6.737 5679 2322 52.51 1.452 19.1 86.4 230.0 253.2 73.3 28.05 21.71 6.702 5615 2437 54.36 1.577 21.0 87.0 230.0 257.8 73.4 27.44 20.92 6.715 5540 2552 55.37 1.682 22.7 87.8 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 56.76 1.863 25.9 89.1 230.0 272.5 77.2 25.49 18.46 7.073 5273 2845 56.39 1.910 27.0 89.9 230.0 277.7 79.7 24.82 17.62 7.315 5172</td>	230.0 244.9 77.3 30.59 24.55 7.090 5907 1881 43.70 0.979 12.4 230.0 241.5 78.8 29.81 23.80 7.232 5857 2040 47.97 1.165 14.8 230.0 245.3 75.0 29.18 23.16 6.863 5753 2188 50.60 1.318 17.1 230.0 249.3 73.7 28.59 22.42 6.737 5679 2322 52.51 1.452 19.1 230.0 253.2 73.3 28.05 21.71 6.702 5615 2437 54.36 1.577 21.0 230.0 257.8 73.4 27.44 20.92 6.715 5540 2552 55.37 1.682 22.7 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 56.76 1.863 25.9 230.0 272.5 77.2 25.49 18.46 7.073 5273 2845 56.39 1.910 27.0 230.0 282.9 82.6<	230.0 244.9 77.3 30.59 24.55 7.090 5907 1881 43.70 0.979 12.4 84.0 230.0 241.5 78.8 29.81 23.80 7.232 5857 2040 47.97 1.165 14.8 85.4 230.0 245.3 75.0 29.18 23.16 6.863 5753 2188 50.60 1.318 17.1 85.7 230.0 249.3 73.7 28.59 22.42 6.737 5679 2322 52.51 1.452 19.1 86.4 230.0 253.2 73.3 28.05 21.71 6.702 5615 2437 54.36 1.577 21.0 87.0 230.0 257.8 73.4 27.44 20.92 6.715 5540 2552 55.37 1.682 22.7 87.8 230.0 267.3 75.3 26.16 19.29 6.897 5362 2756 56.76 1.863 25.9 89.1 230.0 272.5 77.2 25.49 18.46 7.073 5273 2845 56.39 1.910 27.0 89.9 230.0 277.7 79.7 24.82 17.62 7.315 5172

