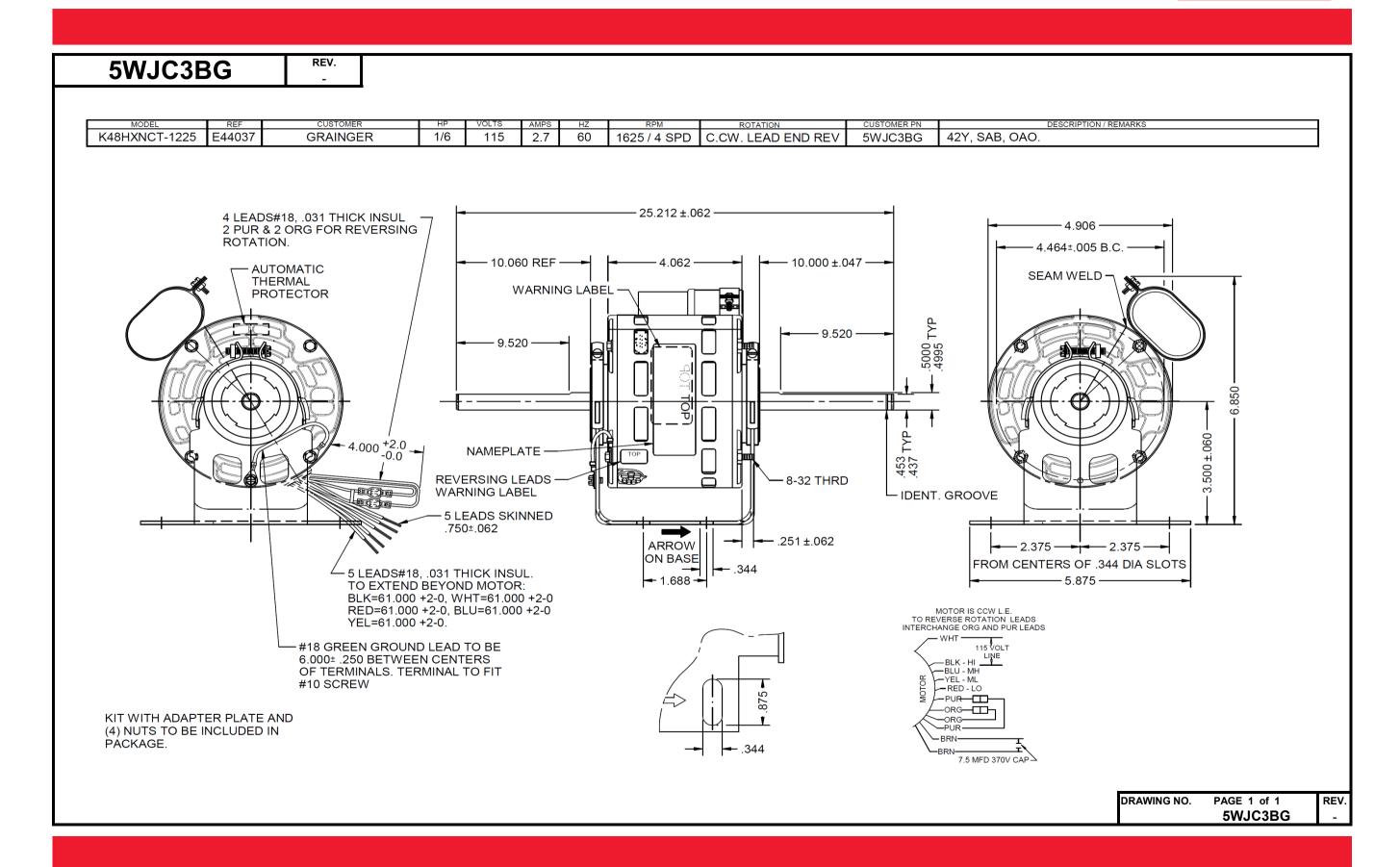
Dimensional Drawing







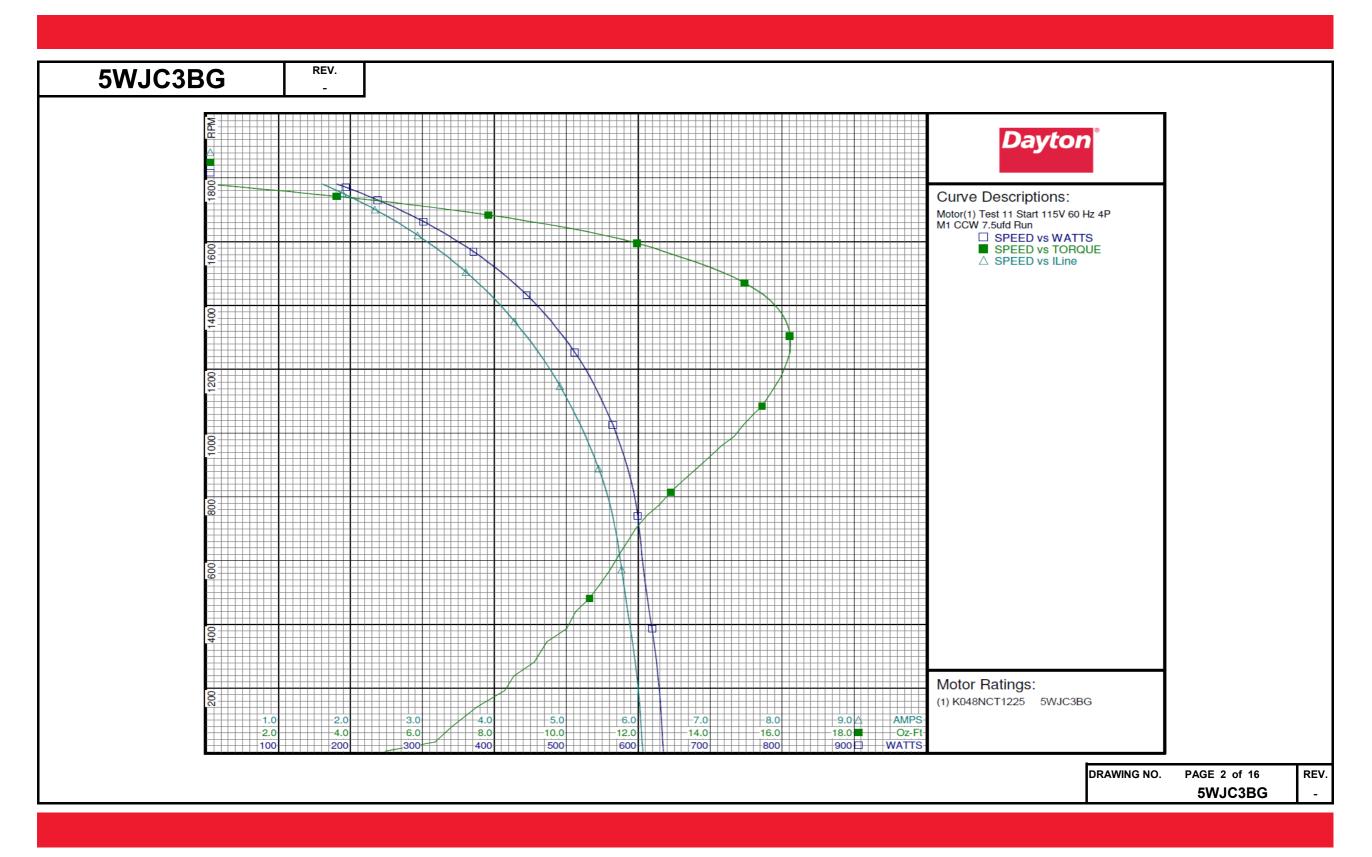
REV. 5WJC3BG **MOTOR PERFORMANCE** 1/6 HP HP: Poles: HI-MED MED-LOW 4 Ш LOW 4 No. of Speeds: 115 Volts: 115 115 115 115 60 60 HZ: 60 60 60 Service Factor: Efficiency: @ Rated Load 38.7 38.3 36.8 35.3 Power Factor: @ Rated Load 99.5 99.6 99.5 99.4 @ No Load Amps: @ Rated Load 2.731 2.152 1.654 1.32 @ Service Factor 2.731 2.152 1.654 1.32 4.165 @ Locked Rotor 6.051 3.164 2.479 RPM: @ Rated Load 1649 1601 1594 1585 Ambient (°C): 60 Altitude (FASL): Breakdown 16.96 11.733 8.89 6.905 Torques: Locked Rotor 6.351 5.155 4.177 3.01 Pull-Up 6.51 5.155 4.177 3.017 8.26 6.64 4.92 3.78 Rated Load Service Factor 8.26 6.64 4.92 3.78 Watts: Rated Load 312.5 246.4 189.2 150.8 KVA Code: Temperature Rise: @ Rated Load @ Service Factor Thermal Protector: Trip Temp (°C) Cu Cu Cu Winding Material: Start (Auxiliary) Cu Run (Main) Cu Cu Cu Cu Capacitor(s): Start (MFD / Volts) No. of Start Capacitors Run (MFD / Volts) 7.5 mfd, 370v No. of Run Capacitors

