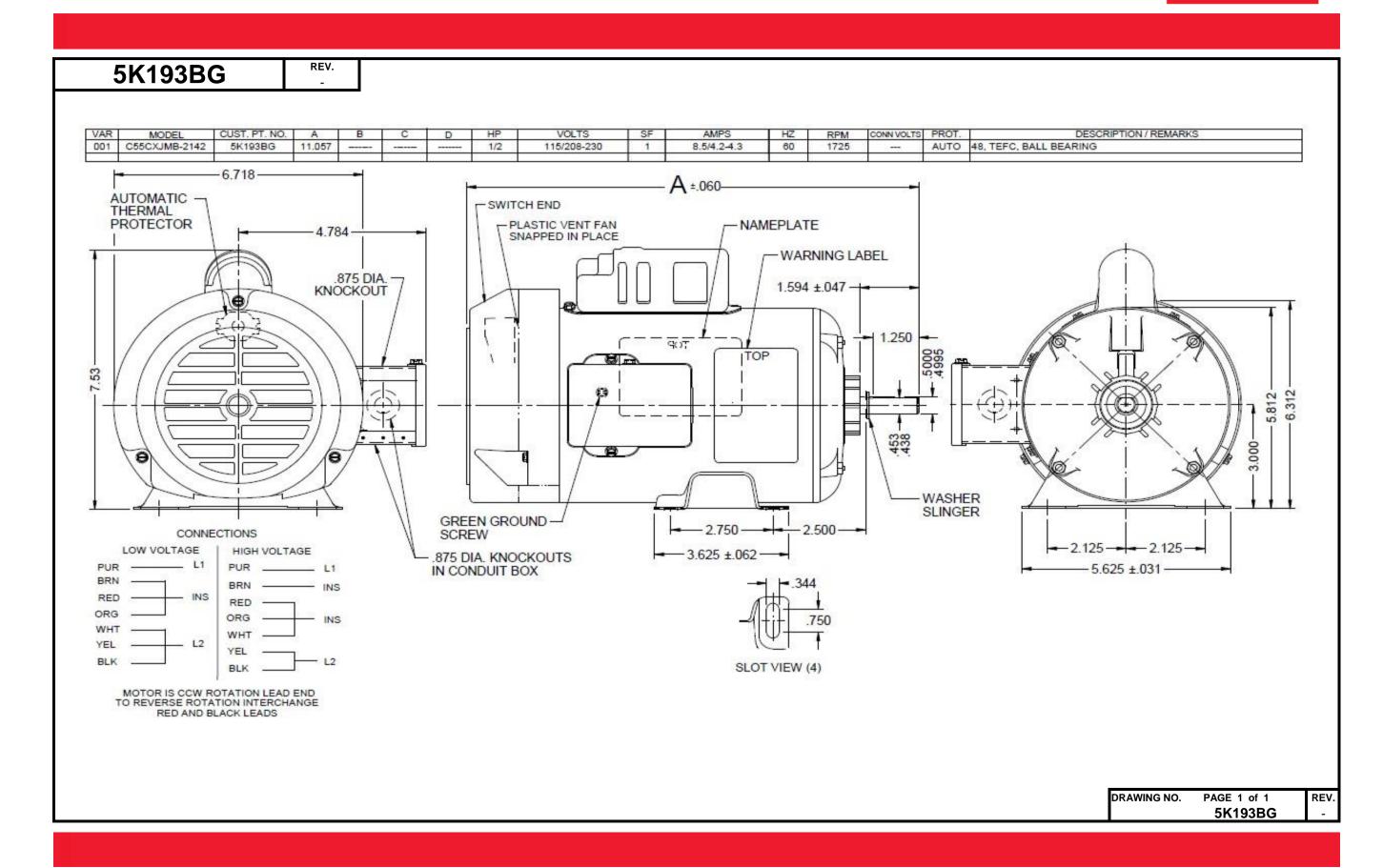
Dimensional Drawing





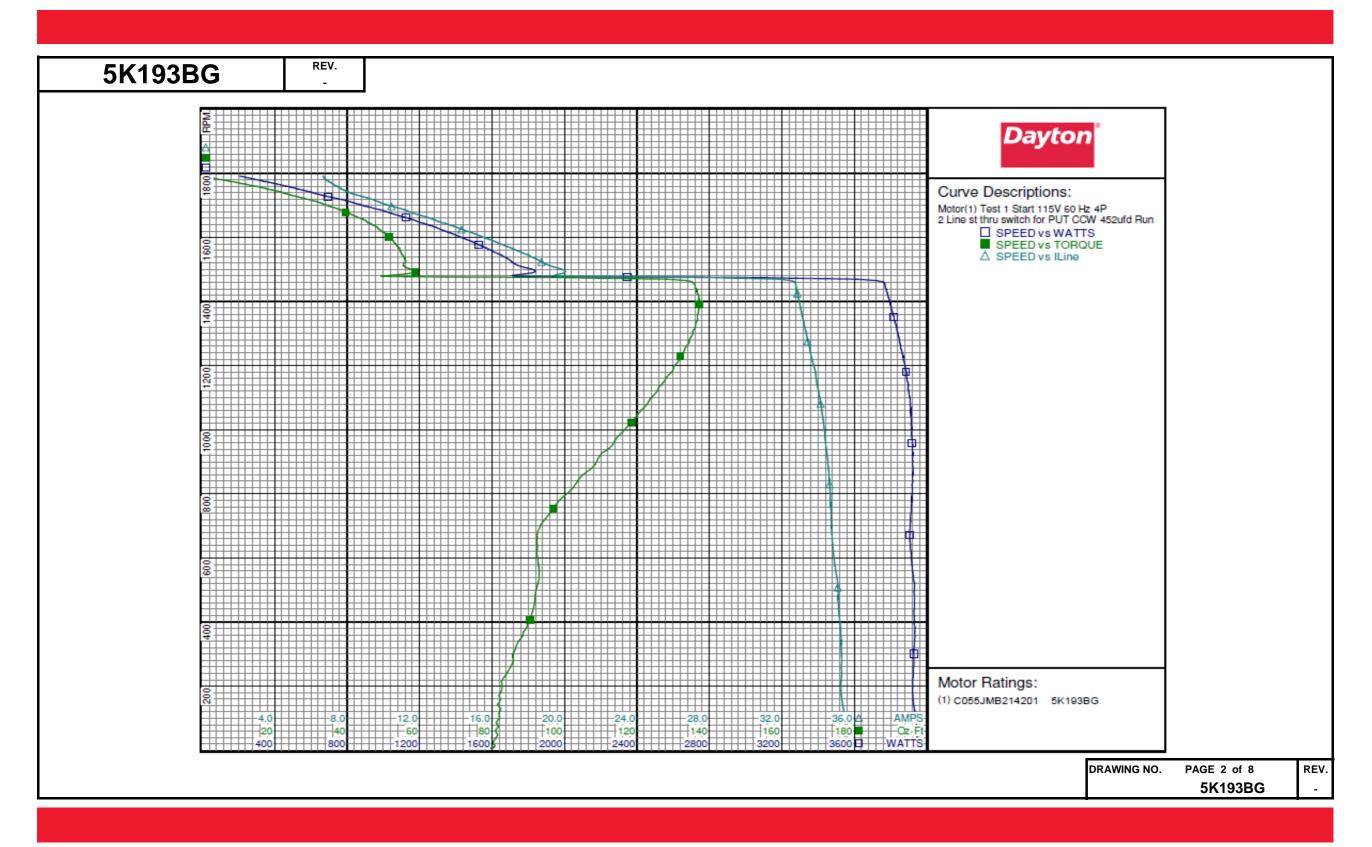


5K193BG	X MOTO	D BEBE	ODMA	NCE						
	MOTO	R PERF	ORMA	INCE						
HP:	1/2									
Poles:	4									
No. of Speeds:	1									
Volts:	115/208-230	115	208	230		T		T		
HZ:	60	60	60	60						
Service Factor:	1									
Efficiency:	@ Rated Load	58.8	60.1	58.1						
Power Factor:	@ Rated Load	66.9	72.4	66.9						
Amps:	@ No Load									
	@ Rated Load	8.3	4.1	4.2						
	@ Service Factor	- 25.0	- 40.0	- 40.5		+				
RPM:	@ Locked Rotor @ Rated Load	35.6	16.3	18.5		+	+			
Ambient (°C):	@ Rateu Load	1733	1715	1733		-	1			
Altitude (FASL):	70									
Torques:	Breakdown	43.5	46.1	57.7		1	Τ	1		
	Locked Rotor	78.4	60.2	72.3		1	1	1		
	Pull-Up	78.1	58.5	72.1						
	Rated Load	24.2	24.5	24.2						
	Service Factor	-	-	-						
Watts:	Rated Load	635	620	642						
KVA Code:										
Temperature Rise:	@ Rated Load	94	92	102						
Thermal Protector:	@ Service Factor	133.8	144.4	142.6						
Winding Material:	Trip Temp (°C) Start (Auxiliary)	133.6 Al	Al	Al		+	+	+		
winding material.	Run (Main)	CU	CU	CU		+	+	+		
Capacitor(s):	Start (MFD / Volts)		00		51.5 mFd,	110V				
Capacitor(5).	No. of Start Capacitors									
	Run (MFD / Volts)	N/A								
	No. of Run Capacitors									
LOW SPEED PER	FORMANCE DATA:									
HP:										
Poles:						_		_		
Volts:										
HZ:	@ Dotad Land									
Efficiency:	@ Rated Load					+	1	+		
Power Factor:	@ Rated Load @ No Load					+	_	+		
Amps:	@ Rated Load					+	+	+		
	@ Service Factor					+	+	+		
	@ Locked Rotor					1	<u> </u>	1		
Torques:	Bead Down									
	Locked Rotor									
	Pull-Up									
	Rated Load									
	Service Factor									
Watts:	@ Rated Load					+	1			
Temperature Rise:	@ Rated Load					+	-			
	@ Service Factor									
						DRAWING	NO D	AGE 1 of 2		



Dayton Manufacturing Company												
Motor Des						Test Con						
Mode1: Motor ID:			Test Type: Test Numb	Start er: 1		Run Ca Start C		0 452μfd				
Poles:	4				4		Enviro					
