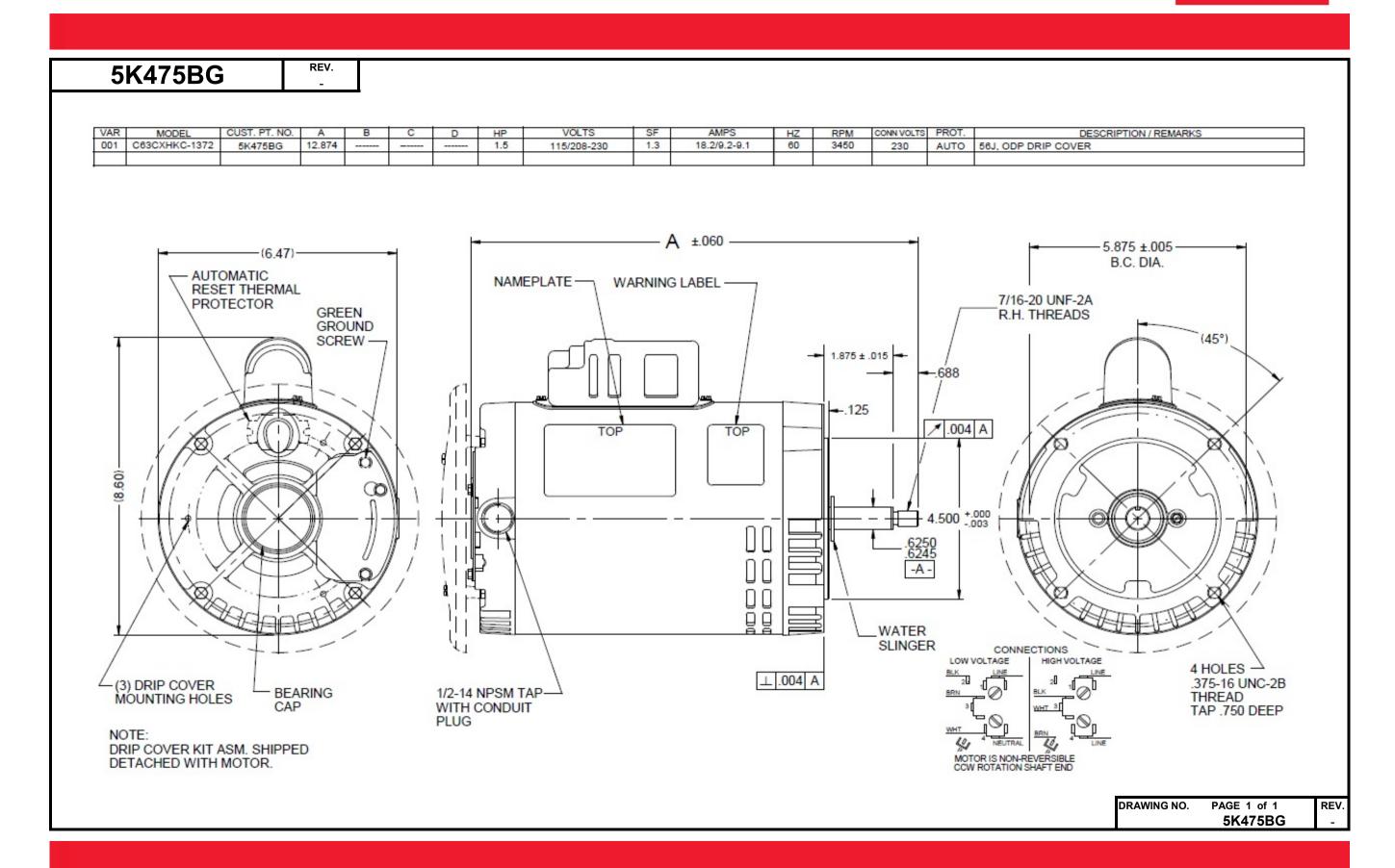
Dimensional Drawing





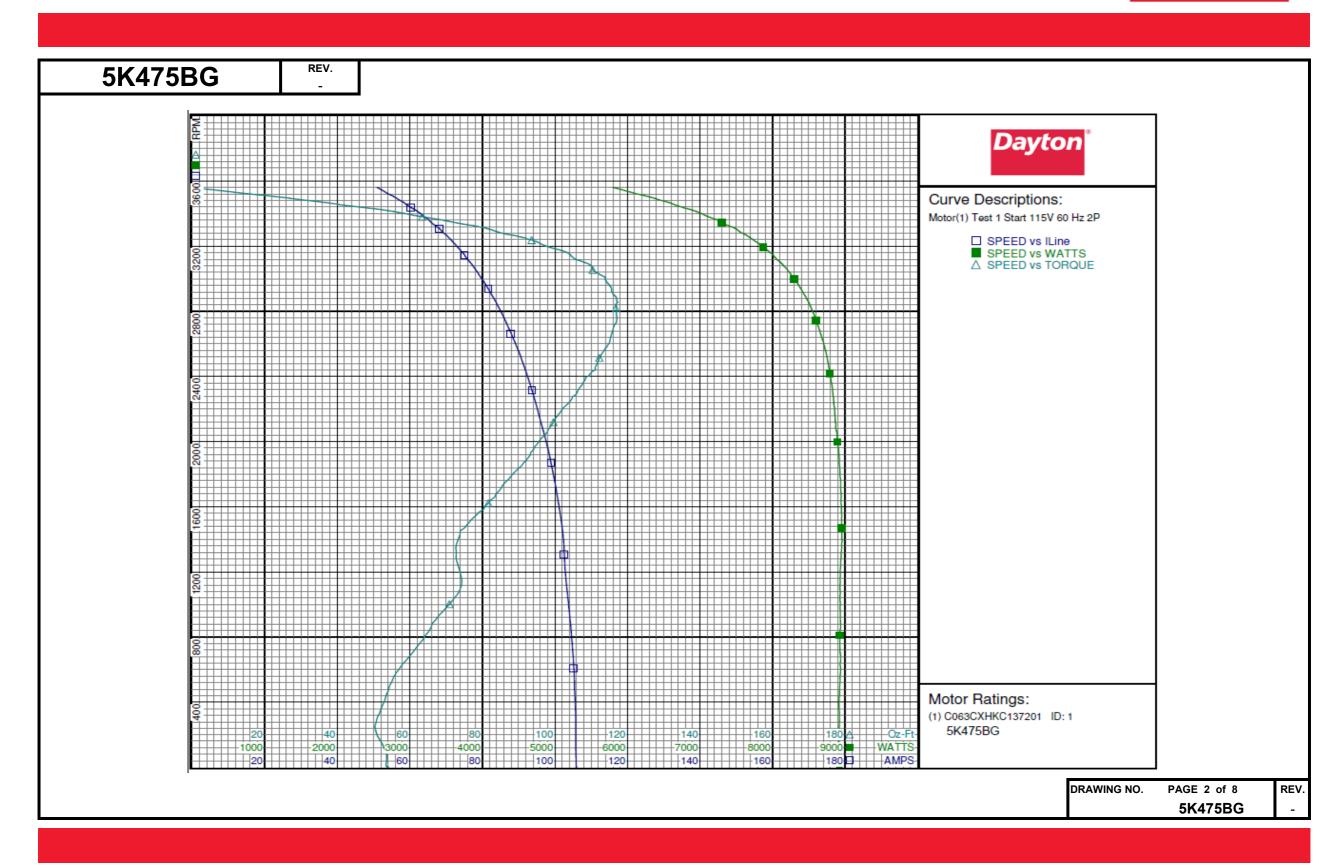


5K475BG	-										
	МОТО	R PERF	ORMA	NCE							
HP:	1 1/2										
Poles:	2										
No. of Speeds:	1										
<u> </u>	•	200	000	445		1	<u> </u>				
Volts: HZ:	115/208-230 60	208	230 60	115 60							
nz: Service Factor:	1.3	60	60	60		<u> </u>					
	@ Rated Load	74.2	72.8	72.9			+	-			
Efficiency: Power Factor:	@ Rated Load	82.2	76.2	76.7							
Amps:	@ No Load	02.2	70.2	70.7		1	+				
Allips.	@ Rated Load	8.9	8.9	17.7							
	@ Service Factor	11.1	10.72	20.94				-			
	@ Locked Rotor	47.1	53.5	105.9							
RPM:	@ Rated Load	3495	3514	3516			1				
Ambient (°C):	40	1					1				
Altitude (FASL):											
Torques:	Breakdown	82.5	102.7	104.6							
•	Locked Rotor	41.3	51	54							
	Pull-Up	37.2	45.9	48.6							
	Rated Load	36.5	36.5	36.5							
	Service Factor	47.5	47.5	47.5							
Watts:	Rated Load	1528	1564	1565							
KVA Code:	К	Н	K	K							
Temperature Rise:	@ Rated Load	36	28.5	19.7							
	@ Service Factor	60.2	59	21.8							
Thermal Protector:	Trip Temp (°C)	140.6	137.6	128.6							
Winding Material:	Start (Auxiliary)	Cu	Cu	Cu							
<u> </u>	Run (Main)	Al	AI AI AI 238								
Capacitor(s):	Start (MFD / Volts) No. of Start Capacitors	230									
	Run (MFD / Volts)		N/A								
	No. of Run Capacitors				IN/A						
	140. Of Itali Supudiois						1				
LOW SPEED PER	FORMANCE DATA:	<u>'</u>	ı					.			
HP:											
Poles:							•				
Volts:						<u> </u>					
HZ:	0.5 / //						1				
Efficiency:	@ Rated Load						1				
Power Factor:	@ Rated Load					 	+				
Amps:	@ No Load	+					1				
	@ Rated Load	1					+				
	@ Service Factor @ Locked Rotor	+					1				
Torques	Bead Down	+				1	+				
Torques:	Locked Rotor	+				1	+				
	Pull-Up	+					+				
	Rated Load	+					+				
	Service Factor	+					+				
Watts:	@ Rated Load	+				1	+				
Temperature Rise:	@ Rated Load	+					†				
. omporataro Moor	@ Service Factor	†					†				
			Ì	j		İ					