DRAWING NO. PAGE 1 of 1 REV. 5WJC3BG -



WJC3BG	REV.			Davi	ton Mai	nufacti	uring Con	nnany			
Motor Des	crintion			Day			nditions	прапу			
Model: Motor ID: Poles: Volts: Frequency: HP: Speed: Phase: Protector:	K048NCT1225 5WJC3BG 4 115 60 1/6 1625 1 7AM036-A5		Test Type: Test Number: Poles: Volts: Hz: Rotation: Special Cond: Speed Conn: TestBoard:	Start 11 4 115 60 CCW	Run Cap: Start Cap: Environment: Tested: Tested By: Gear Ratio: Bearing Friction: Windage Torque Line Three Phase #2 Fixture #1		11/14/2016 Navarro, Su 1:1 -1.20 Oz-Ft	;			
Special Points	Vline(V)	Vaux (V)	Vcap(V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	НР	Eff(%)	PF (%)	
	115.0 115.0	87.3 95.7	188.9 184.3	6.051 6.001	633.8 629.4	31 192	6.351 8.289	0.002	0.3 2.3	91.1 91.2	
	115.0	104.7	180.4	5.919	621.7	345	9.456	0.019	4.7	91.3	
	115.0	113.9	177.3	5.826	612.6	482	10.646	0.061	7.4	91.4	
	115.0	126.8	176.0	5.739	605.0	618	11.460	0.084	10.4	91.7	
	115.0	142.5	179.9	5.643	599.1	740	12.229	0.108	13.4	92.3	
	115.0	158.2	186.5	5.503	589.5	855	13.284	0.135	17.1	93.1	
	115.0	174.2	194.6	5.322	575.2	960	14.313	0.164	21.2	94.0	
	115.0	189.9	203.7	5.123	558.3	1057	15.191	0.191	25.6	94.8	
	115.0	205.5	214.1	4.911	539.5	1147	15.803	0.216	29.8	95.5	
	115.0	221.8	226.0	4.685	518.6	1229	16.151	0.236	34.0	96.3	
	115.0	238.7	239.4	4.444	495.3	1304	16.215	0.252	37.9	96.9	
	115.0	254.8	253.4	4.195	470.5	1372	16.004	0.261	41.4	97.5	
	115.0 115.0	270.8 286.4	268.0 283.1	3.943 3.683	444.7 417.4	1433 1489	15.481 14.647	0.264	44.3 46.4	98.1 98.6	
	115.0	301.2	298.3	3.424	389.5	1538	13.551	0.248	47.5	98.9	
	115.0	315.0	312.9	3.178	362.5	1582	12.381	0.233	48.0	99.2	
	115.0	327.6	327.0	2.933	335.3	1620	11.039	0.213	47.4	99.4	
	115.0	340.1	341.4	2.697	308.6	1654	9.466	0.186	45.1	99.5	
	115.0	350.1	353.8	2.476	283.4	1683	7.829	0.157	41.3	99.5	
	115.0	359.4	365.7	2.276	260.3	1709	6.178	0.126	36.0	99.5	
	115.0	367.1	376.6	2.084	237.7	1730	4.585	0.094	29.6	99.2	
	115.0	373.6	385.7	1.932	219.8	1747	3.127	0.065	22.1	98.9	
	115.0	378.0	392.6	1.793	203.4	1762	1.816	0.038	14.0	98.6	
	115.0	380.8	397.7	1.675	189.1	1774	0.688	0.015	5.7	98.2	
	115.0	382.3	400.5	1.606	180.8	1780	0.000	0.000	0.0	97.9	
										DRAWING NO.	PAGE 1 d