Volts:	115/208-230)		Volts:	115		Tested:		10/20/2015 9:20:07	AM		
Frequency:	60			Hz:	60		Tested		Sharp, Gerald			
HP:	1/2			Rotation:	CCW		Gear R	atio:	1:1	0.50.0 5		
Speed:	1725				nd: 2 Line st	thru switch		o Torquo	Bearing Friction:	-0.50 Oz-Ft		
Phase: Protector:	CEJ69GV			Speed Con TestBoard:		erformance	Fixture #3	ge Torque	: -2.77 Oz-Ft			
Special Points	Vline(V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF (%)				
	115.0	35.60	3952	6	78.39	0.006	0.1	96.5				
PUT OZ-FT	115.0 115.0	35.63 35.53	3957 3948	6 28	78.11 80.33	0.006 0.026	0.1 0.5	96.6 96.6				
	115.0	35.31	3925	157	82.30	0.153	2.9	96.7				
	115.0	35.28	3928	301	85.77	0.307	5.8	96.8				
	115.0 115.0	35.13 34.98	3929 3923	433 554	91.16 93.05	0.470	8.9 11.7	97.2 97.5				
	115.0	34.76	3904	662	92.45	0.729	13.9	97.7				
	115.0	34.69	3914	762	97.37	0.884	16.8	98.1				
	115.0	34.60	3922	857	104.80	1.069	20.3	98.6				
	115.0	34.44	3920	943	112.34	1.261	24.0	99.0				
	115.0 115.0	34.28 34.09	3914 3907	1023 1096	118.47 123.66	1.443	27.5 30.8	99.3 99.6				
	115.0	33.87	3888	1164	128.13	1.775	34.1	99.8				
	115.0	33.63	3869	1224	131.66	1.919	37.0	100.1				
	115.0	33.41	3848	1281	134.44	2.050	39.7	100.1				
	115.0	33.21	3824	1334	136.29	2.164	42.2	100.1				
	115.0 115.0	33.03 32.85	3804 3783	1382 1425	137.14 136.63	2.256 2.318	44.2 45.7	100.2 100.1				
	115.0	32.51	3722	1465	133.87	2.335	46.8	99.6				
	115.0	19.56	1742	1483	54.11	0.956	40.9	77.4				
	115.0	18.86	1718	1519	55.59	1.006	43.7	79.2				
	115.0 115.0	17.43 16.04	1601 1476	1557 1590	54.68 52.72	1.014	47.2 50.4	79.9 80.0				
	115.0	14.61	1342	1619	49.48	0.954	53.0	79.9				
	115.0	13.28	1210	1645	45.81	0.897	55.3	79.2				
	115.0	12.06	1080	1668	41.78	0.830	57.3	77.9				
	115.0	10.88	946	1691	36.89	0.743	58.6	75.6				
	115.0 115.0	9.68 8.65	810 670	1712 1730	31.46 24.92	0.641 0.513	59.1 57.1	72.8 67.4				
	115.0	7.82	553	1748	19.33	0.402	54.2	61.5				
	115.0	7.23	414	1766	12.00	0.252	45.4	49.8				
	115.0	6.73	253	1785	2.45	0.052	15.3	32.7				
	115.0	6.67	206	1791	0.00	0.000	0.0	26.9				