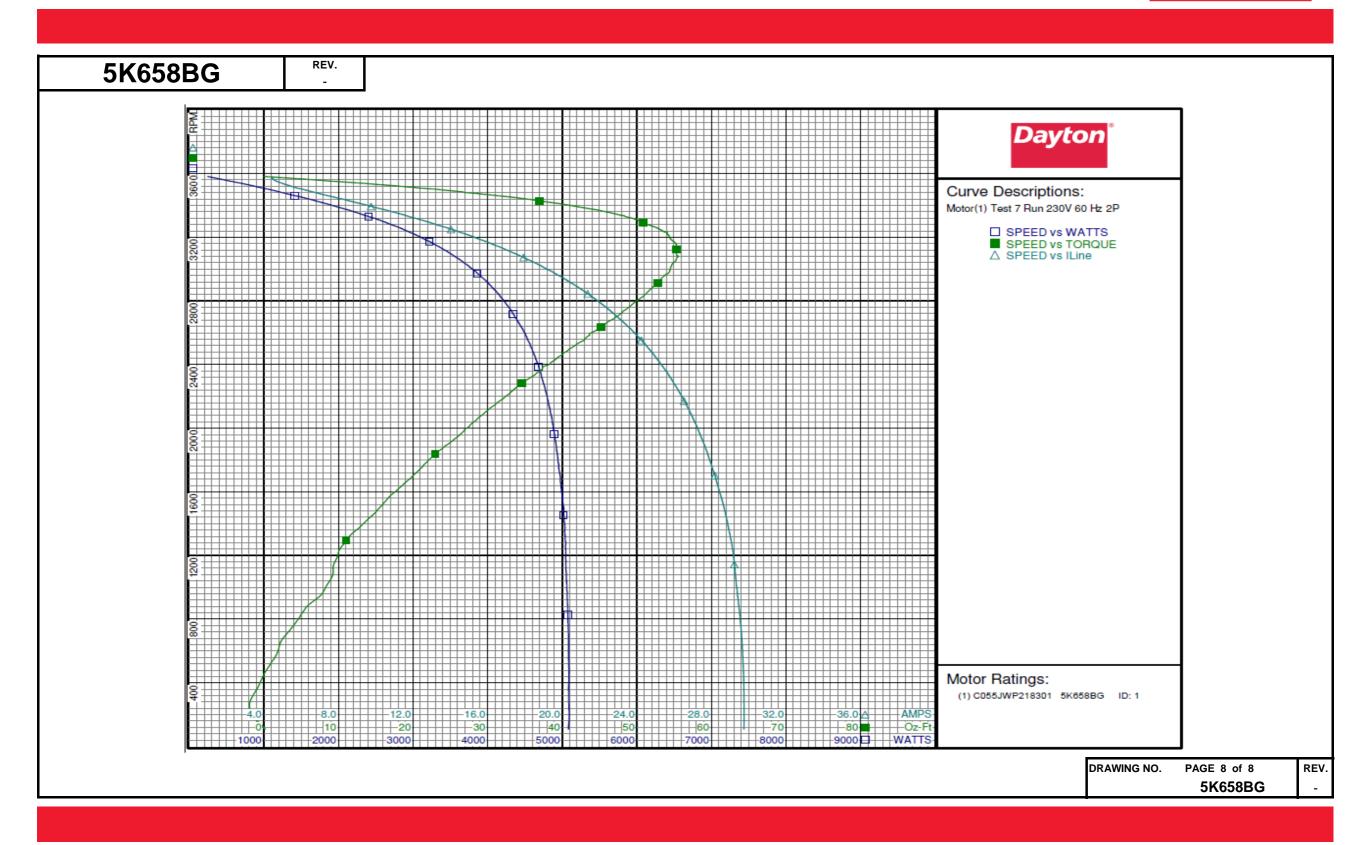






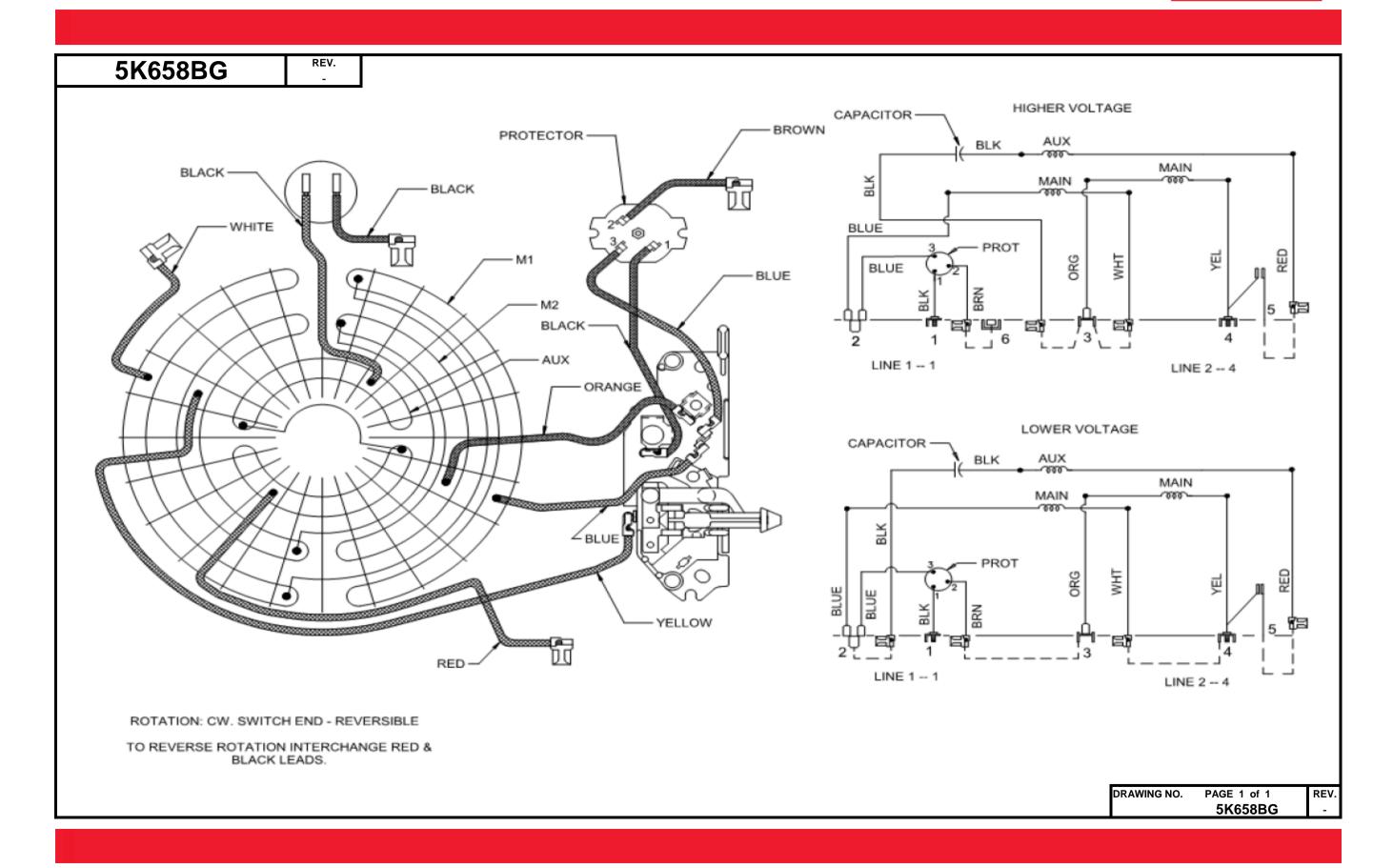
5K658BG	REV.									
				Da	yton Ma	nufactu	ring Cor	npany		
Motor Des	cription					Test Con	ditions			
Model:		8301 5K658I	BG	Test Type:	Run		Run Ca	ap:	0	
Motor ID:	1			Test Number			Start C		198µfd	
Poles:	2			Poles:	2		Enviro			
Volts:	115/230			Volts:	230		Tested:		3/24/2004 2:0	04:30 PM
Frequency:	60			Hz:	60		Tested		Clausner, Ch	
HP:	3/4			Rotation:	00		Gear R		1:1	
Speed:	3450			Special Cor	nd:				-0.19 Oz-Ft	
Phase:	1			Speed Conr					:-1.57 Oz-Ft	
Protector:	AUTO			TestBoard:		erformance		ge Torque	1,57 02-14	
Special Points	Vline(V)	Iline (A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF (%)		
	230.0	4.42	245	3580	0.00	0.000	0.0	24.1		
18.26 OZ-FT	230.0 230.0	4.90 5.47	665 877	3541 3519	12.42 18.26	0.524 0.765	58.7 65.1	59.0 69.7		
16.26 02-21	230.0	6.05	1056	3501	22.95	0.956	67.6	75.8		
27.4 OZ-FT	230.0	6.80	1255	3478	27.40	1.134	67.4	80.3		
1.125 HP	230.0	6.77	1247	3479	27.16	1.125	67.3	80.1		
24EO DDW	230.0	7.42	1417	3460	31.34	1.291	68.0	83.0		
3450 RPM	230.0 230.0	7.78 8.88	1507 1764	3450 3419	33.30 38.25	1.368 1.557	67.7 65.8	84.2 86.4		
	230.0	10.35	2094	3375	44.06	1.770	63.1	88.0		
	230.0	11.77	2405	3330	48.45	1.920	59.6	88.9		
	230.0	13.19	2694	3281	51.40	2.007	55.6	88.8		
	230.0 230.0	14.57 15.91	2964 3220	3228 31 7 2	54.10 54.94	2.079	52.3 48.1	88.5 88.0		
	230.0	17.17	3450	3111	55.19	2.044	44.2	87.4		
BDT OZ-FT	230.0	17.80	3560	3078	55.58	2.037	42.7	86.9		