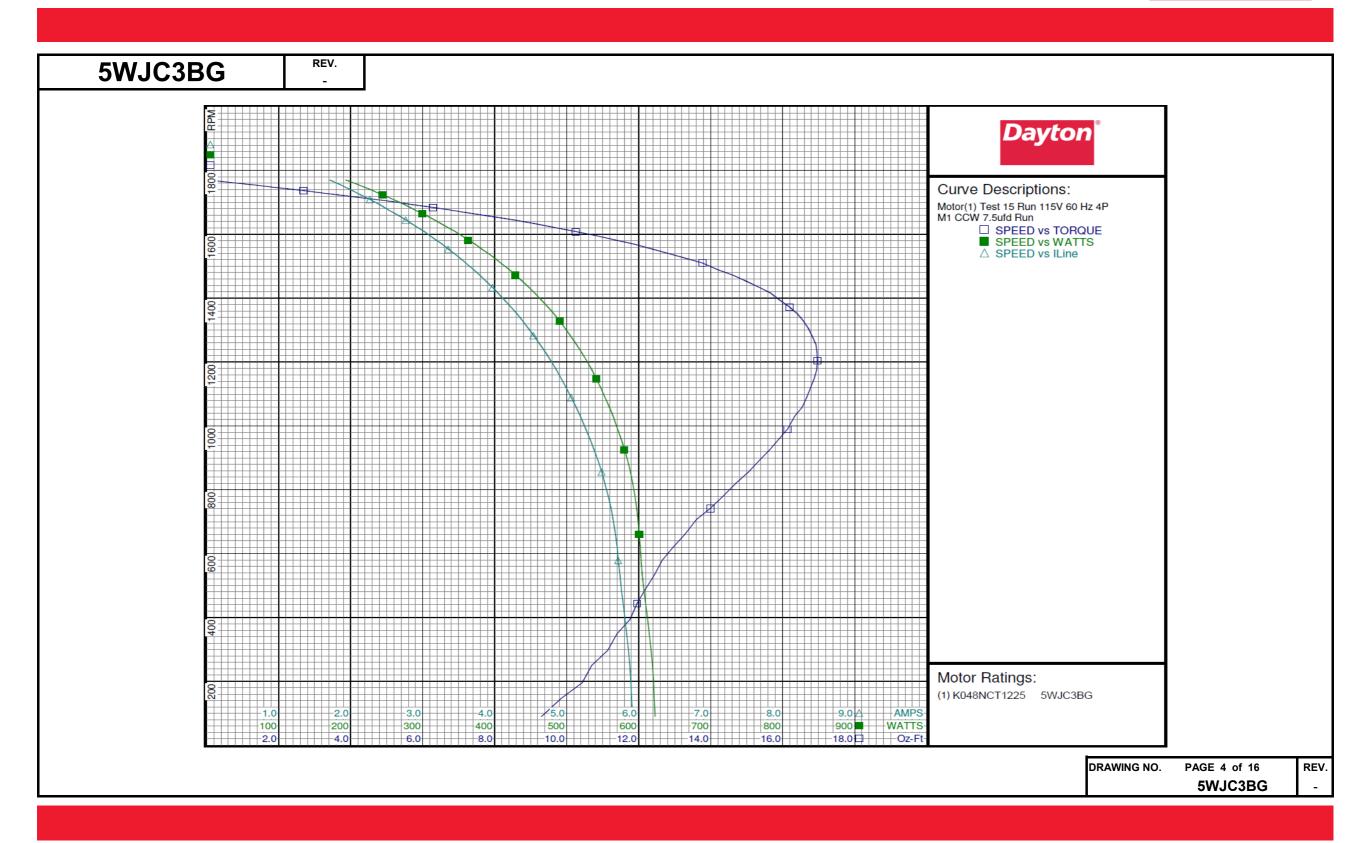






WJC3 E	BG	REV.										
					Davi	ton Ma	nufactu	ıring Con	npany			
N	Iotor Des	erintion					Test Cor		1 - 5			
	fodel:	K048NCT122	5 5WJC3	BG	Test Type:	Run	Test Col	Run Ca	p:	7.5		
	Iotor ID:				Test Number:	15		Start Ca		0μfd		
	oles:	4			Poles:	4		Enviror			65 % RH	968 hPa
V	olts:	115			Volts:	115		Tested:		11/14/2016		
Fr	requency:	60			Hz:	60		Tested	By:	Navarro, Su	sana	
H	P:	1/6			Rotation:	CCW		Gear R	atio:	1:1		
SI	peed:	1625			Special Cond:			Bearing	Friction:	-1.08 Oz-Ft		
Pl	hase:	1			Speed Conn:	M1				: -1.45 Oz-Ft		
Pı	rotector:	7AM036-A5			TestBoard:	CMD In	Line Three	Phase #2 Fi	xture #1			
Special	Points	Vline(V)	Vaux (V)	Vcap (V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	нр	Eff(%)	PF(%)	
		115.0 115.0	380.7 378.3	396.6 392.9	1.705 1.781	192.8	1770 1762	0.000 0.627	0.000	0.0 4.9	98.3 98.6	
		115.0	375.1	388.0	1.868	212.3	1753	1.384	0.029	10.2	98.8	
		115.0 115.0	371.6	382.6	1.973 2.077	224.7	1742	2.242	0.047	15.4	99.0	
		115.0	367.4 363.0	376.5 370.0	2.201	236.9 251.4	1730 1716	3.137 4.153	0.065 0.085	20.3 25.2	99.2 99.3	
		115.0	358.1	363.1	2.324	265.8	1702	5.167	0.105	29.4	99.5	
		115.0 115.0	351.2 344.3	354.4 345.7	2.465 2.620	282.2	1684 1664	6.280 7.404	0.126 0.147	33.3 36.5	99.5 99.5	
8.26 0	Z-FT	115.0	339.0	339.2	2.731	312.5	1649	8.260	0.162	38.7	99.5	
0.16 H	P	115.0	339.8	340.2	2.716	310.8	1651	8.139	0.160	38.4	99.5	
		115.0 115.0	337.1 329.5	337.1 328.0	2.765 2.928	316.4 334.7	1644 1621	8.539 9.658	0.167 0.186	39.4 41.5	99.5 99.4	
		115.0	320.6	318.0	3.100	353.9	1595	10.811	0.205	43.3	99.3	
11.38	OZ-FT	115.0	315.7	312.7	3.189	363.8	1581	11.380	0.214	43.9	99.2	
		115.0 115.0	311.6 301.9	308.0 297.7	3.269 3.448	372.7 392.3	1569 1538	11.871 12.884	0.222	44.4 44.8	99.1 98.9	
		115.0	293.4	289.0	3.596	408.3	1510	13.764	0.247	45.2	98.7	
		115.0	282.1	277.6	3.791	429.0	1472	14.614	0.256	44.5	98.4	
		115.0 115.0	271.4 260.5	267.3 257.2	3.969 4.139	447.7 465.1	1433 1393	15.355 15.923	0.262	43.7 42.3	98.1 97.7	
		115.0	250.0	247.7	4.309	482.3	1350	16.405	0.264	40.8	97.3	
		115.0	239.0	238.4	4.469	498.1	1304	16.716 16.921	0.260 0.253	38.9	96.9	
BDT OZ-	-FT	115.0 115.0	228.0 217.3	229.6 221.3	4.628 4.777	513.5 527.6	1254 1204	16.921	0.253	36.7 34.4	96.5 96.0	
_		115.0	217.3	221.3	4.777	527.6	1204	16.960	0.243	34.4	96.0	
		115.0 115.0	206.2 195.7	213.3	4.924 5.062	541.0 553.2	1147 1088	16.873 16.661	0.230 0.216	31.8 29.1	95.5 95.0	
		115.0	185.7	200.1	5.189	564.3	1031	16.336	0.210	26.5	94.6	
		115.0	174.9	194.0	5.320	575.3	960	15.905	0.182	23.6	94.0	
		115.0 115.0	164.7 154.6	188.7 184.0	5.433 5.528	584.4 591.5	891 821	15.349 14.703	0.163	20.8 18.1	93.5 93.0	
		115.0	144.0	179.7	5.615	597.2	742	13.991	0.124	15.4	92.5	
		115.0	133.4	176.3	5.676	600.6	660	13.283	0.104	13.0	92.0	
		115.0 115.0	124.1 115.7	175.3 176.2	5.716 5.758	603.1 607.0	579 487	12.651 12.178	0.087	10.8 8.7	91.7 91.7	
		115.0	109.1	178.5	5.809	612.4	394	11.758	0.055	6.7	91.7	
		115.0 115.0	103.1 97.4	180.7 183.3	5.857 5.890	617.2 620.6	297 195	11.135 10.431	0.039	4.8 2.9	91.6 91.6	
		115.0	91.8	186.2	5.914	622.8	89	9.298	0.010	1.2	91.6	
											DRAWING NO.	PAGE 3 d
												5WJC