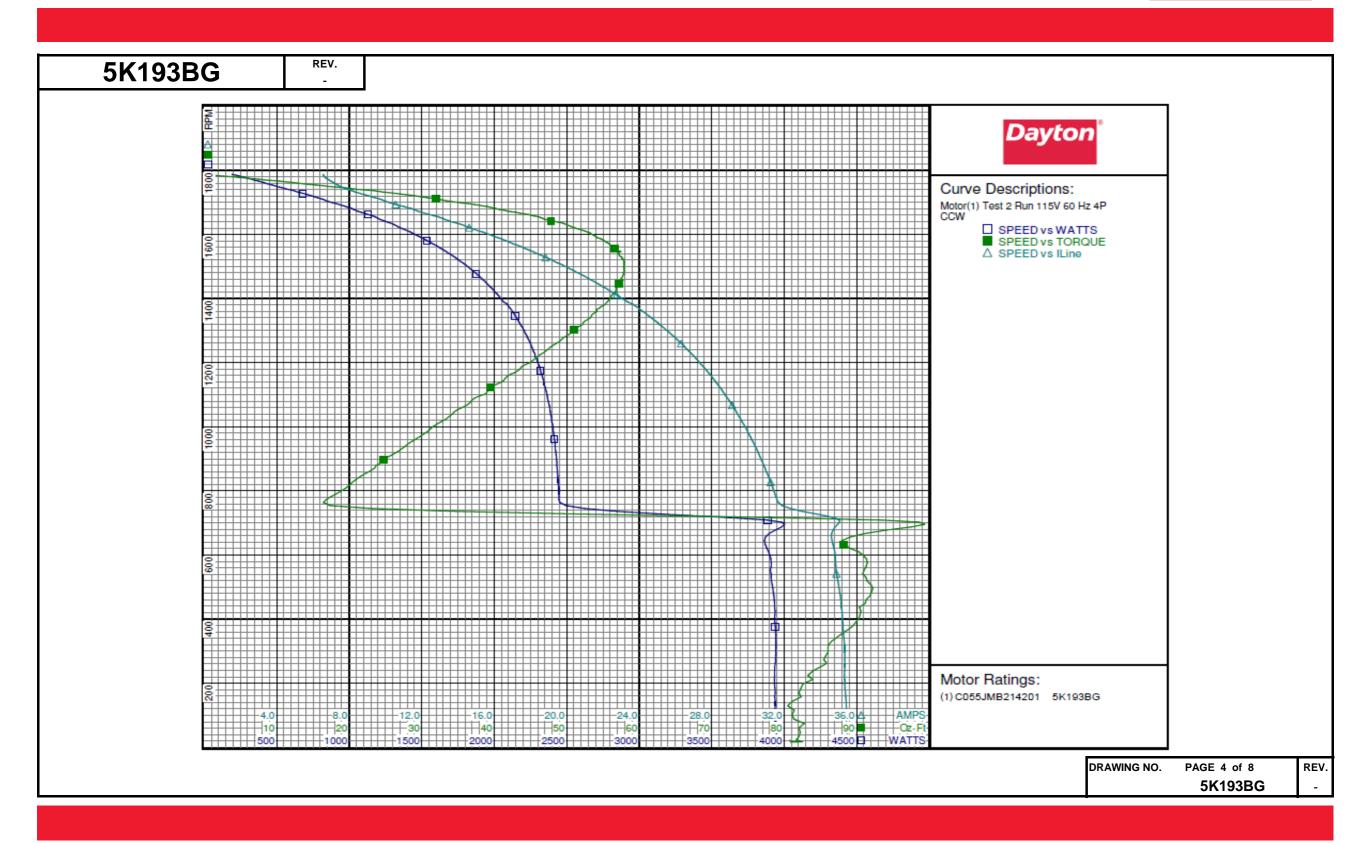






115.0 6.56 190 1787 0.00 0.000 0.00 25.2 115.0 6.92 358 1768 9.29 0.196 40.7 45.0 115.0 7.58 515 1748 18.13 0.377 54.6 59.2 4.3 OZ-FT 115.0 8.27 636 1733 24.23 0.500 58.8 66.9 115.0 8.59 680 1728 26.38 0.543 59.5 68.9 115.0 8.59 680 1728 26.38 0.543 59.5 68.9 115.0 13.55 150 1748 18.13 0.377 54.6 59.2 115.0 8.74 701 1725 27.33 0.561 59.7 69.8 115.0 13.55 150 1768 27.3 0.561 59.7 69.8 115.0 13.55 16.0 1764 24.70 0.684 59.4 79.1 115.0 12.42 1130 1662 24.70 0.884 59.4 79.1 115.0 12.42 1130 1662 34.70 0.884 59.4 79.1 115.0 15.22 1409 1609 52.59 1.007 53.4 80.5 115.0 17.97 1656 1549 55.14 1.038 50.4 80.3 115.0 17.97 1656 1549 56.93 1.050 47.3 80.1 115.0 19.37 1771 1514 57.93 1.044 44.0 79.5 115.0 20.69 1875 150 57.95 1.042 43.5 79.6 115.0 21.99 1970 1436 56.93 1.050 47.3 80.1 115.0 21.99 1970 1436 56.90 0.974 36.9 77.9 115.0 22.33 22.7 1395 55.7 89 1.018 40.5 78.8 115.0 22.69 127 1293 55.70 0.953 29.7 77.9 115.0 25.66 2211 1293 55.70 0.955 29.7 77.9 115.0 25.66 2211 1293 55.70 0.955 29.7 77.9 115.0 27.71 2317 175 43.31 0.606 19.5 72.7 115.0 30.87 2431 879 23.68 0.248 7.6 68.5 115.0 30.19 2415 961 236 47.11 0.693 22.8 73.8 115.0 30.19 2415 961 236 0.248 7.6 68.5 115.0 30.19 2415 961 236 0.248 7.6 68.5 115.0 30.19 2415 961 20.60 334 10.3 69.5 115.0 30.19 2415 961 20.60 334 10.3 69.5 115.0 30.87 2431 879 23.68 0.248 7.6 68.5 115.0 35.42 39.37 129 80.46 0.124 2.3 96.7 115.0 35.42 39.37 129 80.46 0.124 2.3 96.7 115.0 35.42 39.37 129 80.46 0.124 2.3 96.7 115.0 35.42 39.37 129 80.46 0.124 2.3 96.7	K193BG	REV.											
Model:					De	ovton Ma	nufactu	ring Cor	nnany				
Model:													
Motor ID: 1 Poles: 4 Volts: 115/208-230 Poles: 4 Poles: 4 Poles: 4 Poles: 4 Poles: 115/208-230 Poles: 115/20						_	Test Con						
Poles: 4		C055JMB21	4201 5K193	BG									
Volts: 115/208-230		1				er: 2				0μfd			
Frequency: 60													
HP: 1/2 1/2 Speed: 1725			0								11 AM		
Special Cond: Protector: CEJ69GV Special Cond: TestBoard: Amtps Performance Fixture #3 Protector: CEJ69GV TestBoard: TestBoard: Amtps Performance Fixture #3 Protector: CEJ69GV TestBoard: Amtps Performance Fixture #3 Protector: CEJ69GV TestBoard: Amtps Performance Fixture #3 Protector: Protector: Protector: CEJ69GV TestBoard: Amtps Performance Fixture #3 Protector: Protector: Protector: Protector: CEJ69GV TestBoard: Amtps Performance Fixture #3 Protector: Protecto										Sharp, Gerald			
Phase: Speed Conn: TestBoard: Amtps Performance Fixture #3 Pecial Points Vline (V) Iline (A) Watts RPM Tq (Oz-ft) HP Eff (*) PF (*)	HP:				Rotation:	CCW		Gear R	atio:	1:1			
Protector: CEJ69GV TestBoard: Amtps Performance Fixture #3 Viine (V) Iline (A) Watts		1725											
	Phase:	1							ge Torque:	: -2.98 Oz-Ft			
115.0 6.56 190 1787 0.00 0.000 0.00 25.2 115.0 6.92 358 1768 9.29 0.196 40.7 45.0 115.0 7.58 515 1748 18.13 0.377 54.6 59.2 4.3 OZ-FT 115.0 8.27 636 1733 24.23 0.500 58.8 66.9 115.0 8.59 680 1728 26.38 0.543 59.5 68.9 115.0 8.59 680 1728 26.38 0.543 59.5 68.9 115.0 13.55 150 1748 18.13 0.377 54.6 59.2 115.0 8.74 701 1725 27.33 0.561 59.7 69.8 115.0 13.55 150 1768 27.3 0.561 59.7 69.8 115.0 13.55 16.0 1764 24.70 0.684 59.4 79.1 115.0 12.42 1130 1662 24.70 0.884 59.4 79.1 115.0 12.42 1130 1662 34.70 0.884 59.4 79.1 115.0 15.22 1409 1609 52.59 1.007 53.4 80.5 115.0 17.97 1656 1549 55.14 1.038 50.4 80.3 115.0 17.97 1656 1549 56.93 1.050 47.3 80.1 115.0 19.37 1771 1514 57.93 1.044 44.0 79.5 115.0 20.69 1875 150 57.95 1.042 43.5 