Model:					Da	ayton Ma	anufactui	ring Com	pany					
Model Motor ID 1	Motor Des	cription					Test Con	ditions						
Volts:	Model: Motor ID:	C063CXHKC	137201	5K475BG	Test Numb	er. 1		Run Car Start Ca	p:		OLTS			
	Volts: Frequency: HP: Speed: Phase:	115/208-230 60 1.5 3450			Volts: Hz: Rotation: Special Co Speed Con	115 60 ond:	D. C.	Tested: Tested I Gear Ra Bearing Windage	By: tio: Friction:	Sharp, Gerald 1:1 -0.38 Oz-Ft				
115.0 94.8 10.1 105.86 104.12 10.28 8903 1 53.98 0.001 0.0 73.1 247.8 115.0 97.0 106.7 105.76 103.94 10.20 8913 76 53.61 0.048 0.4 73.3 248.0 115.0 97.0 106.7 105.70 103.65 9.97 8918 250 50.32 0.150 1.3 73.4 247.7 115.0 98.2 105.0 105.63 103.45 9.81 8915 39.9 52.04 0.223 1.9 73.4 247.7 115.0 101.5 101.3 105.13 102.56 9.45 8929 632 57.93 0.436 3.6 73.9 247.6 115.0 105.7 98.2 104.27 101.16 9.15 8935 883 66.21 0.696 5.8 74.5 247.2 115.0 111.4 96.9 103.18 99.47 9.02 8929 1115 74.18 0.984 8.2 75.3 247.0 115.0 111.5 97.2 102.52 98.37 9.05 8948 1329 72.73 1.150 9.6 75.9 247.1 115.0 117.7 93.0 101.62 97.21 8.63 8950 1528 77.27 1.405 11.7 76.6 246.3 115.0 12.2 89.9 100.26 97.21 8.63 8950 1528 77.27 1.405 11.7 76.6 246.3 115.0 127.2 89.9 10.26 95.41 8.33 8939 1713 85.14 1.737 14.5 77.5 245.6 115.0 127.4 87.9 98.76 93.43 8.12 8920 1885 92.05 2.065 17.3 78.5 244.9 115.0 138.9 87.3 95.23 886.7 97.04 891.20 8.00 8888 2044 97.35 2.369 19.7 97. 78.5 244.6 115.0 138.9 87.3 95.23 88.64 86.45 8.14 8832 2183 101.85 2.659 22.4 80.8 244.6 115.0 138.9 87.3 95.23 88.45 88.45 88.2 2193 101.85 2.659 22.4 80.8 244.6 115.0 138.9 87.3 95.23 88.45 88.45 88.2 2193 101.85 2.659 22.4 80.8 244.6 115.0 138.9 87.3 95.23 88.40 88.2 87.7 245.3 111.04 3.243 27.6 83.3 244.5 115.0 153.2 90.2 91.61 84.00 8.32 87.76 2453 111.04 3.243 27.6 83.3 244.5 115.0 153.2 90.2 91.61 84.00 8.32 87.76 2453 111.04 3.243 27.6 83.3 244.5 115.0 168.8 96.7 87.68 78.86 8.94 8657 2675 115.78 3.687 31.8 85.8 245.2 115.0 177.0 101.2 85.63 76.23 9.37 88.75 2774 116.96 3.863 33.6 87.1 248.8 115.0 129.4 132.4 74.80 62.86 12.63 9.37 88.5 247.2 115.0 129.4 132.4 74.80 62.86 12.63 9.33 10.88 3.69 3.64 35.1 83.5 245.2 115.0 129.4 132.4 74.80 62.86 12.63 9.33 10.88 31.0 3.88 35.1 83.5 245.2 115.0 129.4 132.4 74.80 62.86 12.63 9.33 10.88 31.3 10.8 85.9 36.4 92.9 92.9 53.1 115.0 227.5 139.5 77.01 65.52 11.86 813 3000 109.33 4.021 36.9 91.8 255.3 115.0 227.5 139.5 77.04 60.16 13.43 7821 3300 109.33 4.021 36.9 91.8 255.3 115.0 227.5 139.5 77.04 60.16 13.43 7821 3300 90.3 31.0 90.3 31.0														
115.0 98.2 105.0 105.63 103.45 9.81 8915 359 52.04 0.223 1.9 73.4 247.7 115.0 101.5 101.3 105.13 102.56 9.45 8929 632 57.93 0.436 3.6 73.9 247.6 115.0 105.7 98.2 104.27 101.16 9.15 8935 883 66.21 0.696 5.8 74.5 247.2 115.0 111.4 96.9 103.18 99.47 9.02 8929 1115 74.18 0.984 8.2 75.3 247.0 115.0 115.5 97.2 102.52 98.37 9.05 8948 1329 72.73 1.150 9.6 75.9 247.1 115.0 117.7 93.0 101.62 97.21 8.63 8950 1528 77.27 1.405 11.7 76.6 246.3 115.0 122.2 89.9 100.26 93.41 8.33 8939 1713 85.14 1.777 14.5 77.5 245.6 115.0 127.4 87.9 98.76 93.43 8.12 8920 1885 92.05 2.065 17.3 78.5 244.9 115.0 132.8 86.7 97.04 91.20 8.00 8888 2044 97.35 2.369 19.9 79.6 244.8 115.0 132.8 86.7 97.04 91.20 8.00 8888 2044 97.35 2.369 19.9 79.6 244.8 115.0 138.9 87.3 95.23 88.81 8.05 8852 2193 101.85 2.699 22.4 80.8 244.6 115.0 153.2 90.2 91.61 84.00 8.32 8776 2453 111.04 3.243 27.6 83.3 244.4 115.0 160.8 93.1 89.67 81.48 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 160.8 93.1 89.67 81.48 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 160.8 93.1 89.67 81.48 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 160.8 93.1 89.67 81.48 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 160.8 93.1 89.67 81.48 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 160.8 93.1 89.67 81.48 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 160.8 93.1 89.67 81.48 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 160.8 93.1 89.67 81.89 86.8 8.94 8657 2675 115.78 3.687 31.8 85.8 245.2 115.0 123.8 115.0 123.8 112.3 81.39 70.87 10.49 8380 2945 115.9 3.89 35.1 88.3 244.6 115.0 202.5 118.5 77.0 65.5 86.1 11.5 8264 3019 112.94 4.099 36.6 89.5 247.8 115.0 235.5 146.9 70.15 57.48 14.26 7643 3265 88.73 3.448 33.7 94.7 257.5 115.0 243.2 175.5 139.5 77.4 60.16 81.3 43 265 88.73 3.448 33.7 94.7 257.5 115.0 243.2 175.5 139.5 77.4 60.16 80.9 11.15 0.262.2 173.1 59.9 54.6 12.6 63 76.8 3.3 340 35.7 72 2.338 24.9 97.1 266.3 115.0 245.6 41.6 73.6 62.7 49.40 16.80 6998 3403 57.7 2 2.338 24.9 97.1 266.3 115.0 245.6 41.7 3.9 59.5 46.8 17.6 60.6 6998 3403 57.7 2 2.338 24.9 97.1 266.	Special Points	115.0 115.0	94.8 95.5	110.1 109.1	105.86 105.76	104.12 103.94	10.28	8903 8913	1 76	53.98 53.61	0.001	0.0	73.1 73.3	247.8 248.0