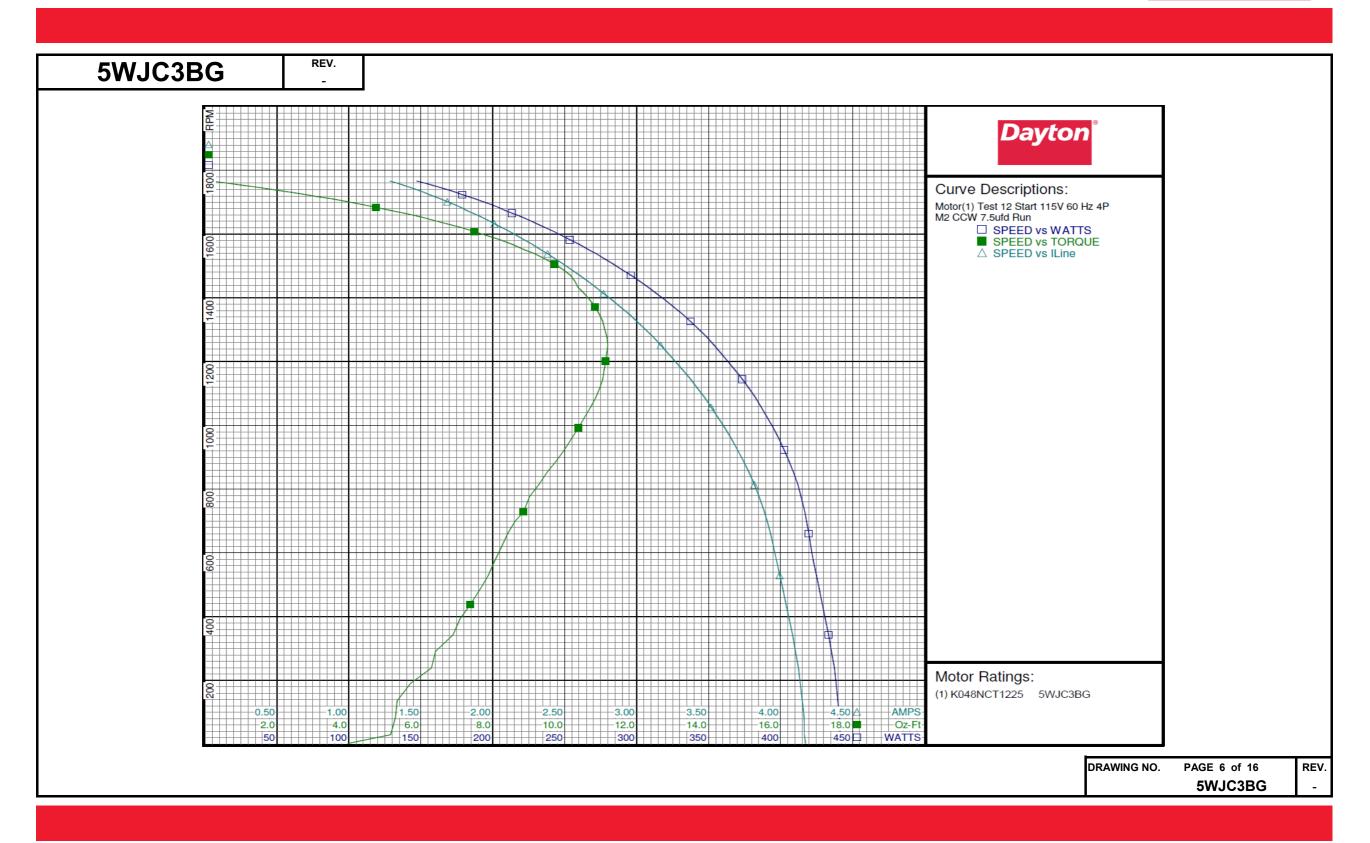






5WJC3BG	REV.			Dove	on Ma	nufacti	ıring Cor	nnany			
Motor Desc	cription			Day		Test Co		прапу			
Model: Motor ID: Poles: Volts: Frequency: HP: Speed: Phase: Protector:	K048NCT122 4 115 60 1/6 1625 1 7AM036-A5	25 5WJC3	BG	Test Type: Test Number: Poles: Volts: Hz: Rotation: Special Cond: Speed Conn: TestBoard:	Start 12 4 115 60 CCW	Run Cap: Start Cap: Environment: Tested: Tested By: Gear Ratio: Bearing Friction Windage Torque Line Three Phase #2 Fixture #1		ap: nment: By: atio: g Friction: ge Torque	11/14/2016 Navarro, Su 1:1 -1.31 Oz-Ft	t	
Special Points	Vline(V) 115.0 115.0 115.0 115.0 115.0	Vaux (V) 82.1 86.7 91.8 97.5 103.3	Vcap (V) 167.9 165.0 162.6 160.6 158.9	1line (A) 4.165 4.150 4.124 4.083 4.038	Watts 441.4 439.8 437.4 433.4 429.0	29 136 239 343 438	Tq(Oz-ft) 5.155 5.342 6.293 6.895 7.372	0.002 0.009 0.018 0.028 0.038	Eff(%) 0.3 1.5 3.0 4.8 6.7	PF(%) 92.2 92.2 92.3 92.4	
	115.0 115.0 115.0 115.0 115.0 115.0	109.5 117.2 126.1 135.1 144.2 153.1	157.7 157.5 159.5 162.6 166.6 170.8	3.995 3.952 3.907 3.850 3.779 3.700	424.9 421.1 418.1 414.1 408.9 402.4	529 616 699 777 853 923	7.874 8.232 8.617 9.025 9.513 9.990	0.050 0.060 0.072 0.083 0.097 0.110	8.7 10.7 12.8 15.0 17.6 20.3	92.5 92.7 93.1 93.5 94.1 94.6	
	115.0 115.0 115.0 115.0 115.0	162.1 171.3 180.3 189.6 199.0 207.8	175.4 180.7 186.2 192.5 199.0 205.5	3.612 3.518 3.421 3.317 3.212 3.116	394.9 386.6 377.8 368.0 358.0 348.8	992 1056 1117 1175 1229 1276	10.385 10.714 10.973 11.098 11.169 11.172	0.123 0.135 0.146 0.155 0.163 0.170	23.2 26.0 28.8 31.5 34.0 36.3	95.1 95.6 96.0 96.5 96.9 97.3	
	115.0 115.0 115.0 115.0 115.0	217.7 227.5 236.7 245.6 254.7	213.2 221.4 229.4 237.4 245.8	3.001 2.885 2.771 2.659 2.545	337.3 325.5 313.8 302.0 289.7	1325 1371 1413 1452 1488	11.055 10.840 10.545 10.277 9.954	0.174 0.177 0.177 0.178 0.176	38.6 40.6 42.2 43.9 45.4	97.7 98.1 98.5 98.8 99.0	
	115.0 115.0 115.0 115.0	263.4 271.0 280.4 287.6 295.2 302.8	254.3 261.6 271.0 278.6 286.8	2.434 2.332 2.215 2.117 2.012	277.6 266.4 253.4 242.5 230.6	1522 1551 1582 1607 1632	9.447 8.866 8.188 7.484 6.720	0.171 0.164 0.154 0.143 0.131	46.0 45.8 45.4 44.1 42.2	99.2 99.4 99.5 99.6 99.7	
	115.0 115.0 115.0 115.0 115.0 115.0	302.8 309.4 315.9 321.2 326.3 330.9 334.6	295.0 302.7 310.0 316.7 323.1 328.8 333.8	1.913 1.816 1.733 1.641 1.559 1.492 1.415	219.4 208.3 198.8 188.2 178.8 171.1 162.1	1655 1674 1692 1709 1723 1735 1748	5.947 5.137 4.364 3.575 2.806 2.097 1.385	0.117 0.102 0.088 0.073 0.058 0.043 0.029	39.8 36.7 33.0 28.8 24.0 18.9	99.7 99.7 99.8 99.8 99.7 99.7	
	115.0 115.0	337.5 339.8	337.8 341.3	1.348 1.285	154.4 147.1	1757 1766	0.737 0.144	0.015 0.003	7.5 1.5	99.6 99.5 DRAWING NO.	PAGE 5 of 16 5WJC3BG



