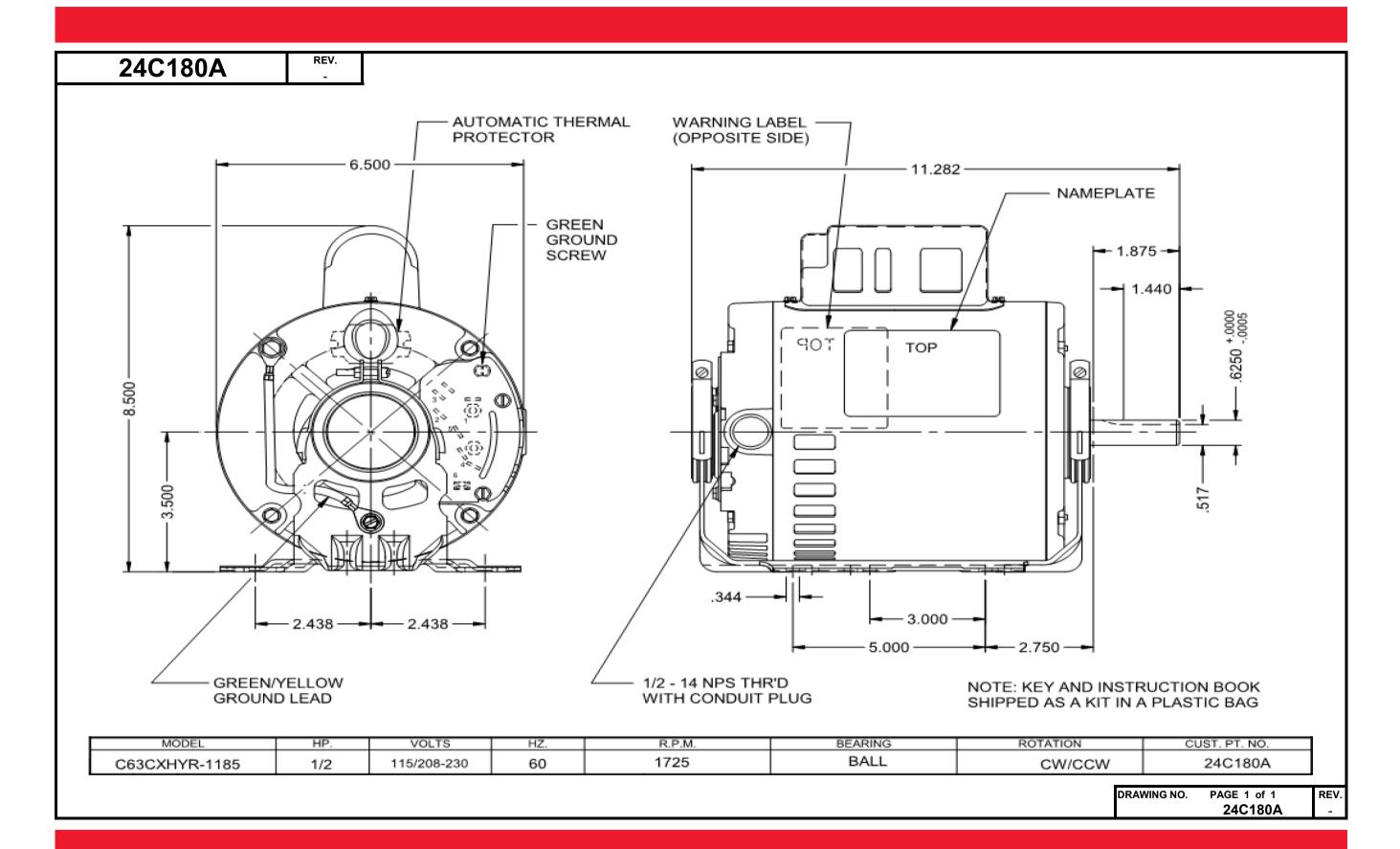
# **Dimensional Drawing**







HP: Poles: No. of Speeds: Volts: HZ: Service Factor: Efficiency: Power Factor: Amps:	1/2 HP 4P 1Spd 115/280-230 V 60 1.25 @ Rated Load @ Rated Load @ No Load	115 60 65.2	230 60	NCE					
Poles: No. of Speeds: Volts: HZ: Service Factor: Efficiency: Power Factor:	4P 1Spd 115/280-230 V 60 1.25 @ Rated Load @ Rated Load	60							
Poles: No. of Speeds: Volts: HZ: Service Factor: Efficiency: Power Factor:	4P 1Spd 115/280-230 V 60 1.25 @ Rated Load @ Rated Load	60							
No. of Speeds: Volts: HZ: Service Factor: Efficiency: Power Factor:	1Spd 115/280-230 V 60 1.25 @ Rated Load @ Rated Load	60							
Volts: HZ: Service Factor: Efficiency: Power Factor:	115/280-230 V 60 1.25 @ Rated Load @ Rated Load	60							
HZ: Service Factor: Efficiency: Power Factor:	60 1.25 @ Rated Load @ Rated Load	60				1	1		
Service Factor: Efficiency: Power Factor:	1.25 @ Rated Load @ Rated Load		OU						
Efficiency: Power Factor:	@ Rated Load @ Rated Load	65.2							
Power Factor:	@ Rated Load		65.9						
		65.1	64.9						
, <b>po</b> .		00.1	04.0						
	@ Rated Load	7.7	3.8						
	@ Service Factor	4.3	4.2						
	@ Locked Rotor	46.1	23.8						
RPM:	@ Rated Load								
Ambient (°C):	40				'				
					•		_		
Torques:	Breakdown	70	69.6						
	Locked Rotor	105.5	89.7						
	Pull-Up	100.8	89.7						
	Rated Load	+							
Watts:	Service Factor Rated Load	+							
KVA Code:	Nated Load	+							
Temperature Rise:	@ Rated Load	32.4	34.8						
Temperature Mise.	@ Service Factor	39.9	40.4						
Thermal Protector:	Trip Temp (°C)	00.0							
Winding Material:	Start (Auxiliary)			•	Al	•			
<b>J</b>	Run (Main)				Al				
Capacitor(s):	Start (MFD / Volts)			649	MFD / 125	VAC			
	No. of Start Capacitors								
	Run (MFD / Volts)		N/A						
	No. of Run Capacitors		1						
DEDECRIANCE								<u> </u>	
PERFORMANCE I	JATA:								
HP: Poles:		_							
Volts:				1		1			
HZ:									
Efficiency:	@ Rated Load								
Power Factor:	@ Rated Load								