115.0 111.4 96.9 103.18 99.47 9.02 8929 1115 74.18 0.984 8.2 75.3 247.0 115.0 115.5 97.2 102.52 98.37 9.05 8948 1329 72.73 1.150 9.6 75.9 247.1 115.0 117.7 93.0 101.62 97.21 8.63 8990 1528 77.27 1.405 11.7 76.6 246.3 115.0 122.2 89.9 100.26 95.41 8.33 8939 1713 85.14 1.737 14.5 77.5 245.6 115.0 127.4 87.9 98.76 93.43 8.12 8920 1885 92.05 2.065 17.3 78.5 244.9 115.0 132.8 86.7 97.04 91.20 8.00 8888 2044 97.35 2.369 19.9 79.6 244.8 115.0 138.9 87.3 95.23 88.81 8.05 8852 2193 101.85 2.659 22.4 80.8 244.6 115.0 146.0 88.3 93.46 86.45 8.14 8823 2328 106.71 2.957 25.0 82.1 244.5 115.0 153.2 90.2 91.61 84.00 8.32 8776 2453 111.04 3.243 27.6 83.3 244.4 115.0 160.8 93.1 89.67 81.45 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 160.8 93.1 89.67 81.85 8.59 9.89 8485 2864 116.99 3.988 35.1 88.5 88.5 245.2 115.0 177.0 101.2 85.63 76.23 9.37 8575 2774 116.96 3.863 33.6 87.1 245.8 115.0 193.8 112.3 81.39 70.87 10.49 8380 2945 115.49 4.049 36.0 89.5 247.8 115.0 202.5 118.5 79.22 68.19 11.1 82.4 309 109.3 4.02 11.5 82.4 309 109.3 4.02 11.5 83.6 90.7 249.6 115.0 202.5 118.5 79.22 68.19 11.1 88.3 3090 109.3 3.484 33.7 94.7 249.6 115.0 227.5 138.5 79.22 68.19 11.1 86 8133 3090 109.3 3.402 12.94 4.059 36.6 90.7 249.6 115.0 211.1 125.5 77.01 65.52 11.86 8133 3090 109.3 3.484 33.7 94.7 245.8 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.0 227.5 139.5 74.7 10.49 8380 2945 115.49 4.059 36.6 90.7 249.6 115.		115.0 115.0	98.2 101.5	105.0 101.3	105.63 105.13	103.45 102.56	9.81 9.45	8915 8929	359 632	52.04 57.93	0.223	1.9 3.6	73.4 73.9	247.7 247.6
115.0 122.2 89.9 100.26 95.41 8.33 8939 1713 85.14 1.737 14.5 77.5 245.6 115.0 127.4 87.9 98.76 93.43 8.12 8920 1885 92.05 2.065 17.3 78.5 244.9 115.0 132.8 86.7 97.04 91.20 8.00 8888 2044 97.35 2.369 19.9 97.6 244.8 115.0 138.9 87.3 95.23 88.81 8.05 8852 2193 101.85 2.659 22.4 80.8 244.6 115.0 146.0 88.3 93.46 86.45 8.14 8823 2328 106.71 2.997 25.0 82.1 244.5 115.0 160.8 93.1 89.67 81.45 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 168.8 96.7 87.68 78.86 8.94 8657 2675 115.78 3.687 31.8 88.8 245.2 115.0 177.0 101.2 85.63 76.23 9.37 8575 2774 116.96 3.863 33.6 87.1 245.8 115.0 193.8 112.3 81.39 70.87 10.49 8380 2945 115.49 4.049 36.0 89.5 247.8 115.0 202.5 118.5 79.22 68.19 11.15 8264 3019 112.94 4.099 36.6 90.7 249.6 115.0 211.1 125.5 77.01 65.52 11.86 8133 3090 109.33 4.021 36.9 91.8 250.8 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.69 31.7 93.8 253.3 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.69 31.7 93.8 255.3 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.69 31.7 93.6 299.2 33.1 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.69 36.4 92.9 253.1 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.69 31.7 93.6 253.3 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.69 31.7 95.6 260.3 115.0 250.0 160.7 65.32 52.14 15.95 7243 3359 69.21 2.767 28.5 96.4 263.3 115.0 250.0 160.7 65.32 52.14 15.95 7243 3359 69.21 2.767 28.5 96.4 263.3 115.0 250.0 160.7 65.32 52.14 15.95 7243 3359 69.21 2.767 28.5 96.4 263.3 115.0 267.4 178.6 57.99 40.60 6998 3403 57.72 2.338 24.9 97.1 266.3 115.0 267.4 178.6 57.99 43.73 18.40 6446 3482 30.82 1.278 14.8 98.2 273.2 115.0 267.4 178.6 57.99 43.73 18.40 6446 3482 30.82 1.278 14.8 98.2 273.2 115.0 271.9 183.9 54.08 40.71 19.17 66131 3520 16.13 0.676 8.2 98.6 67.6 67.6 67.6 115.0 271.9 183.9 54.08 40.71 19.17 6613 3520 16.13 0.676 8.2 98.6 67.6 67.6 67.6 67.8 10.8 115.0 271.9 183.9 54.08 40.71 19.17 66131 3520 16.13 0.676 8.2 98.6 67.6 67.6 67.6 67.8 20.7 67.6 67.6 67.8 20.7 67.6 67.6 67.8 20.7 67.6 67.6 67.8 20.7 67.6 67.8 20.7 67.6 67.6 67.8		115.0 115.0	111.4 115.5	96.9 97.2	103.18 102.52	99.47 98.37	9.02 9.05	8929 8948	1115 1329	74.18 72.73	0.984 1.150	8.2 9.6	75.3 75.9	247.0 247.1
115.0 138.9 87.3 95.23 88.81 8.05 8852 2193 101.85 2.659 22.4 80.8 244.6 115.0 146.0 88.3 93.46 86.45 8.14 8823 2328 106.71 2.957 25.0 82.1 244.5 115.0 153.2 90.2 91.61 84.00 8.32 8776 2453 111.04 3.243 27.6 83.3 244.4 115.0 160.8 93.1 89.67 81.45 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 168.8 96.7 87.68 78.86 8.94 8657 2675 115.78 3.687 31.8 85.8 245.2 115.0 177.0 101.2 85.63 76.23 9.37 8575 2774 116.96 3.863 33.6 87.1 245.8 115.0 185.3 106.3 83.52 73.55 9.89 8485 2864 116.99 3.988 35.1 88.3 246.7 115.0 193.8 112.3 81.39 70.87 10.49 8380 2945 115.49 4.049 36.0 89.5 247.8 115.0 202.5 118.5 79.22 68.19 11.15 8264 3019 112.94 4.059 36.6 90.7 249.6 115.0 211.1 125.5 77.01 65.52 11.86 8133 3090 109.33 4.021 36.9 91.8 250.8 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.684 35.1 93.8 255.3 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.684 35.1 93.8 255.3 115.0 243.2 153.9 67.87 64.95 15.10 7464 3313 80.40 3.170 31.7 95.6 260.3 115.0 243.2 153.9 67.87 54.95 15.10 7464 3313 80.40 3.170 31.7 95.6 260.3 115.0 256.4 167.3 62.67 49.40 16.80 6998 3403 57.72 2.338 24.9 97.1 266.3 115.0 262.2 173.1 59.95 46.58 17.60 6731 3441 45.39 1.860 20.6 97.6 269.7 115.0 267.4 178.6 57.09 43.73 18.40 6446 3482 30.82 1.278 14.8 98.2 273.2 115.0 271.9 183.9 54.08 40.71 19.17 6131 3520 16.13 0.676 8.2 98.6 276.6		115.0 115.0	122.2 127.4	89.9 87.9	100.26 98.76	95.41 93.43	8.33 8.12	8939 8920	1713 1885	85.14 92.05	1.737	14.5 17.3	77.5 78.5	245.6 244.9