79.6 115.0 21.99 1970 1436 56.93 1.050 47.3 80.1 115.0 21.99 1970 1436 56.90 0.974 36.9 77.9 115.0 22.33 22.7 1395 55.7 89 1.018 40.5 78.8 115.0 22.69 127 1293 55.70 0.953 29.7 77.9 115.0 25.66 2211 1293 55.70 0.955 29.7 77.9 115.0 25.66 2211 1293 55.70 0.955 29.7 77.9 115.0 27.71 2317 175 43.31 0.606 19.5 72.7 115.0 30.87 2431 879 23.68 0.248 7.6 68.5 115.0 30.19 2415 961 236 47.11 0.693 22.8 73.8 115.0 30.19 2415 961 236 0.248 7.6 68.5 115.0 30.19 2415 961 236 0.248 7.6 68.5 115.0 30.19 2415 961 20.60 334 10.3 69.5 115.0 30.19 2415 961 20.60 334 10.3 69.5 115.0 30.87 2431 879 23.68 0.248 7.6 68.5 115.0 35.42 39.37 129 80.46 0.124 2.3 96.7 115.0 35.42 39.37 129 80.46 0.124 2.3 96.7 115.0 35.42 39.37 129 80.46 0.124 2.3 96.7 115.0 35.42 39.37 129 80.46 0.124 2.3 96.7	Protector:	CEJ69GV			TestBoard	: Amtps P	erformance	Fixture #3					
115.0 6.92 358 1768 9.29 0.196 40.7 45.0 115.0 7.58 515 1748 18.13 0.377 54.6 59.2 4.3 OZ-FT 115.0 8.27 636 1733 24.30 0.501 58.8 66.9 115.0 8.26 635 1733 24.23 0.500 58.8 66.9 115.0 8.59 680 1728 26.38 0.543 59.5 68.9 125 RPM 115.0 8.874 701 1725 27.33 0.561 59.7 69.8 115.0 9.88 834 1706 33.03 0.671 60.0 73.4 115.0 11.15 990 1684 39.45 0.791 59.6 77.2 115.0 11.25 12.42 1130 1662 44.70 0.884 58.4 79.1 115.0 11.25 1466 1638 48.87 0.955 56.1 80.1 115.0 11.797 1656 1638 48.87 0.955 56.1 80.5 115.0 19.37 1771 1514 57.93 1.050 47.3 80.1 115.0 19.37 1771 1514 57.93 1.044 44.0 79.5 115.0 20.69 1875 1478 57.89 1.084 43.5 79.6 115.0 20.69 1875 1478 57.89 1.084 43.5 79.6 115.0 23.25 2056 1393 55.79 0.924 33.5 76.9 115.0 23.25 2056 1393 55.79 0.924 33.5 76.9 115.0 25.66 2211 1293 50.63 0.779 26.3 74.9 115.0 29.43 2389 1038 34.1 0.606 19.5 72.7 115.0 29.43 2389 1038 34.1 0.606 19.5 72.7 115.0 29.43 2389 1038 34.1 0.606 19.5 72.7 115.0 29.43 2389 1038 34.1 0.606 19.5 72.7 115.0 31.48 2415 899 23.60 0.348 77.3 80.1 115.0 31.48 2445 899 23.0 0.779 26.3 74.9 115.0 34.78 3885 790 39.01 0.515 16.3 71.7 115.0 35.04 3885 790 39.01 0.515 16.3 71.7 115.0 35.04 3885 790 39.01 0.515 16.3 71.7 115.0 35.03 39.8 377 89.37 0.401 7.6 97.3 115.0 35.23 3938 377 89.37 0.401 7.6 97.3 115.0 35.42 3937 129 80.46 0.124 2.3 96.7 115.0 35.42 3937 129 80.46 0.124 2.3 96.7 115.0 35.59 3955 16 80.91 0.016 0.016 0.3 0.000	Special Points												
115.0 7.58 515 1748 18.13 0.377 54.6 59.2 15.5 HP 115.0 8.26 635 1733 24.30 0.501 58.8 66.9 115.0 8.26 635 1733 24.33 0.500 58.8 66.9 115.0 8.59 680 1728 24.33 0.500 58.8 66.9 115.0 8.74 701 1725 27.33 0.561 59.7 69.8 115.0 9.88 834 1706 33.03 0.671 60.0 73.4 115.0 11.15 990 1684 39.45 0.791 59.6 77.2 115.0 13.75 1266 1638 48.87 0.953 56.1 80.1 115.0 13.75 1266 1638 48.87 0.953 56.1 80.5 115.0 15.22 1409 1609 52.59 1.007 53.4 80.5 115.0 16.61 1535 1581 55.14 1.038 50.4 80.3 115.0 17.97 1656 1549 56.93 1.050 47.3 80.1 115.0 19.37 1771 1514 57.93 1.044 44.0 79.5 DT OZ-FT 115.0 20.69 1875 1510 57.95 1.042 43.5 79.6 115.0 20.69 1875 1478 57.89 1.018 40.5 78.8 115.0 23.29 1206 1399 55.70 0.924 33.5 76.9 115.0 24.53 24.71 1345 53.40 0.875 29.7 76.9 115.0 24.53 24.71 1343 53.40 0.875 29.7 76.9 115.0 22.66 22.61 1236 53.40 0.875 29.7 76.9 115.0 22.67 22.69 1393 55.70 0.924 33.5 76.9 115.0 28.61 2359 109 39.01 0.515 16.3 71.7 115.0 29.43 23.89 1038 39.41 0.793 22.8 73.8 115.0 29.43 23.89 1038 34.13 0.793 22.8 73.8 115.0 29.43 23.89 1038 34.13 0.606 19.5 72.7 115.0 29.43 23.89 1038 34.13 0.422 13.2 70.6 115.0 30.19 2415 961 29.16 0.334 10.3 69.5 115.0 31.48 2445 790 18.17 0.171 5.2 67.5 115.0 34.78 3891 610 90.22 0.655 12.6 97.3 115.0 35.23 3938 377 89.37 0.401 7.6 97.2 115.0 35.23 3938 377 89.37 0.401 7.6 97.2 115.0 35.42 3937 129 80.46 0.124 2.3 96.7 115.0 35.42 3937 129 80.46 0.124 2.3 96.7 115.0 35.42 3937 129 80.46 0.124 2.3 96.7													