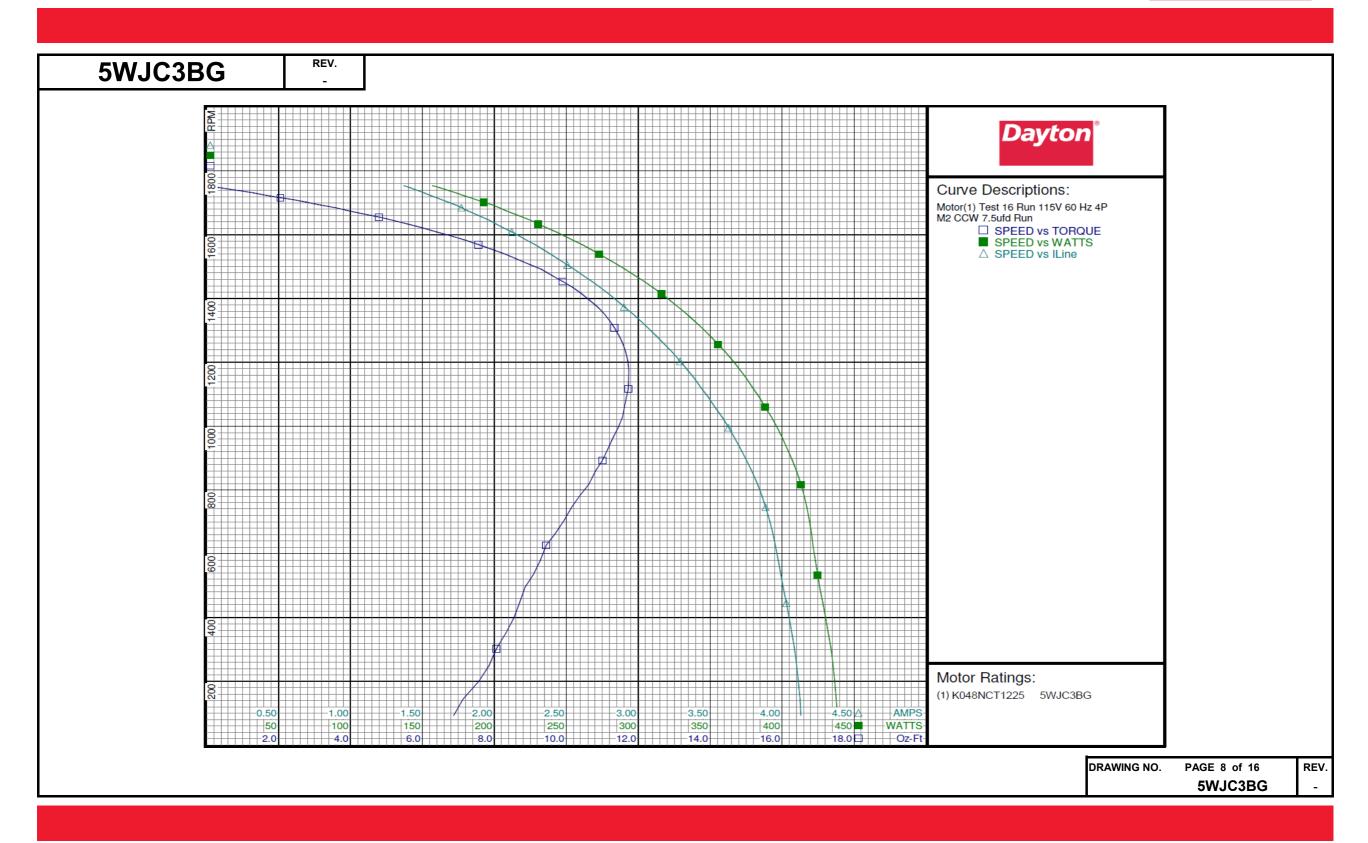




5WJC3BG

NJC3BG	REV.										
				Day	ton Ma	nufactu	ıring Con	npany			
Motor Des	cription					Test Co	nditions				
Model:	K048NCT1225	5 5WJC3I	BG	Test Type:	Run		Run Ca	p:	7.5		
Motor ID:				Test Number:	16		Start C	ap:	0µfd		
Poles:	4			Poles:	4		Enviror			62 % RH 96	7 hPa
Volts:	115			Volts:	115		Tested:		11/14/2016		
Frequency:	60			Hz:	60		Tested		Navarro, Su		
HP:	1/6			Rotation:	CCW		Gear R		1:1		
Speed:	1625			Special Cond:					-1.33 Oz-Ft		
Phase:	1			Speed Conn:	M2				: -1.64 Oz-Ft		
Protector:	7AM036-A5			TestBoard:		Line Three	Phase #2 Fi		. 1.0. 0210		
Special Points	Vline(V)	Vaux (V)	Vcap (V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF(%)	
	115.0 115.0	336.9 334.9	336.9 334.2	1.369 1.409	156.8 161.4	1754 1748	0.000 0.317	0.000	0.0 3.0	99.6 99.6	
	115.0	331.3	329.4	1.476	169.1	1737	0.975	0.020	8.9	99.7	
	115.0	326.5	323.3	1.557	178.6	1723	1.686	0.035	14.4	99.7	
	115.0 115.0	322.3 316.2	317.8 310.2	1.632 1.733	187.2 198.8	1709 1693	2.409 3.173	0.049	19.5 24.0	99.7 99.7	
	115.0	310.0	303.0	1.817	208.4	1675	3.967	0.079	28.3	99.8	
	115.0	303.6	295.7	1.913	219.4	1655	4.789	0.094	32.1	99.7	
0.40	115.0	296.1	287.3	2.012	230.7	1633	5.590	0.109	35.1	99.7	
0.12 HP	115.0 115.0	289.9 288.4	280.6 279.0	2.100 2.122	240.6 243.1	1613 1608	6.250 6.395	0.120 0.122	37.2 37.6	99.6 99 . 6	
6.64 OZ-FT	115.0	286.1	276.5	2.152	246.4	1601	6.640	0.127	38.3	99.6	
	115.0	280.9	271.1	2.221	254.2	1583	7.171	0.135	39.7	99.5	
0 22 05 55	115.0	272.2	262.3	2.336	267.0	1554	7.931	0.147	41.0	99.4	
8.33 OZ-FT	115.0 115.0	267.8 263.6	257.9 253.8	2.395 2.449	273.4 279.4	1538 1522	8.330 8.651	0.152 0.157	41.6 41.9	99.3 99.2	
	115.0	255.7	246.2	2.553	290.8	1492	9.296	0.165	42.4	99.0	
	115.0	245.8	236.9	2.679	304.2	1453	9.902	0.171	42.0	98.8	
	115.0 115.0	236.8 227.9	228.8	2.794	316.4	1414 1374	10.431 10.858	0.176 0.178	41.4 40.5	98.4 98.1	
	115.0	218.0	221.1 212.9	2.901 3.018	327.4 339.2	1328	11.213	0.177	39.0	97.7	
	115.0	208.1	205.2	3.133	350.7	1279	11.484	0.175	37.2	97.3	
	115.0	199.3	198.5	3.235	360.6	1232	11.647	0.171	35.3	96.9	
BDT OZ-FT	115.0 115.0	189.6 189.6	191.7 191.7	3.340 3.340	370.6 370.6	1177 1177	11.733 11.733	0.164 0.164	33.1 33.1	96.5 96.5	
	115.0	180.4	185.7	3.439	379.7	1118	11.721	0.156	30.6	96.0	
	115.0	171.6	180.2	3.532	388.1	1059	11.612	0.146	28.1	95.5	
	115.0	162.4	175.0	3.627	396.5	995	11.441	0.136	25.5	95.1	
	115.0 115.0	153.9 144.9	170.5 166.4	3.709 3.788	403.4 410.0	930 859	11.162 10.811	0.124		94.6 94.1	
	115.0	135.7	162.4	3.859	415.3	782	10.372	0.097		93.6	
	115.0	126.9	159.2	3.913	418.9	703	9.927	0.083		93.1	
	115.0 115.0	118.6 110.3	157.1 157.0	3.952 3.992	421.4 424.7	626 534	9.434 9.075	0.070 0.058	12.4 10.1	92.7 92.5	
	115.0	104.0	158.2	4.030	428.3	445	8.694	0.046		92.4	
	115.0	98.5	159.9	4.067	432.1	351	8.318	0.035	6.0	92.4	
	115.0	93.2	162.0	4.101	435.4	249	7.848	0.023		92.3	
	115.0	87.5	164.0	4.123	437.6	144	7.125	0.012	2.1	92.3	

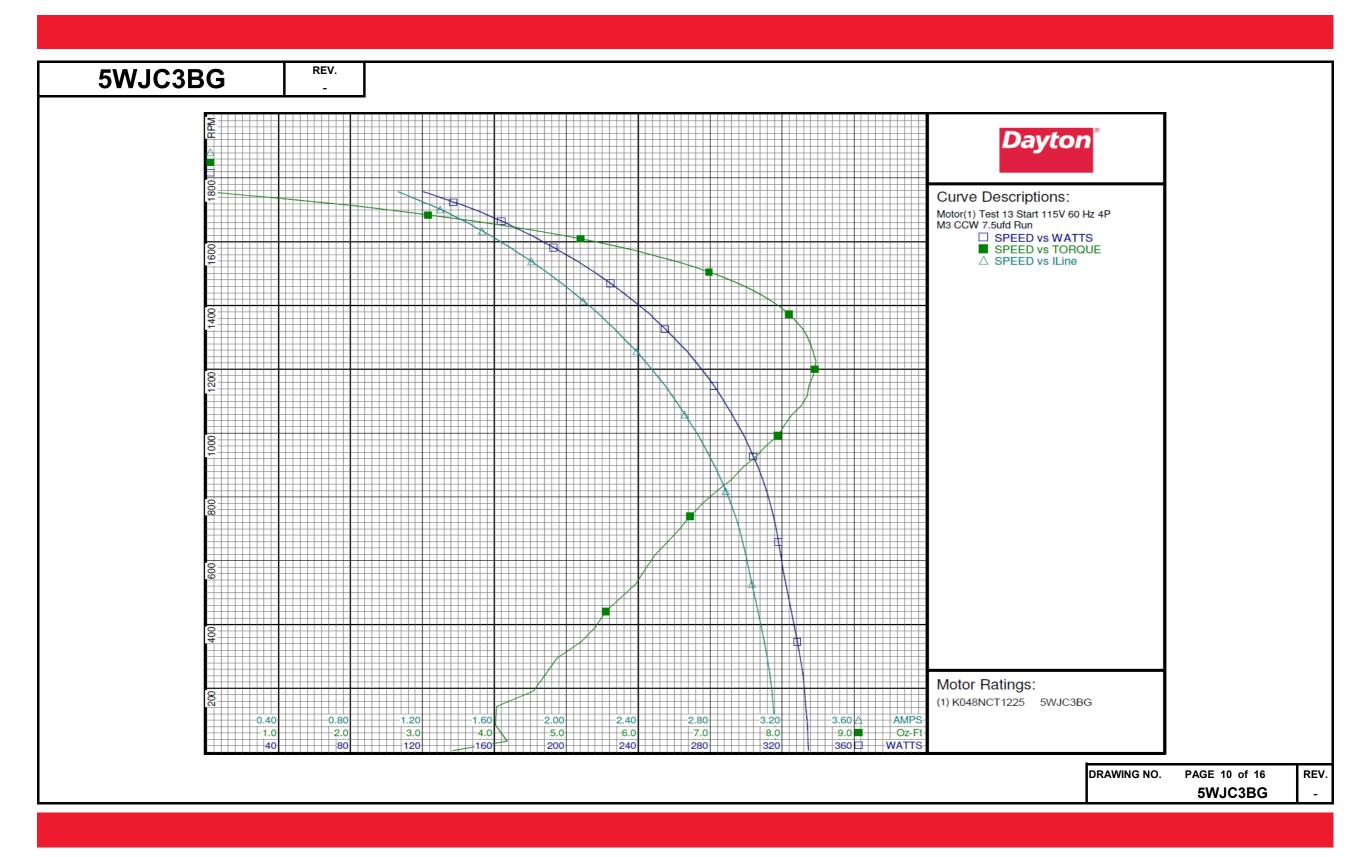






5WJC3BG	REV.											
	·			Day	ton Ma	nufactu	ring Cor	npany				
Motor Desc	cription					Test Cor	nditions					
Model: Motor ID: Poles: Volts: Frequency: HP: Speed: Phase: Protector:	K048NCT1225 5WJC3BG 4 115			Test Type: Test Number: Poles: Volts: Hz: Rotation: Special Cond: Speed Conn: TestBoard:	Start 13 4 115 60 CCW M3 CMD In	13 4 115 60 CCW		Run Cap: Start Cap: Environment: Tested: Tested By: Gear Ratio: Bearing Friction: Windage Torque: Phase #2 Fixture #1				
Special Points	Vline(V)	Vaux (V)	Vcap(V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF (%)		
	115.0	73.9	150.8	3.164	334.3	34	4.177	0.002	0.4	91.9		
	115.0 115.0	79.0 83.9	148.9 147.3	3.151 3.131	333.1 331.4	143 247	4.031 4.719	0.007	1.5 3.1	91.9 92.1		
	115.0	88.6	145.5	3.101	328.5	346	5.209	0.021	4.9	92.1		
	115.0	93.6	144.0	3.066	325.1	441	5.548	0.029	6.7	92.2		
	115.0	98.8	142.9	3.032	322.0	527	5.965	0.037	8.7	92.3		
	115.0 115.0	105.8 113.0	142.9 144.2	2.997 2.964	319.2 316.8	620	6.240 6.566	0.046	10.8 12.8	92.6 93.0		
	115.0	121.5	144.2	2.914	310.8	697 781	6.901	0.054	15.3	93.0		
	115.0	129.0	150.2	2.860	309.2	853	7.293	0.074	17.9	94.0		
	115.0	137.3	153.7	2.796	303.9	927	7.640	0.084	20.7	94.5		
	115.0	144.5	157.2	2.734	298.7	992	7.943	0.094	23.4	95.0		
	115.0	152.8	161.8	2.659	292.1	1059	8.140	0.103	26.2	95.5		
	115.0 115.0	160.2 168.4	166.1 171.3	2.590 2.512	285.9 278.7	1116 1175	8.345 8.422	0.111	28.9 31.5	96.0 96.5		
	115.0	176.4	176.5	2.436	271.5	1225	8.468	0.124	33.9	96.9		
	115.0	185.4	183.0	2.347	262.8	1281	8.391	0.128	36.3	97.4		
	115.0	193.6	189.0	2.267	254.9	1327	8.285	0.131	38.3	97.8		
	115.0	202.1	195.7	2.182	246.3	1373	8.097	0.132	40.1	98.2		
	115.0 115.0	210.4 217.8	202.7 209.1	2.093 2.015	237.2	1415 1451	7.846 7.562	0.132	41.6 42.6	98.5 98.8		
	115.0	226.5	216.8	1.926	219.3	1490	7.169	0.131	43.2	99.0		
	115.0	234.3	224.0	1.845	210.6	1522	6.758	0.122	43.4	99.2		
	115.0	241.9	231.1	1.766	201.8	1553	6.280	0.116	42.9	99.4		
	115.0	249.2	238.3	1.686	192.8	1582	5.759	0.108	42.0	99.5		
	115.0 115.0	256.9 263.7	246.0 253.1	1.608 1.531	184.0 175.3	1609 1633	5.197 4.602	0.100	40.4 38.1	99.5 99.5		
	115.0	270.3	260.1	1.466	167.8	1655	3.998	0.079	35.0	99.5		
	115.0	276.3	266.7	1.396	159.7	1674	3.393	0.068	31.6	99.5		
	115.0	282.4	273.5	1.333	152.5	1693	2.779	0.056	27.4	99.5		
	115.0	287.8	279.9	1.265	144.6	1710	2.158	0.044	22.7	99.4		
	115.0	292.2	285.4	1.203	137.3	1724	1.555	0.032	17.3	99.2		
	115.0 115.0	296.6 300.0	290.8 294.9	1.148 1.104	130.8 125.4	1736 1747	0.979 0.432	0.020	11.5 5.3	99.0 98.8		
	115.0	302.6	298.2	1.063	120.4	1756	0.000	0.000	0.0	98.5		
									ı	DRAWING NO.	PAGE 9 of 16	
										DIGHTHO NO.	5WJC3BG	