115.0 160.8 93.1 89.67 81.45 8.58 8719 2570 113.80 3.482 29.8 84.6 244.5 115.0 168.8 96.7 87.68 78.86 8.94 8657 2675 115.78 3.687 31.8 85.8 245.2 115.0 177.0 101.2 85.63 76.23 9.37 8575 2774 116.96 3.863 33.6 87.1 245.8 115.0 185.3 106.3 83.52 73.55 9.89 8485 2864 116.99 3.988 35.1 88.3 246.7 115.0 193.8 112.3 81.39 70.87 10.49 8380 2945 115.49 4.049 36.0 89.5 247.8 115.0 202.5 118.5 79.22 68.19 11.15 8264 3019 112.94 4.059 36.6 90.7 249.6 115.0 211.1 125.5 77.01 65.52 11.86 8133 3090 109.33 4.021 36.9 91.8 250.8 115.0 219.4 132.4 74.80 62.86 12.63 7988 3153 103.86 3.899 36.4 92.9 253.1 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.684 35.1 93.8 255.3 115.0 235.5 146.9 70.15 57.48 14.26 7643 3265 88.73 3.448 33.7 94.7 257.5 115.0 243.2 153.9 67.87 54.95 15.10 7464 3313 80.40 3.170 31.7 95.6 260.3 115.0 256.4 167.3 62.67 49.40 16.80 6998 3403 57.72 2.338 24.9 97.1 266.3 115.0 262.2 173.1 59.95 46.58 17.60 6731 3441 45.39 1.860 20.6 97.6 269.7 115.0 267.4 178.6 57.09 43.73 18.40 6446 3482 30.82 1.278 14.89 88.2 273.2 115.0 267.4 178.6 57.09 43.73 18.40 6446 3482 30.82 1.278 14.89 88.2 273.2 115.0 271.9 183.9 54.08 40.71 19.17 6131 3520 16.13 0.676 8.2 98.6 276.6		115.0 115.0	138.9 146.0	87.3 88.3	95.23 93.46	88.81 86.45	8.05 8.14	8852 8823	2193 2328	101.85 106.71	2.659 2.957	22.4 25.0	80.8 82.1	244.6 244.5
115.0 185.3 106.3 83.52 73.55 9.89 8485 2864 116.99 3.988 35.1 88.3 246.7 115.0 193.8 112.3 81.39 70.87 10.49 8380 2945 115.49 4.049 36.0 89.5 247.8 115.0 202.5 118.5 79.22 68.19 11.15 82.64 3019 112.94 4.059 36.6 90.7 249.6 115.0 211.1 125.5 77.01 65.52 11.86 8133 3090 109.33 4.021 36.9 91.8 250.8 115.0 219.4 132.4 74.80 62.86 12.63 7988 3153 103.86 3.899 36.4 92.9 253.1 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.684 35.1 93.8 255.3 115.0 235.5 146.9 70.15 57.48 14.26 7643 3265 88.73 3.448 33.7 94.7 257.5 115.0 243.2 153.9 67.87 54.95 15.10 7464 3313 80.40 3.170 31.7 95.6 260.3 115.0 250.0 160.7 65.32 52.14 15.95 7243 3359 69.21 2.767 28.5 96.4 263.3 115.0 256.4 167.3 62.67 49.40 16.80 6998 3403 57.72 2.338 24.9 97.1 266.3 115.0 267.4 178.6 57.09 43.73 18.40 6446 3482 30.82 1.278 14.8 98.2 273.2 115.0 271.9 183.9 54.08 40.71 19.17 6131 3520 16.13 0.676 8.2 98.6 276.6		115.0 115.0	160.8 168.8	93.1 96.7	89.67 87.68	81.45 78.86	8.58 8.94	8719 8657	2570 2675	113.80 115.78	3.482	29.8 31.8	84.6 85.8	244.5 245.2
115.0 211.1 125.5 77.01 65.52 11.86 8133 3090 109.33 4.021 36.9 91.8 250.8 115.0 219.4 132.4 74.80 62.86 12.63 7988 3153 103.86 3.899 36.4 92.9 253.1 115.0 227.5 139.5 72.47 60.16 13.43 7821 3210 96.38 3.684 35.1 93.8 255.3 115.0 235.5 146.9 70.15 57.48 14.26 7643 3265 88.73 3.448 33.7 94.7 257.5 115.0 243.2 153.9 67.87 54.95 15.10 7464 3313 80.40 3.170 31.7 95.6 260.3 115.0 250.0 160.7 65.32 52.14 15.95 7243 3359 69.21 2.767 28.5 96.4 263.3 115.0 256.4 167.3 62.67 49.40 16.80 6998 3403 57.72 2.338 24.9 97.1 266.3 115.0 262.2 173.1 59.95 46.58 17.60 6731 3441 45.39 1.860 20.6 97.6 269.7 115.0 267.4 178.6 57.09 43.73 18.40 6446 3482 30.82 1.278 14.8 98.2 273.2 115.0 271.9 183.9 54.08 40.71 19.17 6131 3520 16.13 0.676 8.2 98.6 276.6		115.0 115.0	185.3 193.8	106.3 112.3	83.52 81.39	73.55 70.87	9.89 10.49	8485 8380	2864 2945	116.99 115.49	3.988 4.049	35.1 36.0	88.3 89.5	246.7 247.8
115.0 235.5 146.9 70.15 57.48 14.26 7643 3265 88.73 3.448 33.7 94.7 257.5 115.0 243.2 153.9 67.87 54.95 15.10 7464 3313 80.40 3.170 31.7 95.6 260.3 115.0 250.0 160.7 65.32 52.14 15.95 7243 3359 69.21 2.767 28.5 96.4 263.3 115.0 256.4 167.3 62.67 49.40 16.80 6998 3403 57.72 2.338 24.9 97.1 266.3 115.0 262.2 173.1 59.95 46.58 17.60 6731 3441 45.39 1.860 20.6 97.6 269.7 115.0 267.4 178.6 57.09 43.73 18.40 6446 3482 30.82 1.278 14.8 98.2 273.2 115.0 271.9 183.9 54.08 40.71 19.17 6131 3520 16.13 0.676 8.2 98.6 276.6		115.0 115.0	211.1 219.4	125.5 132.4	77.01 74.80	65.52 62.86	11.86 12.63	8133 7988	3090 3153	109.33 103.86	4.021 3.899	36.9 36.4	91.8 92.9	250.8 253.1
115.0 256.4 167.3 62.67 49.40 16.80 6998 3403 57.72 2.338 24.9 97.1 266.3 115.0 262.2 173.1 59.95 46.58 17.60 6731 3441 45.39 1.860 20.6 97.6 269.7 115.0 267.4 178.6 57.09 43.73 18.40 6446 3482 30.82 1.278 14.8 98.2 273.2 115.0 271.9 183.9 54.08 40.71 19.17 6131 3520 16.13 0.676 8.2 98.6 276.6		115.0 115.0	235.5 243.2	146.9 153.9	70.15 67.87	57.48 54.95	14.26 15.10	7643 7464	3265 3313	88.73 80.40	3.448 3.170	33.7 31.7	94.7 95.6	257.5 260.3
115.0 271.9 183.9 54.08 40.71 19.17 6131 3520 16.13 0.676 8.2 98.6 276.6		115.0 115.0	256.4 262.2	167.3 173.1	62.67 59.95	49.40 46.58	16.80 17.60	6998 6731	3403 3441	57.72 45.39	2.338	24.9 20.6	97.1 97.6	266.3 269.7
		115.0	271.9	183.9	54.08	40.71	19.17	6131	3520	16.13	0.676	8.2	98.6	276.6