Amps:	@ No Load	1							
,po.	@ Rated Load	1							
	@ Service Factor								
	@ Locked Rotor								
Torques:	@ Rated Load								
-	Locked Rotor								
	Pull-Up								
	Rated Load	ļ							
187 44	Service Factor								
Watts:	@ Rated Load						1		
Temperature Rise:	@ Rated Load								
	@ Service Factor			<u>L</u>		<u> </u>			



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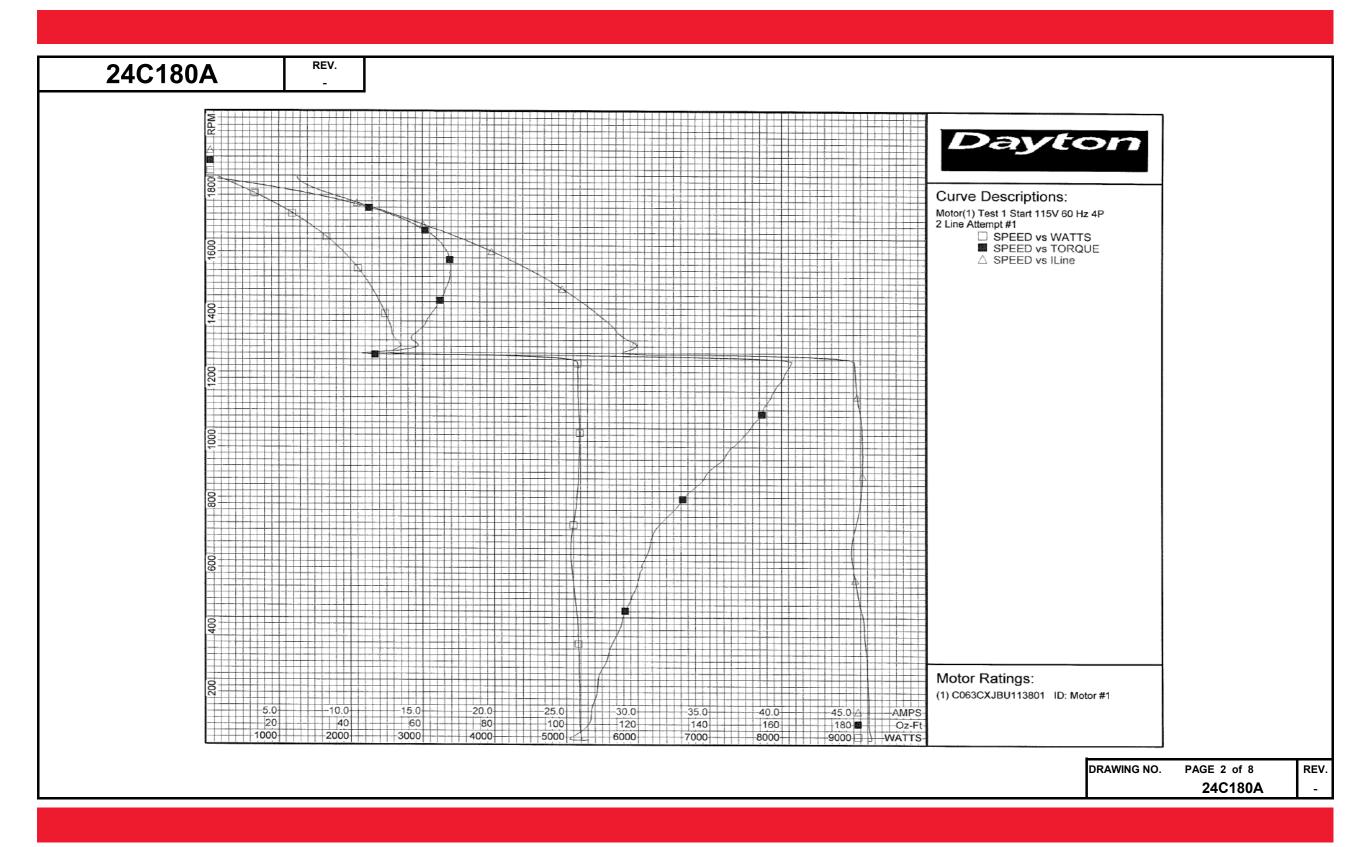
**Motor Description** 

#### **Dayton Manufacturing Company**

**Test Conditions** 

Motor ID:       Motor #1       Test Number:       1       Start C         Poles:       4       Poles:       4         Volts:       115/230       Volts:       115       Tested         Frequency:       60&50       Hz:       60         HP:       1/2       Rotation:       Gear F         Speed:       1725&1425       Special Cond:       2 Line       Bearin	Cap:	0		
Poles: 4 Volts: 115/230 Volts: 115/230 Frequency: 60&\$50 HP: 1/2 Speed: 1725&1425 Phase: 1 Protector: CEJ68CY  Special Points  Vine 115.0 46.05 5181 11 105.46 0.013 0.2 115.0 46.05 5181 11 105.46 0.013 0.2 115.0 46.12 5190 39 104.26 0.048 0.7 115.0 46.12 5190 39 104.26 0.048 0.7 115.0 46.00 5183 188 108.72 0.243 3.5 115.0 45.27 5100 483 119.06 0.685 10.0 115.0 45.27 5100 483 119.06 0.685 10.0 115.0 45.27 5100 483 119.06 0.685 10.0 115.0 45.35 5119 726 128.82 1.114 16.2 115.0 45.57 5185 1016 122.99 0.894 13.2 115.0 45.62 5167 832 137.91 1.366 19.7 115.0 45.62 5167 832 137.91 1.366 19.7 115.0 45.57 5185 1016 152.28 1.842 26.5 115.0 45.28 5167 1096 156.96 2.048 29.6 115.0 45.28 5167 1096 156.96 2.048 29.6 115.0 45.28 5167 1096 156.96 2.048 29.6 115.0 29.80 2687 1270 58.43 0.883 24.5 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 11.4 61 1388 1654 56.43 1.111 5.7 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 13.8 500 1762 19.48 0.409 61.0		0μfd		
Volts: 115/230	- ap	٠,٠٠٠		