	230.0 230.0	18.42 19.61	3666 3863	3045 2972	55.09	1.997	40.6 37.0	86.5 85.7		
	230.0	20.72	4042	2894	54.20 52.51	1.809	33.4	84.8		
	230.0	21.79	4201	2810	50.32	1.683	29.9	83.8		
	230.0	22.78	4343	2716	47.75	1.544	26.5	82.9		
	230.0 230.0	23.73 24.59	4474 4585	2615 2506	44.61 41.34	1.389	23.2	82.0 81.1		
	230.0	25.40	4682	2385	37.40	1.062	16.9	80.1		
	230.0	26.15	4768	2253	33.79	0.906	14.2	79.3		
	230.0	26.81	4839	2113	30.05	0.756	11.7	78.5		
	230.0 230.0	27.38 27.89	4895 4943	1964 1803	26.37 22.17	0.617	9.4 7.2	77.7 77.1		
	230.0	28.35	4985	1636	18.47	0.360	5.4	76.5		
	230.0	28.77	5020	1452	14.55	0.251	3.7	75.8		
	230.0	29.11	5041	1258	10.44	0.156	2.3	75.3		
	230.0 230.0	29.30 29.52	5053 5076	1057 827	9.05 4.95	0.114	1.7	75.0 74.8		
	230.0	29.68	5084	582	1.73	0.012	0.2	74.5		
	230.0	29.75	5089	325	-1.41	-0.005	0.0	74.4		
									DRAWING NO.	PAGE 7 of 8
										5K658B0





Wiring Diagram





Dayton®

JET PUMP MOTOR

HP: 3/4 VOLTS: 115/230

DUTY: CONT

KVA CODE: P

SF: 1.5



Part 5K658BG Disconnect Power Before Making

AMPS: 11.6/5.8 PH: 1 **RPM**: 3450 HZ: 60

FR: 56C INS CL: B

AMB: 40 °C

ENCL: ODP SFA: 14.8/7.4 THERMALLY PROTECTED: AUTO AVG. F.L. MFG. NO. _____ PROT. CODE : ___00310 MTR REF: C55JXJWP-2183

E37403



RED AND BLACK LEADS

CONNECTIONS LOW VOLTAGE HIGH VOLTAGE NEUTRA IS CCW ROTATION SHAFT END TO REVERSE ROTATION INTERCHANGE

Any Electrical Connections or Changes

Made in Mexico

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