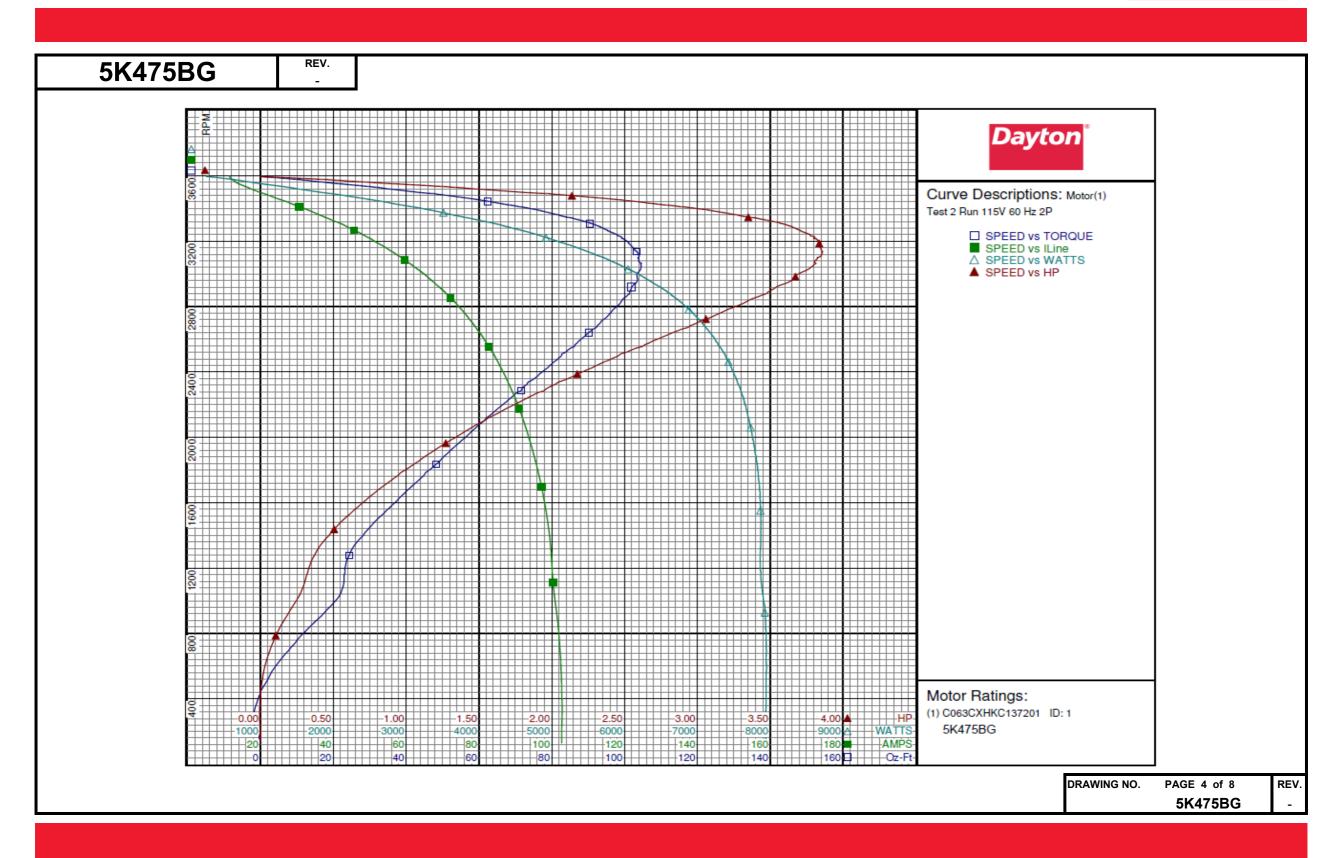






K475BG	REV.											
				Da	avton Ma	nufactu	ring Cor	npany				
Motor Des	scription			Dayton Manufacturing Company Test Conditions								
Model:	C063CXHK	C137201	5K475BG	Test Type:	Run	rest con	Run Ca	in.	0			
Motor ID:	1	C137201	JETIJDO	Test Numb			Start C		238µfd 110 VC	OT TC		
Poles:	2			Poles:	2		Enviro		23ομια 110 V	JL13		
Volts:	115/208-230)		Volts:	115		Tested:		7/18/2002 11:5	8·16 AM		
Frequency:	60			Hz:	60		Tested		Sharp, Gerald	0.1021111		
HP:	1.5		Rotation:	00		Gear R		1:1				
Speed:	3450			Special Co	nd:				-0.27 Oz-Ft			
Phase:	1			Speed Con					:-2.33 Oz-Ft			
Protector:	AUTO			TestBoard:		Performance		ge Forque	. 2.00 02 11			
Special Points	Vline(V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF(%)				
	115.0 115.0	11.46 13.54	255 929	3595 3555	0.00	0.000	0.0 64.9	19.3 59.7				
	115.0	17.67		3516	36.32	1.521	72.9	76.6				
36.52 OZ-FT	115.0	17.73	1565	3516	36.52	1.529	72.9	76.7				
47.47 OZ-FT	115.0	20.94	1972	3490	47.47	1.972	74.6	81.9				
3450 RPM	115.0 115.0	22.45 25.92	2160 2559	3478 3450	51.66 60.60	2.139 2.489	73.9 72.6	83.7 85.9				
3430 RPM	115.0	27.78	2755	3435	64.52	2.639	71.5	86.2				
	115.0	32.67	3293	3393	75.74	3.059	69.3	87.7				
	115.0 115.0	37.66 42.67	3792 4280	3346 3301	84.09 91.78	3.350 3.607	65.9 62.9	87.6 87.2				
	115.0	47.64	4754	3245	97.30	3.759	59.0	86.8				
	115.0	52.28	5170	3186	101.16	3.837	55.4	86.0				
BDT OZ-FT	115.0 115.0	56.95 60.99	5560 5893	3124 3063	103.67 104.60	3.855 3.814	51.7 48.3	84.9 84.0				
BD1 02-21	115.0	61.44	5926	3056	104.42	3.799	47.8	83.9				
	115.0	65.75	6249	2983	103.44	3.673	43.9	82.6				
	115.0	69.83	6538	2904	101.65	3.514	40.1	81.4				
	115.0 115.0	73.70 77.34	6791 7013	2819 2723	98.77 94.39	3.314	36.4 32.5	80.1 78.8				
	115.0	80.79	7205	2621	89.14	2.782	28.8	77.5				
	115.0	83.97	7372	2509	82.70	2.470	25.0	76.3				
	115.0 115.0	86.88 89.56	7502 7615	2387 2258	76.58 69.70	2.176 1.874	21.6 18.4	75.1 73.9				
	115.0	91.97	7702	2116	61.95	1.561	15.1	72.8				
	115.0	94.15		1964	54.46	1.274	12.2	71.8				
	115.0 115.0	96.10 97.80		1801 1625	46.52 38.00	0.997 0.735	9.5 7.0	70.8 69.9				
	115.0	99.15	7871	1438	29.56	0.506	4.8	69.0				
	115.0	99.94	7862	1237	23.51	0.346	3.3	68.4				
	115.0 115.0	100.75 101.95	7902 7942	1022 787	21.46 11.18	0.261 0.105	2.5	68.2 67.7				
	115.0	102.60	7943	547	2.63	0.017	0.2	67.3				
	115.0	102.80	7933	291	-1.89	-0.007	0.0	67.1				
									DRAWING NO.	PAGE 3 (
										5K47		