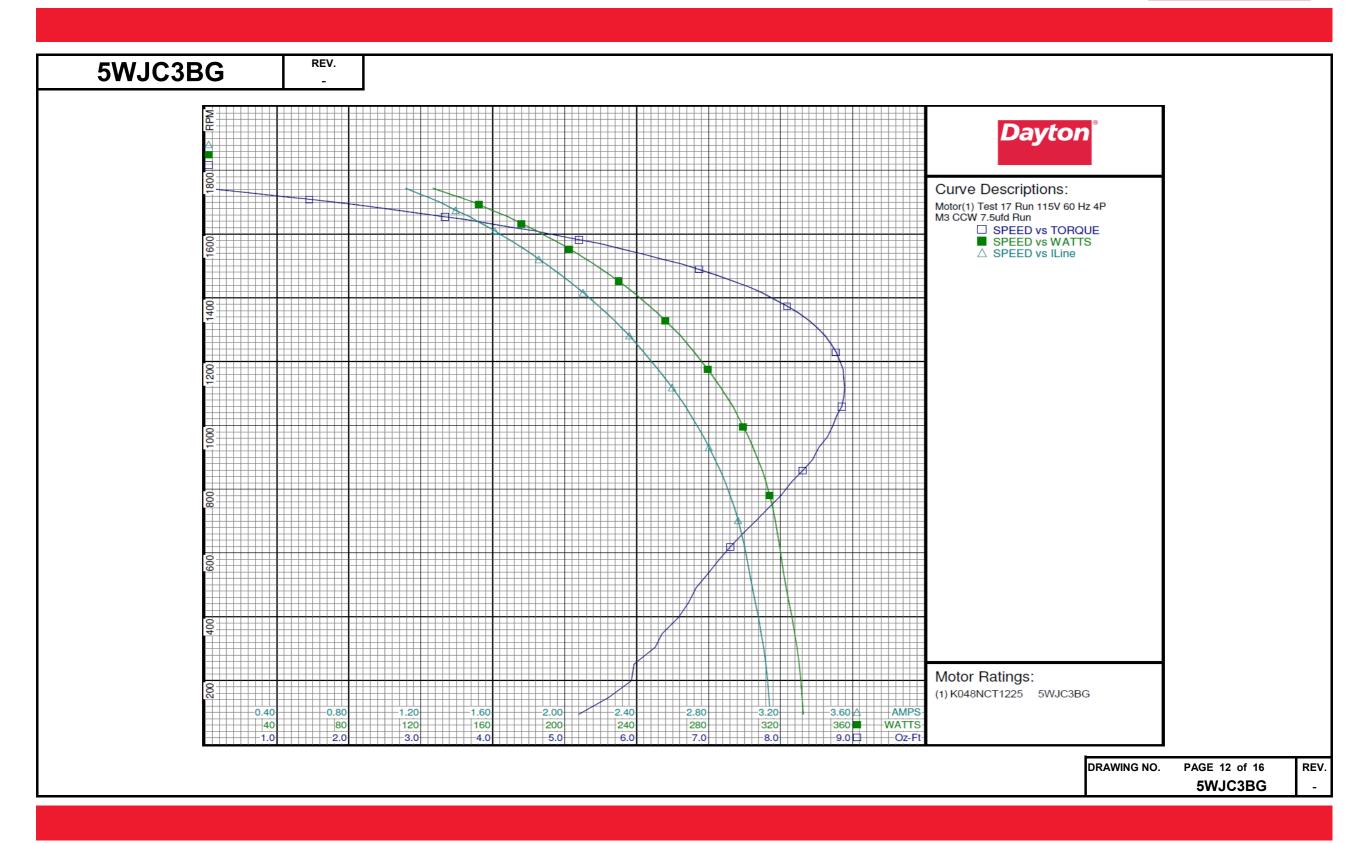




5WJC3BG

WJC3BG	REV.										
				Day	ton Ma	nufactı	ıring Con	npany			
Motor Des	scription					Test Co	nditions				
Model:	K048NCT122	5 5WJC3	BG	Test Type:	Run		Run Ca	ıp:	7.5		
Motor ID:				Test Number:			Start C		0µfd		
Poles:	4			Poles:	4		Enviro		23.9 Deg C	62 % RH	967 hPa
Volts:	115			Volts:	115		Tested:		11/14/2016		
Frequency:	60			Hz:	60		Tested		Navarro, Su		
HP:	1/6			Rotation:	CCW		Gear R		1:1	isana	
	1625										
Speed:	1023			Special Cond:			Bearing	g Friction:	-1.32 Oz-Ft		
Phase: Protector:	7AM036-A5			Speed Conn: TestBoard:	M3 CMD In	Line Three	Phase #2 Fi		: -1.63 Oz-Ft		
Special Points	Vline(V)	Vaux (V)	Vcap (V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF (%)	
Special relies	115.0	298.7	293.4	1.115	126.7	1744	0.000	0.000	0.0	98.8	
	115.0	296.6	290.8	1.143	130.0	1737	0.292	0.006	3.5	98.9	
	115.0	292.9	286.1	1.201	136.9	1723	0.843	0.017	9.4	99.2	
	115.0 115.0	288.4 282.7	280.4 273.6	1.266 1.332	144.6 152.3	1709 1693	1.450 2.068	0.029	15.2 20.4	99.3 99.4	
	115.0	277.1	267.4	1.393	159.5	1674	2.682	0.053	25.0	99.5	
	115.0	270.6	260.0	1.473	168.6	1654	3.336	0.066	29.0	99.5	
0.00 ***	115.0	264.1	253.1	1.537	176.0	1633	3.951	0.077	32.6	99.5	
0.08 HP	115.0 115.0	262.1 257.4	251.1 246.1	1.560 1.612	178.6 184.4	1626 1610	4.134 4.577	0.080	33.4 35.5	99.5 99.5	
4.92 OZ-FT	115.0	253.1	241.8	1.654	189.2	1594	4.920	0.093	36.8	99.5	
	115.0	250.0	238.6	1.691	193.4	1582	5.196	0.098	37.7	99.5	
	115.0	242.1	230.9	1.772	202.5	1553	5.782	0.107	39.4	99.4	
6.3 OZ-FT	115.0 115.0	235.0 234.1	224.2 223.4	1.848 1.856	210.9 211.8	1524 1521	6.300 6.355	0.114 0.115	40.4 40.5	99.2 99.2	
	115.0	226.7	216.5	1.937	220.6	1489	6.872	0.113	41.2	99.1	
	115.0	218.5	209.1	2.023	229.8	1452	7.339	0.127	41.2	98.8	
	115.0	210.9	202.6	2.103	238.3	1416	7.737	0.130	40.8	98.5	
	115.0	202.4	195.6	2.189	247.2	1373	8.092	0.132	39.9	98.2	
	115.0 115.0	193.8 185.6	188.8 182.6	2.277 2.360	256.0 264.3	1328 1281	8.399 8.617	0.133	38.7 37.1	97.8 97.4	
	115.0	176.9	176.5	2.439	272.0	1229	8.772	0.128	35.2	97.0	
	115.0	168.7	171.0	2.519	279.5	1176	8.868	0.124	33.1	96.5	
BDT OZ-FT	115.0	160.6	165.9	2.597	286.6	1119	8.890	0.118	30.8	96.0	
	115.0 115.0	160.6 152.5	165.9 161.2	2.597 2.672	286.6 293.5	1119 1059	8.890 8.850	0.118	30.8 28.3	96.0 95.5	
	115.0	145.0	157.1	2.738	299.1	996	8.722	0.103	25.8	95.0	
	115.0	137.6	153.5	2.801	304.6	931	8.533	0.095	23.2	94.6	
	115.0	129.8	150.0	2.866	309.9	858	8.307	0.085	20.4	94.0	
	115.0 115.0	121.5 113.8	146.8 144.2	2.919 2.964	313.9 317.0	780 702	8.007 7.663	0.074	17.7 15.1	93.5 93.0	
	115.0	106.2	142.6	3.000	319.5	619	7.303	0.054	12.6	92.6	
	115.0	99.5	142.4	3.028	321.8	533	6.984	0.044	10.3	92.4	
	115.0	93.9	143.5	3.060	324.7	444	6.721	0.036	8.2	92.3	
	115.0 115.0	89.0 84.6	145.1 146.9	3.092 3.118	327.8 330.3	346 251	6.353 5.962	0.026 0.018	6.0 4.0	92.2 92.1	
	115.0	79.7	148.6	3.135	332.0	146	5.607	0.010	2.2	92.1	