4.3 OZ-FT 115.0 8.27 636 1733 24.30 0.501 58.8 66.9 5 HP 115.0 8.26 635 1733 24.23 0.500 58.8 66.8 115.0 8.59 680 1728 26.38 0.543 59.5 68.9 725 RPM 115.0 9.88 834 1706 33.03 0.671 60.0 73.4 115.0 11.15 98.0 1684 39.45 0.791 59.6 77.2 115.0 12.42 1130 1662 44.70 0.884 58.4 79.1 115.0 13.75 1266 1638 48.87 0.953 56.1 80.1 115.0 15.22 1409 1609 52.59 1.007 53.4 80.5 115.0 15.22 1409 1609 52.59 1.007 53.4 80.5 115.0 19.97 1771 1554 55.14 1.038 50.4 80.5 115.0 19.97 1771 1554 55.14 1.038 50.4 80.5 115.0 19.97 1771 1781 55.1 57.93 1.004 44.3 89.1 115.0 20.69 1875 1510 57.95 1.042 43.5 79.6 115.0 23.25 2056 1393 55.72 0.924 33.5 76.9 115.0 23.25 2056 1393 55.72 0.924 33.5 76.9 115.0 23.25 2056 1393 55.70 0.924 33.5 76.9 115.0 24.53 2147 1345 53.40 0.855 29.7 76.1 115.0 25.66 2211 1293 50.63 0.779 26.3 74.9 115.0 27.71 2317 1175 43.31 0.606 19.5 72.7 115.0 28.61 2399 1099 39.01 0.515 16.3 71.7 115.0 29.43 2389 1038 34.13 0.622 13.2 70.6 115.0 30.87 2415 961 23.6 70 39.0 1 0.515 16.3 71.7 115.0 34.78 3891 610 90.22 0.655 12.6 97.3 115.0 35.23 3938 377 89.37 0.401 7.6 97.2 115.0 35.23 3938 377 89.37 0.401 7.6 97.2 115.0 35.42 3937 129 80.46 0.124 2.3 96.7 115.0 35.42 3937 129 80.46 0.124 2.3 96.7 115.0 35.42 3937 129 80.46 0.124 2.3 96.7 115.0 35.59 \$80.50 \$ DRAWING NO. PAGE 3													
115.0 8.59 680 1728 26.38 0.543 59.5 68.9 115.0 8.74 701 1728 27.33 0.561 59.7 69.8 115.0 9.88 834 1706 33.03 0.671 60.0 73.4 115.0 11.15 990 1684 39.45 0.791 59.6 77.2 115.0 12.42 1130 1662 44.70 0.884 58.4 79.1 115.0 15.22 1409 1609 52.59 1.007 53.4 80.5 115.0 15.22 1409 1609 52.59 1.007 53.4 80.5 115.0 17.97 1656 1549 56.93 1.050 47.3 80.1 115.0 17.97 1656 1549 56.93 1.050 47.3 80.1 115.0 19.37 1771 1514 57.93 1.044 44.0 79.5 115.0 20.69 1875 1478 57.89 1.018 40.5 78.8 115.0 21.99 1970 1436 56.98 0.974 36.9 77.9 115.0 22.453 2147 1345 53.40 0.855 29.7 76.1 115.0 22.566 2211 1293 50.63 0.779 26.3 74.9 115.0 26.72 2269 1236 47.11 0.693 22.8 73.8 115.0 27.71 2317 1775 43.31 0.606 19.5 72.7 115.0 28.61 2359 1109 39.01 0.515 16.3 71.7 115.0 30.19 2415 961 29.16 0.334 10.3 69.5 115.0 30.19 2415 961 29.16 0.334 10.3 69.5 115.0 31.48 2445 790 18.17 0.771 5.2 67.5 115.0 35.04 3885 708 93.49 0.788 15.1 96.4 115.0 35.23 3938 377 89.37 0.401 7.6 97.2 115.0 35.23 3938 377 89.37 0.401 7.6 97.2 115.0 35.23 3938 377 89.37 0.401 7.6 97.2 115.0 35.23 3938 377 89.37 0.401 7.6 97.2 115.0 35.42 3937 129 80.46 0.124 2.3 96.7 115.0 35.42 3937 129 80.46 0.124 2.3 96.7 115.0 35.59 3955 16 80.91 0.016 0.3 96.6	24.3 OZ-FT												
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115.0													
115.0		115.0	23.25	2056	1393	55.72	0.924	33.5	76.9				
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115.0 35.02 3920 496 92.21 0.544 10.4 97.3 115.0 35.23 3938 377 89.37 0.401 7.6 97.2 115.0 35.33 3939 261 85.85 0.267 5.1 96.9 115.0 35.42 3937 129 80.46 0.124 2.3 96.7 115.0 35.59 3955 16 80.91 0.016 0.3 96.6 DRAWING NO. PAGE 3													
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115.0 35.59 3955 16 80.91 0.016 0.3 96.6 DRAWING NO. PAGE 3			35.33	3939	261		0.267	5.1	96.9				
DRAWING NO. PAGE 3													
		115.0	33.39	3933	16	80.91	0.016	0.3	30.6	DD AMENO NO	DACE 0		
										DRAWING NO.	5K193		