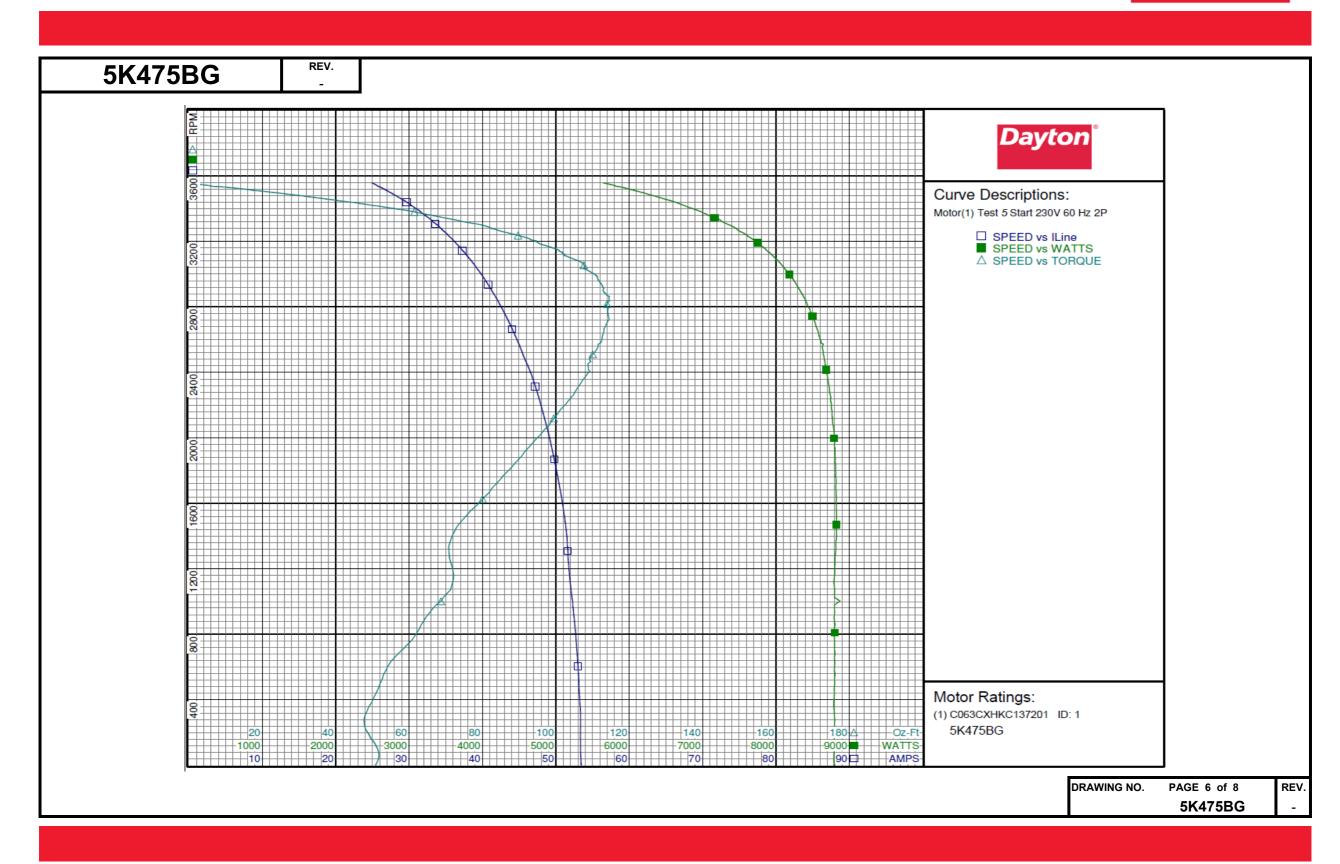






				Da	yton Ma	anufactu	ring Com	pany					
Motor Des	scription					Test Con							
Model:	C063CXHK	C137201 5	K475BG	Test Type:	Start	rest con	Run Cap):	0				
Motor ID:	1	013/201 3	1117520	Test Numb			Start Ca		238μfd 110 V	OLTS			
Poles:	2			Poles:	2		Environ		250µ10 110 .	0210			
Volts:	115/208-230			Volts:	230		Tested:		7/18/2002 5:2	27:10 PM			
Frequency:	60			Hz:	60		Tested I	Зу:	Sharp, Gerald	l			
HP:	1.5			Rotation:	otation:		Gear Ra		1:1				
Speed:	3450			Special Co			Bearing Friction:						
Phase:	1			Speed Con		D - C		e Torque:	:-2.43 Oz-Ft				
Protector:	AUTO			TestBoard:	Amtps	Performance	Fixture #2						
Special Points	Vline(V)	Vaux (V)	Vcap(V)	Iline(A)	Imain(A)	Iaux (A)	Watts	RPM		HP	Eff(%)	PF (%)	Cap
	230.0 230.0	186.1 187.5	103.2 102.4	53.48 53.37	52.10 51.89	9.629 9.554	8797 8790	1 73	50.97 51.73	0.001 0.045	0.0	71.5 71.6	247.5 247.6
PUT OZ-FT	230.0	191.6	99.8	53.35	51.58	9.301	8800	275	47.65	0.156	1.3	71.7	247.3
	230.0	192.9	98.4	53.31	51.43	9.165	8789	357	48.95	0.208	1.8	71.7	247.1
	230.0	198.4	94.7	52.96	50.65	8.806	8801	631	54.90	0.412	3.5	72.3	246.5
	230.0 230.0	204.5 210.9	91.8 90.5	52.52 51.93	49.69 48.50	8.517 8.407	8795 8788	882 1117	63.97 71.87	0.672 0.955	5.7 8.1	72.8 73.6	246.2 246.3
	230.0	215.5	90.9	51.58	47.70	8.443	8816	1329	70.74	1.119	9.5	74.3	246.4
	230.0	219.9	87.1	51.12	46.94	8.052	8826	1528	75.71	1.377	11.6	75.1	245.3
	230.0	226.1	84.4	50.44	45.79	7.793	8815	1714	83.53	1.705	14.4	76.0	244.8
	230.0 230.0	232.8 239.7	82.8 82.2	49.69 48.89	44.51 43.15	7.637 7.551	8805 8790	1886 2044	90.60 96.63	2.034 2.351	17.2 20.0	77.0 78.2	244.6 243.7
	230.0	247.0	82.3	47.99	41.71	7.566	8755	2192	102.12	2.664	22.7	79.3	243.7
	230.0	254.6	83.4	47.10	40.24	7.671	8718	2327	106.59	2.953	25.3	80.5	243.9
	230.0	260.7	86.2	46.02	38.62	7.928	8666	2453	108.74	3.175	27.3	81.9	244.1
	230.0	268.8	90.2	44.98	36.93	8.329	8644	2570	111.49	3.411	29.4	83.6	244.9
	230.0 230.0	276.7 284.8	94.3 98.9	43.92 42.85	35.29 33.67	8.716 9.175	8551 8465	2675 2772	113.40 114.07	3.610 3.764	31.5 33.2	84.6 85.9	245.3 246.1
	230.0	293.2	104.2	41.75	32.05	9.710	8375	2862	114.58	3.903	34.8	87.2	247.3
	230.0	301.6	110.2	40.63	30.44	10.312	8266	2944	112.20	3.932	35.5	88.5	248.3
	230.0	309.9	116.5	39.48	28.84	10.981	8145	3019	108.84	3.912	35.8	89.7	250.1
	230.0	317.9	123.2	38.33	27.30	11.692	8010	3088	105.18	3.867	36.0	90.9	251.8
	230.0 230.0	325.9 333.4	130.3 137.3	37.14 35.96	25.80 24.31	12.454 13.226	7860 7694	3150 3208	100.33 93.04	3.763 3.554	35.7 34.5	92.0 93.0	253.4 255.6
	230.0	340.7	144.5	34.70	22.87	14.035	7497	3262	84.95	3.299	32.8	93.9	257.6
	230.0	347.6	151.4	33.44	21.54	14.853	7301	3311	76.84	3.029	30.9	94.9	260.3
	230.0	354.1	158.0	32.17	20.32	15.659	7081	3357	66.38	2.653	28.0	95.7	262.8
	230.0 230.0	360.0 365.6	164.3 170.3	30.90 29.54	19.23 18.26	16.453 17.252	6855 6602	3401 3442	55.84 42.57	2.261 1.745	24.6 19.7	96.5 97.2	265.7 268.7
	230.0	370.4	176.0	28.08	17.27	18.034	6305	3442	29.45	1.745	14.4	97.6	271.8
	230.0	374.7	181.2	26.57	16.52	18.801	5998	3518	14.91	0.625	7.8	98.2	275.2
	230.0	378.1	185.5	24.93	15.83	19.554	5648	3556	0.00	0.000	0.0	98.5	279.6