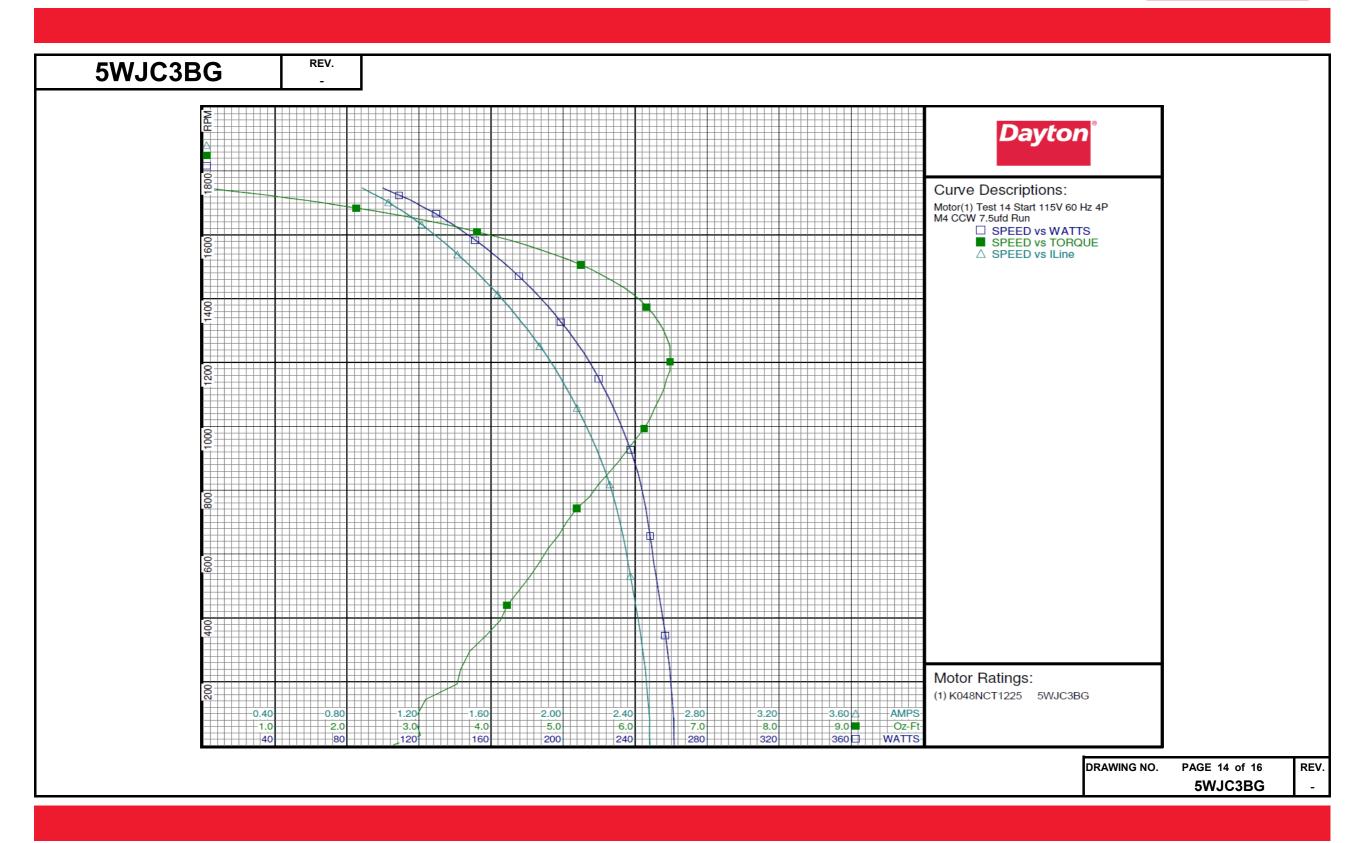






WJC3BG	- 1										
				Day	ton Mai	nufactu	ıring Con	npany			
Motor Des	cription				,	Test Co	nditions				
Model:	K048NCT122	5 5WJC3	BG	Test Type:	Start		Run Ca	ıp:	7.5		
Motor ID:				Test Number:	14		Start C	ap:	0μfd		
Poles:	4			Poles:	4		Enviror	nment:	23.9 Deg C	62 % RH 96	57 hPa
Volts:	115			Volts:	115		Tested:		11/14/2016	3:49:00 PM	
Frequency:	60			Hz:	60		Tested	By:	Navarro, Sus	sana	
HP:	1/6			Rotation:	CCW		Gear R	atio:	1:1		
Speed:	1625			Special Cond:			Bearing	g Friction:	-1.35 Oz-Ft		
Phase:	1			Speed Conn:	M4		Windag	ge Torque:	-7.91 Oz-Ft		
Protector:	7AM036-A5			TestBoard:	CMD InI	ine Three	Phase #2 Fi				
Special Points	Vline(V)	Vaux (V)	Vcap(V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF (%)	
	115.0	69.1	139.1	2.479	261.4	31	3.017 3.090	0.001	0.3	91.7	
	115.0 115.0	73.2 76.9	136.7 135.0	2.471 2.457	260.6 259.2	145 238	3.576	0.010	1.5 2.9	91.7 91.8	
	115.0	81.5	133.4	2.431	256.8	344	3.931	0.016	4.7	91.9	
	115.0	86.0	132.1	2.402	254.2	440	4.225	0.022	6.5	92.0	
	115.0 115.0	90.8 96.7	131.1 130.9	2.374 2.346	251.6 249.3	531 618	4.543 4.793	0.029	8.5 10.6	92.2 92.4	
	115.0	103.6	132.2	2.315	247.0	701	5.052	0.042	12.7	92.8	
	115.0	110.3	134.3	2.280	244.6	777	5.360	0.050	15.1	93.3	
	115.0 115.0	117.4 124.4	137.1 140.0	2.237 2.187	241.5 237.4	855 927	5.636 5.893	0.057 0.065	17.7 20.4	93.9 94.4	
	115.0	131.4	143.2	2.134	232.8	994	6.127	0.072	23.2	94.9	
	115.0	138.2	146.8	2.077	227.9	1058	6.272	0.079	25.9	95.4	
	115.0 115.0	145.2 152.3	150.8 155.0	2.019 1.962	222.7 217.5	1118 1174	6.402 6.485	0.085	28.6 31.1	95.9 96.4	
	115.0	159.9	159.9	1.899	211.6	1230	6.484	0.095	33.5	96.9	
	115.0	167.5	165.1	1.832	205.1	1280	6.433	0.098	35.7	97.3	
	115.0	174.7	170.3	1.768	198.7	1326	6.326	0.100	37.5	97.7	
	115.0 115.0	182.6 189.8	176.3 182.1	1.700 1.636	191.9 185.4	1374 1414	6.162 5.968	0.101	39.2 40.4	98.2 98.5	
	115.0	197.0	188.1	1.571	178.5	1453	5.707	0.099	41.3	98.8	
	115.0	204.6	194.6	1.505	171.5	1490	5.404	0.096	41.7	99.0	
	115.0 115.0	211.7 218.1	201.0 207.0	1.445 1.387	164.8 158.4	1523 1553	5.066 4.689	0.092	41.6 40.8	99.2 99.3	
	115.0	225.5	213.9	1.324	151.3	1583	4.265	0.080	39.6	99.4	
	115.0	232.1	220.4	1.266	144.8	1609	3.810	0.073	37.6	99.4	
	115.0	238.4	226.7	1.213	138.7	1632	3.361	0.065	35.1	99.4	
	115.0 115.0	244.9 250.4	233.5 239.6	1.157 1.105	132.3 126.3	1655 1675	2.867 2.369	0.056 0.047	31.9 27.9	99.4 99.3	
	115.0	255.9	245.7	1.055	120.4	1692	1.881	0.038	23.5	99.2	
	115.0	260.8	251.3	1.008	114.9	1709	1.368	0.028	18.1	99.0	
	115.0 115.0	264.7 268.5	256.1 260.8	0.960 0.919	109.0 104.1	1724 1736	0.890 0.423	0.018	12.5 6.3	98.7 98.5	
	115.0	271.9	264.9	0.884	99.7	1747	0.423	0.009	0.0	98.5	
									<u> </u>	RAWING NO. PA	GE 13 of 1
									ľ		5WJC3B