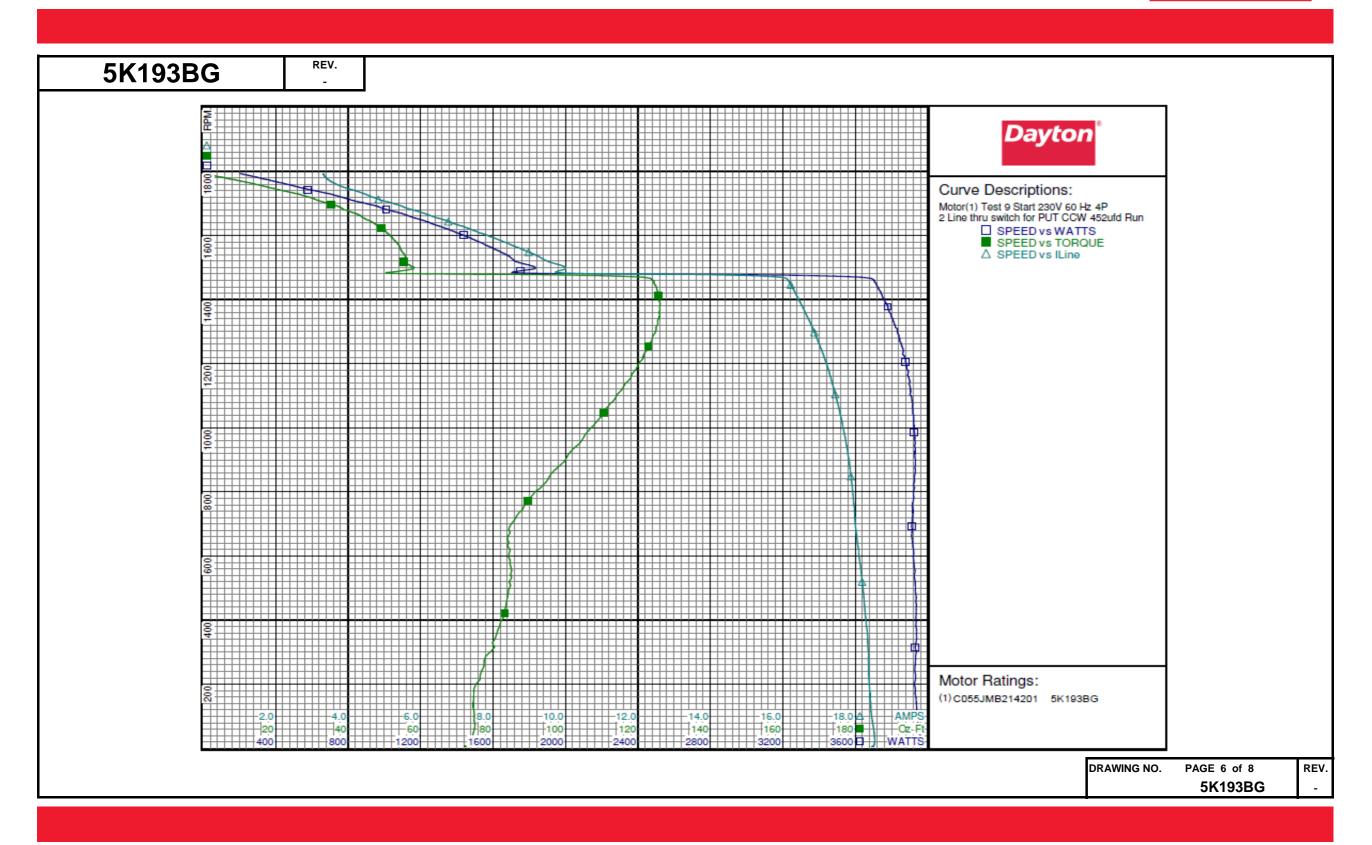






K193BG	-									
				Da	ayton Ma	nufactu	ring Con	npany		
Motor Des	cription					Test Con	ditions			
Model: Motor ID: Poles: Volts:	Motor ID: 1 Poles: 4 Volts: 115/208-230 Frequency: 60		Test Type: Test Numb Poles: Volts:			Run Cap: Start Cap: Environment: Tested:		0 452μfd 10/20/2015 1:38:40 PM		
			Hz:	60		Tested		Sharp, Gerald		
HP: Speed: Phase:	1/2 1725			Rotation: Special Co Speed Con	nd: 2 Line th	ru switch fo			1:1 Bearing Friction: : -2.77 Oz-Ft	-0.50 Oz-Ft
Protector:	CEJ69GV			TestBoard:		erformance	Fixture #3	ge Forque	. 2.77 02-11	
Special Points	Vline (V) 230.0	Iline(A) 18.472	Watts 3940	RPM	Tq(Oz-ft) 72.29	HP 0.006	Eff(%) 0.1	PF(%)		
PUT OZ-FT	230.0	18.460	3941	6	72.09	0.005	0.1	92.8		
	230.0 230.0	18.534 18.402	3955 3935	27 156	74.15 74.67	0.024	0.4 2.6	92.8 93.0		
	230.0	18.353	3936	300	79.24	0.283	5.4	93.2		
	230.0 230.0	18.259 18.155	3934 3930	433 553	83.26 85.14	0.429 0.561	8.1 10.6	93.7 94.1		
	230.0	18.035	3910	663	84.19	0.664	12.7	94.3		
	230.0	17.953	3915	762	88.92	0.807	15.4	94.8		
	230.0	17.871	3929	857	96.10	0.981	18.6	95.6		
	230.0	17.757	3926	944	103.14	1.158	22.0	96.1		
	230.0 230.0	17.619 17.463	3922 3910	1024 1096	108.98 113.93	1.328	25.3 28.4	96.8 97.4		
	230.0	17.298	3888	1163	118.21	1.487	31.4	97.7		
	230.0	17.126	3870	1223	121.46	1.769	34.1	98.2		
	230.0	16.924	3840	1282	123.95	1.892	36.7	98.7		
	230.0	16.728	3807	1334	125.40	1.991	39.0	98.9		
	230.0	16.515	3776	1382	126.01	2.073	40.9	99.4		
	230.0 230.0	16.321 16.093	3738 3685	1425 1466	125.36 123.46	2.127 2.155	42.4 43.6	99.6 99.6		
	230.0	9.725	1712	1486	52.62	0.931	40.6	76.5		
	230.0	9.448	1714	1522	55.15	0.999	43.5	78.9		
	230.0	8.765	1603	1558	54.40	1.009	47.0	79.5		
	230.0	8.031	1475	1592	52.24	0.990	50.0	79.9		
	230.0 230.0	7.368 6.705	1350 1215	1620 1646	49.51 45.80	0.955	52.8 55.1	79.6 78.8		
	230.0	6.065	1086	1670	41.61	0.898	56.8	77.8		
	230.0	5.461	952	1692	36.91	0.744	58.3	75.8		
	230.0	4.889	817	1710	31.29	0.637	58.2	72.7		
	230.0	4.416	686	1731	25.36	0.522	56.8	67.5		
	230.0	3.899	534	1749	18.15	0.378	52.8	59.6		
	230.0 230.0	3.533 3.345	400 260	1768 1786	11.08 3.05	0.233	43.4 18.6	49.3 33.8		
	230.0	3.320	203	1793	0.00	0.000	0.0	26.6		