Frequency: 60&50 HP: 1/2 Speed: 1725&1425 Phase: 1 Protector: CEJ68CY  TestBoard: Amtps Performance Fixture #3  Special Points  Vine 115.0 46.05 115.0 46.07 5181 11 105.46 0.013 0.2 115.0 46.12 5190 39 104.26 0.048 0.7 115.0 46.12 5190 39 104.26 0.048 0.7 115.0 46.12 5190 39 104.26 0.048 0.7 115.0 46.10 5183 1188 108.72 0.243 3.5 115.0 45.77 5160 344 114.11 0.467 6.8 115.0 45.77 5160 344 114.11 0.467 6.8 115.0 45.27 5109 483 119.06 0.685 110.0 115.0 45.35 5119 726 128.82 1114 16.2 115.0 45.62 5167 832 117.91 115.0 45.62 5167 1066 115.0 45.64 5181 929 145.33 1607 23.1 115.0 45.57 5185 1016 152.28 11842 26.5 115.0 45.14 5162 115.0 45.28 5167 1096 156.96 20.48 29.6 115.0 45.14 5162 115.0 45.28 5167 1096 156.96 20.48 29.6 115.0 45.28 5167 1096 156.96 20.48 29.6 115.0 29.80 2687 1270 58.43 0.883 24.5 115.0 22.87 115.0 24.58 2290 1446 66.59 1.147 37.4 115.0 22.87 2156 115.0 24.58 2290 1446 66.59 1.147 37.4 115.0 22.87 2156 115.0 24.58 2290 1446 66.59 1.147 37.4 115.0 22.87 2156 115.0 24.58 2290 1446 66.59 1.147 37.4 115.0 22.87 2156 115.0 24.58 2156 115.0 24.58 2156 115.0 24.58 2157 2156 2157 2156 2157 2156 2157 2156 2157 2157 2157 2158 2157 2157 2158 21	4.	3/2/2012 2:00	3/2/2012 2:09:18 PM	
HP: 1/2 Speed: 1725&1425 Phase: 1 Protector: CEJ68CY  Special Points  Vline 115.0 46.05 5181 11 105.46 0.013 0.2 PUT OZ-FT  115.0 46.05 5181 11 100.84 0.014 0.2 115.0 46.12 5190 13 104.26 0.048 0.7 115.0 46.12 5190 13 104.26 0.048 0.7 115.0 46.05 5183 188 108.72 0.243 3.5 115.0 46.12 5190 483 119.06 0.685 110.0 115.0 45.27 5106 141 11.0 467 6.8 115.0 45.27 5106 344 114.11 0.467 6.8 115.0 45.35 5119 726 128.82 1.114 16.2 115.0 45.64 5181 929 145.33 1.607 23.1 115.0 45.64 5181 929 145.33 1.607 23.1 115.0 45.64 5181 929 145.33 1.607 23.1 115.0 45.28 5167 1096 156.96 2.048 29.6 115.0 45.28 5167 1096 156.96 2.048 29.6 115.0 45.28 5167 1096 156.96 2.048 29.6 115.0 29.80 2687 1270 58.43 0.883 24.5 115.0 29.80 2687 1270 58.43 0.883 24.5 115.0 20.24.58 2290 1446 66.59 1.147 37.4 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 19.51 1864 1567 66.40 1.239 49.6 115.0 19.51 1864 1567 66.40 1.239 49.6 