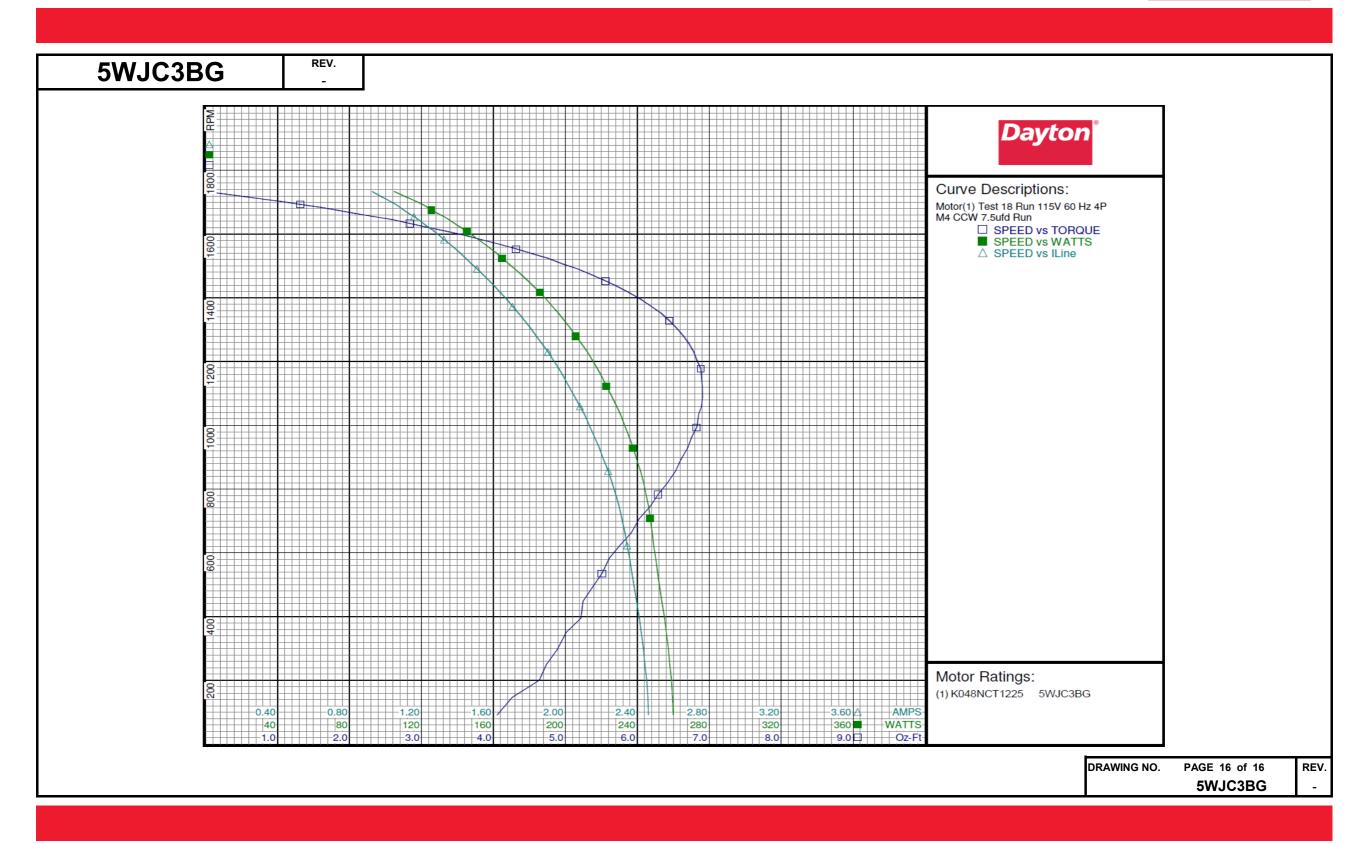






5WJC3BG	REV.										
				Dayt	ton Ma	nufactu	ıring Con	npany			
Motor Desc	cription					Test Cor	nditions				
Model: Motor ID: Poles: Volts: Frequency: HP: Speed: Phase:	K048NCT1225 4 115 60 1/6 1625 1	5WJC3	BG	Test Type: Test Number: Poles: Volts: Hz: Rotation: Special Cond: Speed Conn:	Run 18 4 115 60 CCW		Run Ca Start Ca Environ Tested: Tested Gear R Bearing Windag	ap: nment: By: atio: g Friction: ge Torque:	7.5 0µfd 23.9 Deg C 11/14/2016 Navarro, Su 1:1 -1.32 Oz-Ft :-1.60 Oz-Ft	3:52:36 PM sana	967 hPa
Protector:	7AM036-A5			TestBoard:	CMD Inl	Line Three	Phase #2 Fi	xture #1			
Special Points	Vline(V) 115.0 115.0 115.0 115.0	Vaux (V) 267.9 265.3 261.3 256.2	Vcap(V) 260.0 256.8 251.8 245.9	Iline(A) 0.925 0.957 1.004 1.057	Watts 104.8 108.6 114.3 120.6	RPM 1733 1723 1709 1693	Tq(Oz-ft) 0.000 0.334 0.804 1.316	HP 0.000 0.007 0.016 0.027	Eff(%) 0.0 4.7 10.7 16.4	PF(%) 98.5 98.7 99.0 99.2	
0.04 нр	115.0 115.0 115.0 115.0 115.0	251.2 248.8 245.3 239.2	240.3 237.6 233.8 227.3	1.100 1.122 1.159 1.210	125.6 128.2 132.5 138.4 145.3	1675 1667 1654 1633 1608	1.815 2.016 2.335 2.837	0.036 0.040 0.046 0.055 0.064	21.5 23.3 25.9 29.7 32.9	99.3 99.3 99.4 99.4	
3.78 OZ-FT	115.0 115.0 115.0 115.0	232.9 226.8 226.0 218.9 212.6	220.8 214.8 214.1 207.4 201.3	1.271 1.320 1.326 1.387 1.445	150.8 151.6 158.5 164.9	1585 1582 1554 1524	3.348 3.780 3.833 4.312 4.751	0.071 0.072 0.080 0.086	35.3 35.5 37.5 39.0	99.4 99.4 99.3 99.2	
4.94 OZ-FT	115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0	208.8 205.1 197.5 190.5 182.6 175.2 167.8 160.0 153.0	198.1 194.7 188.1 182.3 175.9 170.3 164.9 159.5 155.0	1.475 1.509 1.578 1.638 1.707 1.772 1.836 1.903 1.963	168.1 171.9 179.3 185.7 192.8 199.3 205.7 212.2 217.7	1508 1490 1452 1416 1372 1328 1280 1230 1178	4.940 5.173 5.561 5.883 6.196 6.442 6.639 6.784 6.881	0.089 0.092 0.096 0.099 0.101 0.102 0.101 0.099	39.3 39.8 40.0 39.9 39.2 38.1 36.7 34.9 33.1	99.2 99.1 98.8 98.5 98.2 97.8 97.4 96.9 96.5	
BDT OZ-FT	115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0 115.0	146.1 141.9 138.4 131.4 124.7 117.7 111.1 104.5 97.5 91.4 86.6 82.1 77.8 73.6	150.8 148.5 146.5 142.9 139.7 136.8 134.3 132.2 130.6 130.7 131.6 132.9 134.5 136.2	2.019 2.052 2.082 2.136 2.138 2.238 2.279 2.313 2.343 2.370 2.395 2.421 2.442 2.458	222.8 225.8 228.5 233.2 237.6 241.8 244.7 247.2 249.1 251.3 253.5 256.1 258.0 259.5	1122 1089 1059 994 929 856 783 707 623 535 448 350 248 146	6.902 6.905 6.890 6.826 6.700 6.530 6.289 6.026 5.754 5.509 5.244 5.009 4.732 4.262	0.092 0.090 0.087 0.081 0.074 0.067 0.059 0.051 0.043 0.035 0.028 0.021 0.014 0.007	30.9 29.6 28.4 25.8 23.3 20.5 17.9 15.3 12.8 10.4 8.2 6.1 4.0 2.1	96.0 95.7 95.4 94.9 94.4 93.9 93.4 92.9 92.4 92.2 92.1 92.0 91.9 91.8	
										DRAWING NO.	PAGE 15 of 1





Wiring Diagram