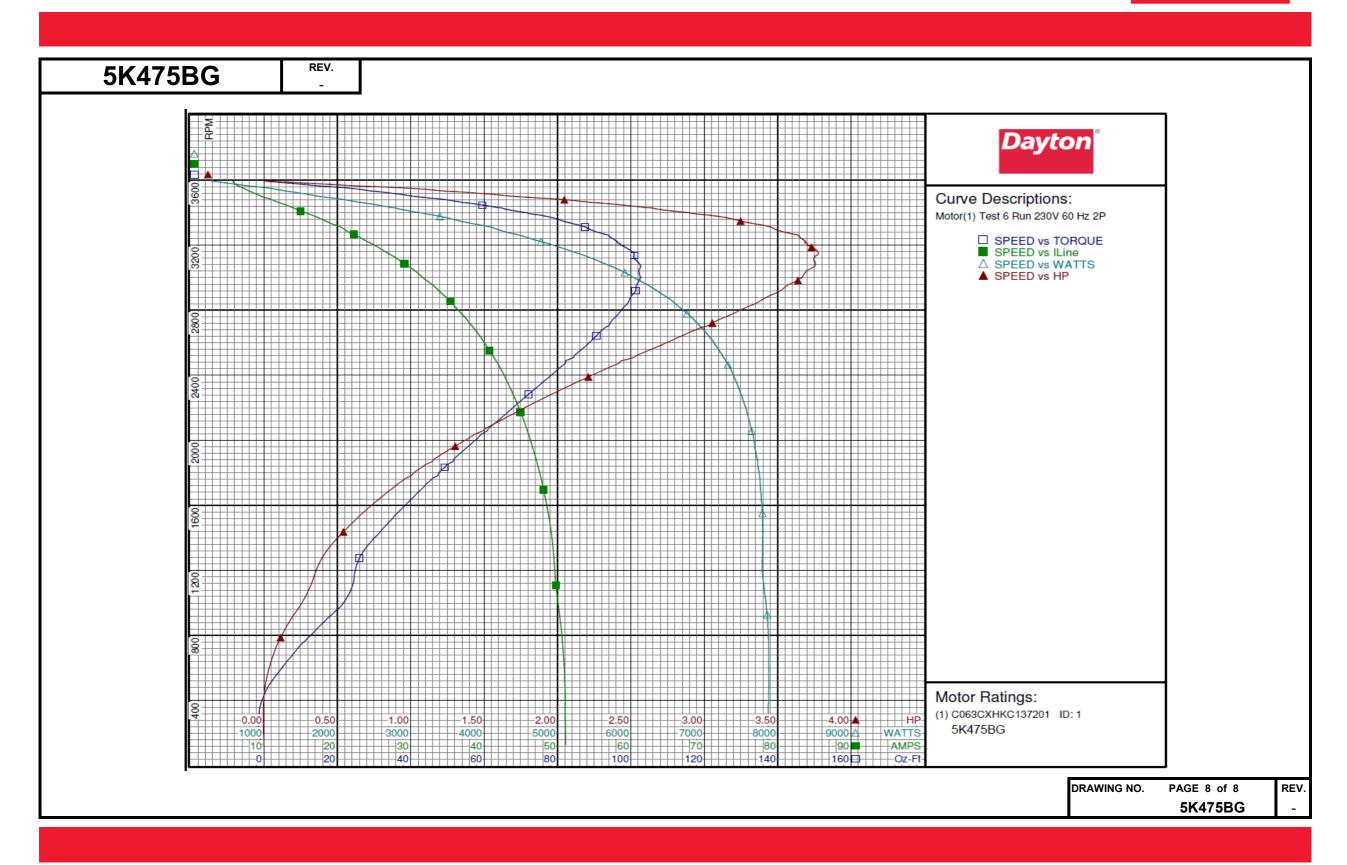






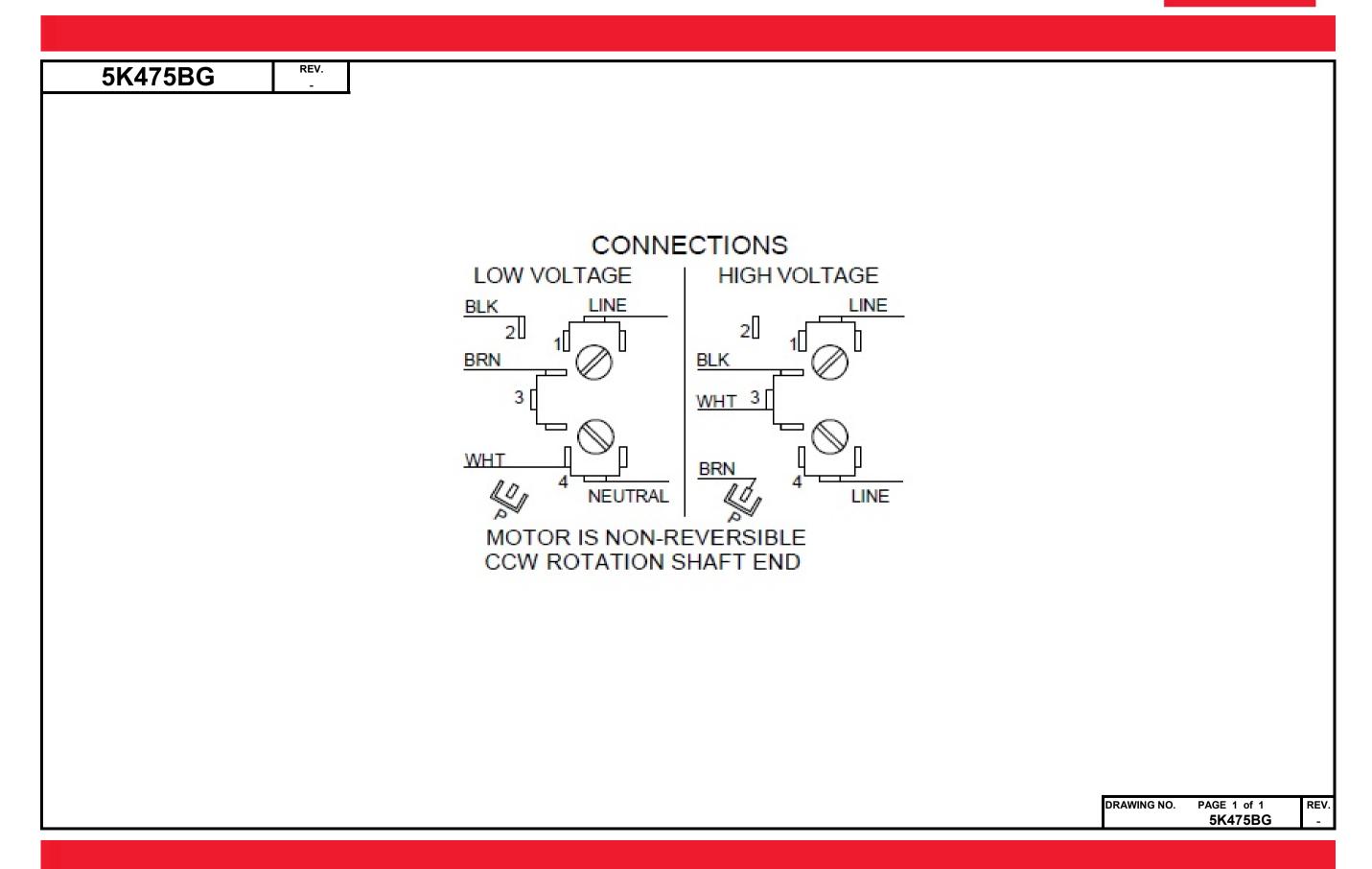
K475	BG	REV.									
					D	N.T		C			
					Day	yton Ma	nutactu	ring Con	npany		
	Motor Des	cription					Test Con	ditions			
	Model:	C063CXHK	C137201 5I	X475BG	Test Type:	Run		Run Ca	p:	0	
	Motor ID:	1			Test Number	r: 6		Start C	ap:	238µfd 110 V	OLTS
	Poles:	2			Poles:	2		Enviro	nment:	•	
	Volts:	115/208-230)		Volts:	230		Tested:		7/18/2002 3:49	9:54 PN
	Frequency:	60			Hz:	60		Tested		Sharp, Gerald	
	HP:	1.5			Rotation:			Gear R		1:1	
	Speed:	3450			Special Cone	d:				-0.19 Oz-Ft	
	Phase:	1			Speed Conn					: -2.11 Oz-Ft	
	Protector:	AUTO			TestBoard:		erformance		52 2 Sique		
Specia	al Points	Vline(V)	Iline(A)	Watts	RPM 2	ľq(Oz-ft)	HP	Eff(%)	PF (%)		
-		230.0	5.76	277	3594	0.00	0.000	0.0	21.0		
		230.0	6.78	921	3557	18.90	0.801	64.8	59.0		
36.52	OZ-FT	230.0 230.0	8.77 8.93	1527 1564	3517 3514	35.39 36.52	1.481 1.528	72.4 72.8	75.6 76.2		
47.47		230.0	10.72	2014	3484	47.47	1.969	72.9	81.6		
		230.0	11.06	2095	3479	49.43	2.047	72.9	82.4		
3450	RPM	230.0	12.78	2499	3450	58.48	2.402	71.7	85.0		
		230.0 230.0	13.52 15.92	2662 3177	3437 3394	62.04 72.12	2.538	71.1 68.4	85.6 86.8		
		230.0	18.37	3670	3347	81.50	3.247	66.0	86.9		
		230.0	20.83	4157	3300	88.43	3.474	62.3	86.8		
		230.0	23.18	4602	3244	94.53	3.651	59.2	86.3		
		230.0 230.0	25.49 27.78	5023 5420	3187 3126	98.36 100.86	3.732 3.754	55.4 51.7	85.7 84.8		
BDT C	OZ-FT	230.0	29.57	5716	3072	102.65	3.755	49.0	84.0		