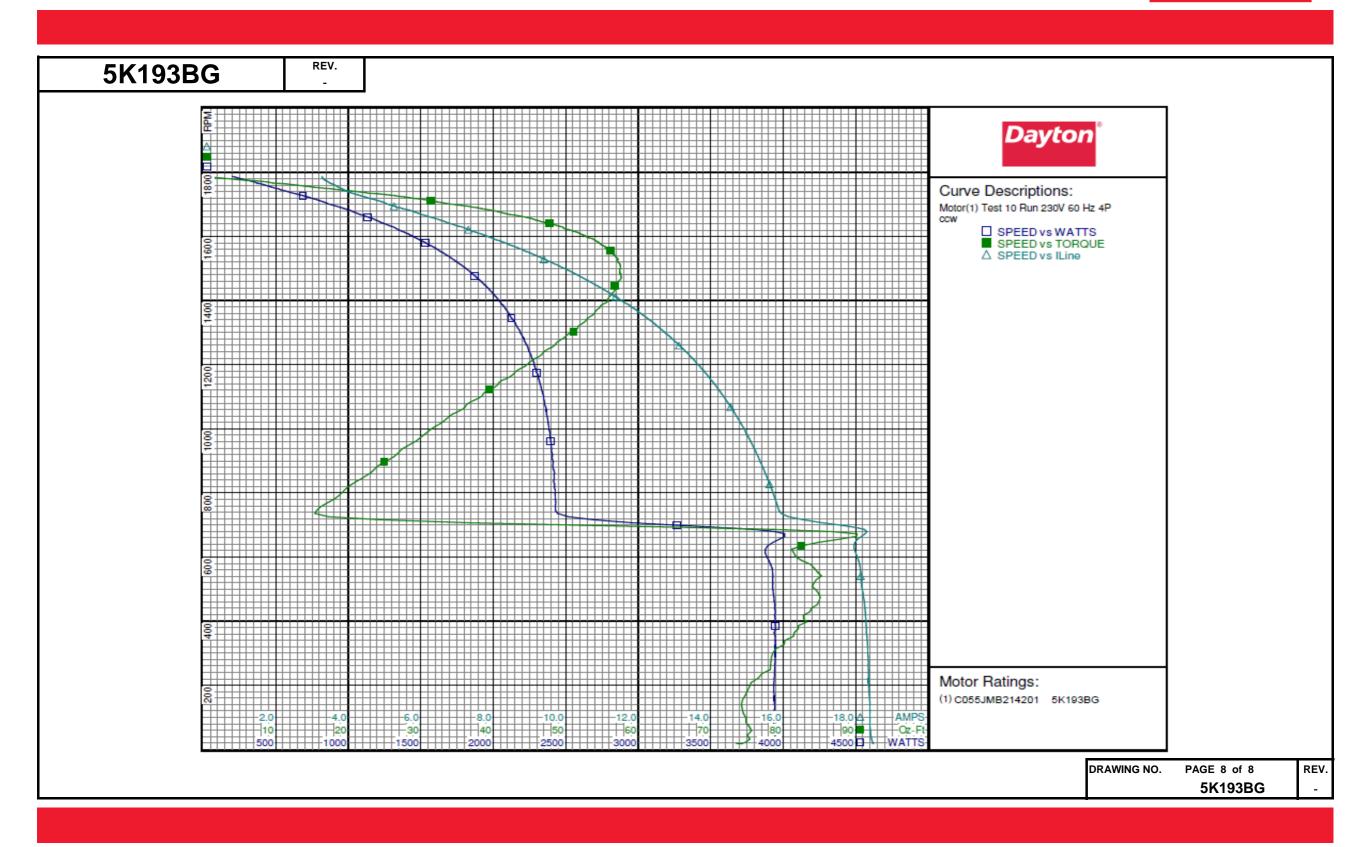






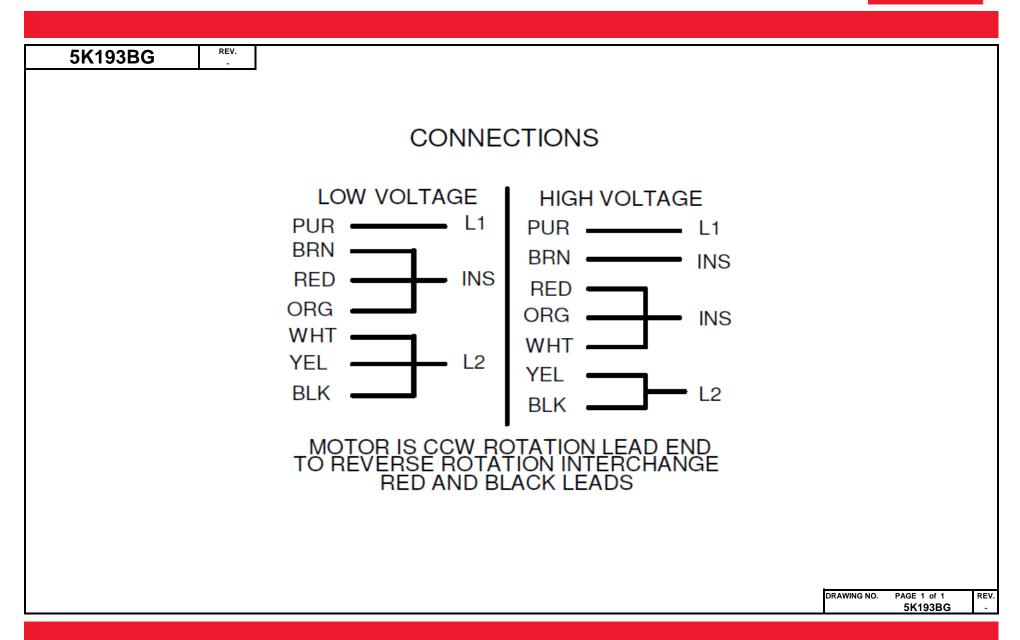
5K193BG	REV. -								
				D	ayton Ma	nufactu	ring Co	mpany	
Motor Des	scription					Test Con	ditions		
Model:	C055JMB214	201 5K193	BG	Test Type	: Run		Run C	ap:	0
Motor ID:	1			Test Num			Start C	Cap:	Oμfd
Poles:	4			Poles:	4			nment:	•
Volts:	115/208-230			Volts:	230		Tested		10/20/2015 12:30:31 PM
Frequency:	60			Hz:	60		Tested		Sharp, Gerald
HP:	1/2			Rotation:	ccw		Gear F		1:1
Speed:	1725			Special Co					: -0.54 Oz-Ft
Phase:	1			Speed Cor					: -2.80 Oz-Ft
Protector:	CEJ69GV			TestBoard		Performance		ge rorque	2.00 02 10
Special Points	Vline(V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF (%)	
-	230.0	3.271	200	1787	0.00	0.000	0.0	26.6	
	230.0	3.488	370	1766	9.61	0.202	40.7	46.1	
24.3 OZ-FT	230.0 230.0	3.833 4.179	515 643	1749 1733	17.44 24.30	0.363 0.501	52.6 58.1	58.4 66.9	
0.5 HP	230.0	4.175	642	1733	24.24	0.500	58.1	66.8	
	230.0	4.337	687	1727	26.44	0.544	59.0	68.9	
1725 RPM	230.0	4.393	703	1725	27.00	0.554	58.9	69.5	
	230.0 230.0	4.940 5.577	829 989	1707 1685	32.31 38.92	0.657 0.780	59.1 58.9	73.0 77.1	
	230.0	6.232	1131	1661	44.15	0.873	57.6	78.9	
	230.0	6.900	1266	1637	48.41	0.943	55.6	79.8	
	230.0	7.588	1400	1610	51.88	0.994	53.0	80.2	
	230.0 230.0	8.308 8.985	1532 1650	1580 1550	54.58 56.34	1.027	50.0 47.0	80.2 79.8	
	230.0	9.676	1765	1514	57.45	1.036	43.8	79.3	
	230.0	10.340	1868	1478	57.57	1.013	40.4	78.6	