115.0 19.51 1864 1567 66.40 1.239 49.6 115.0 19.51 1864 1567 66.40 1.239 49.6 115.0 19.51 1864 1567 66.40 1.239 49.6 115.0 19.51 1864 1567 66.40 1.239 49.6 115.0 19.51 1864 1703 37.17 0.762 65.8 115.0 11.45 1044 1701 44.59 0.903 64.5 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 11.50 6.53 310 1762 19.48 0.409 61.0	4.	3/2/2012 2.0	7.10 F W	
Speed:   1725&1425   Special Cond:   2 Line   Bearin Phase:   1   Speed Conn:   Winda   Protector:   CEJ68CY   TestBoard:   Amtps Performance   Fixture #3				
Phase: I Protector: CEJ68CY    Special Points   Vline   Iline   Watts   Speed   Tq(Oz-ft)   HP   Eff(%)		1:1		
Protector: CEJ68CY  TestBoard: Amtps Performance Fixture #3  Special Points  Vline	ng Frictior	n: -0.59 Oz-Ft		
Protector: CEJ68CY  TestBoard: Amtps Performance Fixture #3  Special Points  Vline	age Torqu	ie: -1.73 Oz-Ft		
PUT OZ-FT  115.0				
PUT OZ-FT 115.0	PF (%)	)		
PUT OZ-FT 115.0 46.27 5206 11 100.84 0.014 0.2 115.0 46.12 5190 39 104.26 0.048 0.7 115.0 46.00 5183 188 108.72 0.243 3.5 115.0 45.77 5160 344 114.11 0.467 6.8 115.0 45.77 5160 344 114.11 0.467 6.8 115.0 45.27 5109 483 119.06 0.685 10.0 115.0 44.87 5061 611 122.99 0.894 13.2 115.0 45.35 5119 726 128.82 1.114 16.2 115.0 45.62 5167 832 137.91 1.366 19.7 115.0 45.64 5181 929 145.33 1.607 23.1 115.0 45.57 5185 1016 152.28 1.842 26.5 115.0 45.57 5185 1016 152.28 1.842 26.5 115.0 45.28 5167 1096 156.96 2.048 29.6 115.0 45.14 5162 1170 160.80 2.239 32.4 115.0 39.04 4073 1232 101.28 1.486 27.2 115.0 29.80 2687 1270 58.43 0.883 24.5 115.0 27.94 2540 1336 60.93 0.969 28.5 115.0 24.58 2290 1446 66.59 1.147 37.4 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 17.88 1713 1599 64.13 1.221 53.1 115.0 16.22 1551 1628 60.75 1.177 56.6 115.0 14.61 1388 1654 56.43 1.111 59.7 115.0 12.99 1217 1678 56.43 1.111 59.7 115.0 12.99 1217 1678 56.43 1.111 59.7 115.0 12.99 1217 1678 56.11 1.021 62.6 115.0 11.45 10.44 1701 44.59 0.903 64.5 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 9.94 864 1723 37.17 0.762 15.8 115.0 9.94 864 1723 37.17 0.762 15.8 115.0 9.94 864 172	97.8			