		230.0	29.99	5782	3060	102.53	3.735	48.2	83.8		
		230.0	32.14	6111	2982	102.49	3.639	44.4	82.7		
		230.0 230.0	34.19 36.14	6404 6668	2904 2815	100.82 97.92	3.486 3.282	40.6 36.7	81.4 80.2		
		230.0	37.99	6900	2721	94.32	3.056	33.0	79.0		
		230.0	39.72	7099	2619	89.50	2.791	29.3	77.7		
		230.0	41.32	7259	2509	84.40 77.71	2.521	25.9	76.4		
		230.0 230.0	42.82 44.18	7407 7519	2390 2257	70.76	2.211 1.902	22.3 18.9	75.2 74.0		
		230.0	45.43	7614	2115	63.50	1.599	15.7	72.9		
		230.0	46.55	7685	1964	55.76	1.304	12.7	71.8		
		230.0 230.0	47.56 48.41	7749 7776	1800	47.62	1.021 0.766	9.8 7.3	70.8		
		230.0	49.12	7794	1625 1437	39.60 31.64	0.766	5.2	69.8 69.0		
		230.0	49.55	7791	1236	25.28	0.372	3.6	68.4		
		230.0	50.01	7836	1016	22.14	0.268	2.5	68.1		
		230.0 230.0	50.60 50.94	7873 7877	788 545	12.11 2.96	0.114	1.1	67.6 67.2		
		230.0	51.04	7875	293	-1.48	-0.005	0.0	67.1		
										DRAWING NO.	PAGE
										I	5K





Wiring Diagram





Dayton JET PUMP MOTOR

HP: 1.5 VOLTS: 115/208-230 AMPS: 18.2/9.2-9.1

PH: 1

Part 5K475BG

Disconnect Power Before Making Any **Electrical Connections or Changes** CONNECTIONS

FR: 56J INS CL: B

HZ: 60

AMB: 40 °C

SFA: 21.8/11.3-10.9 MFG. NO. PROT. CODE: 00501 AVG. F.L.

LOW VOLTAGE

WHT 3 NEUTRAL

MOTOR IS NON-REVERSIBLE CCW ROTATION SHAFT END

HIGH VOLTAGE

E37403

RPM: 3450

SF: 1.3

DUTY: CONT

KVA CODE: K **ENCL: ODP**



THERMALLY PROTECTED: AUTO

MTR REF: C63CXHKC-1372

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

Made in Mexico