BDT OZ-FT	230.0 230.0	10.474 11.000	1889	1470	57.66 56.80	1.009 0.972	39.9 36.9	78.4 77.7	
	230.0	11.624	1967 2052	1437 1393	55.53	0.921	33.5	76.7	
	230.0	12.242	2126	1345	53.04	0.849	29.8	75.5	
	230.0	12.811	2196	1293	50.20	0.773	26.2	74.5	
	230.0 230.0	13.346 13.840	2252 2297	1237 1176	46.89 42.96	0.690 0.601	22.9 19.5	73.4 72.2	
	230.0	14.294	2341	1109	38.62	0.510	16.2	71.2	
	230.0	14.712	2371	1039	33.92	0.419	13.2	70.1	
	230.0	15.094	2396	962	29.37	0.336	10.5	69.0	
	230.0 230.0	15.428 15.746	2409 2427	881 790	23.91 18.66	0.251 0.176	7.8 5.4	67.9 67.0	
	230.0	17.597	3264	699	51.95	0.432	9.9	80.6	
	230.0	17.999	3875	612	81.47	0.594	11.4	93.6	
	230.0 230.0	18.181 18.287	3929 3944	496 386	84.56 82.09	0.499 0.377	9.5 7.1	94.0 93.8	
	230.0	18.344	3940	262	78.24	0.244	4.6	93.4	
	230.0	18.393	3938	125	74.35	0.111	2.1	93.1	
	230.0	18.490	3958	18	73.52	0.016	0.3	93.1	
									DRAWING NO. PAGE 7 of 8
									5K193B0





Wiring Diagram





Dayton® INDUSTRIAL MOTOR **HP:** 1/2 5K193BG VOLTS: 115/208-230 Disconnect Power Before Making AMPS: 8.5/4.2-4.3 PH: 1 **Any Electrical Connections or Changes RPM: 1725** HZ: 60 CONNECTIONS **DUTY: CONT** FR: 48 SF: 1.0 INS CL: F LOW VOLTAGE HIGH VOLTAGE KVA CODE: L **AMB**: 40 °C PHR BRN **ENCL: TEFC** SFA: 8.5/4.2-4.3 BBN INS RED INS RED THERMALLY PROTECTED: AUTO AVG FI ORG ORG MFG. NO. PROT. CODE: 00030 INS FFF WHT WHT MTR REF: C55CXJMB-2142 YEL YFI BI K

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

E37403

Made in Mexico

RED AND BLACK LEADS