115.0	97.8			
115.0	97.9			
115.0	98.0			
115.0	98.0	0		
115.0	98.1	1		
115.0	98.1	1		
115.0	98.1			
115.0	98.5			
115.0	98.7			
115.0	98.9			
115.0 39.04 4073 1232 101.28 1.486 27.2 115.0 29.80 2687 1270 58.43 0.883 24.5 115.0 27.94 2540 1336 60.93 0.969 28.5 115.0 26.25 2419 1395 64.30 1.068 32.9 115.0 24.58 2290 1446 66.59 1.147 37.4 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 19.51 1864 1567 66.40 1.239 49.6 115.0 17.88 1713 1599 64.13 1.221 53.1 115.0 16.22 1551 1628 60.75 1.177 56.6 115.0 14.61 1388 1654 56.43 1.111 59.7 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 11.45 1044 1701 44.59 0.903 64.5 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 9.94 864 1723 37.17 0.762 65.2 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	99.2			
115.0	99.4			
115.0 27.94 2540 1336 60.93 0.969 28.5 115.0 26.25 2419 1395 64.30 1.068 32.9 115.0 24.58 2290 1446 66.59 1.147 37.4 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 19.51 1864 1567 66.40 1.239 49.6 115.0 17.88 1713 1599 64.13 1.221 53.1 115.0 16.22 1551 1628 60.75 1.177 56.6 115.0 14.61 1388 1654 56.43 1.111 59.7 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 11.45 1044 1701 44.59 0.903 64.5 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 8.55 683 1743 28.77 0.597 65.2 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	90.7			
115.0	78.4 79.0			
115.0 24.58 2290 1446 66.59 1.147 37.4 115.0 22.87 2156 1492 67.47 1.198 41.5 115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 19.51 1864 1567 66.40 1.239 49.6 115.0 17.88 1713 1599 64.13 1.221 53.1 115.0 16.22 1551 1628 60.75 1.177 56.6 115.0 14.61 1388 1654 56.43 1.111 59.7 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 11.45 1044 1701 44.59 0.903 64.5 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 8.55 683 1743 28.77 0.597 65.2 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	80.1			
115.0	81.0			
115.0 21.17 2012 1531 67.75 1.235 45.8 115.0 19.51 1864 1567 66.40 1.239 49.6 115.0 17.88 1713 1599 64.13 1.221 53.1 115.0 16.22 1551 1628 60.75 1.177 56.6 115.0 14.61 1388 1654 56.43 1.111 59.7 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 11.45 1044 1701 44.59 0.903 64.5 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 8.55 683 1743 28.77 0.597 65.2 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	82.0			
115.0	82.6			
115.0 17.88 1713 1599 64.13 1.221 53.1 115.0 16.22 1551 1628 60.75 1.177 56.6 115.0 14.61 1388 1654 56.43 1.111 59.7 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 11.45 1044 1701 44.59 0.903 64.5 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 8.55 683 1743 28.77 0.597 65.2 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	83.1			
115.0 16.22 1551 1628 60.75 1.177 56.6 115.0 14.61 1388 1654 56.43 1.111 59.7 115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 11.45 1044 1701 44.59 0.903 64.5 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 8.55 683 1743 28.77 0.597 65.2 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	83.3			
115.0 12.99 1217 1678 51.11 1.021 62.6 115.0 11.45 1044 1701 44.59 0.903 64.5 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 8.55 683 1743 28.77 0.597 65.2 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	83.2			
115.0 11.45 1044 1701 44.59 0.903 64.5 115.0 9.94 864 1723 37.17 0.762 65.8 115.0 8.55 683 1743 28.77 0.597 65.2 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	82.6	6		
115.0 9.94 864 1723 37.17 0.762 65.8 115.0 8.55 683 1743 28.77 0.597 65.2 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	81.4	4		
115.0 8.55 683 1743 28.77 0.597 65.2 115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	79.3			
115.0 7.38 500 1762 19.48 0.409 61.0 115.0 6.53 310 1781 8.89 0.189 45.4	75.6			
115.0 6.53 310 1781 8.89 0.189 45.4	69.4			
	58.9			
115.0 6.29 147 1798 0.00 0.000 0.0	41.2			
	20.3	3		
		DRAWING NO.	PAGE 1	







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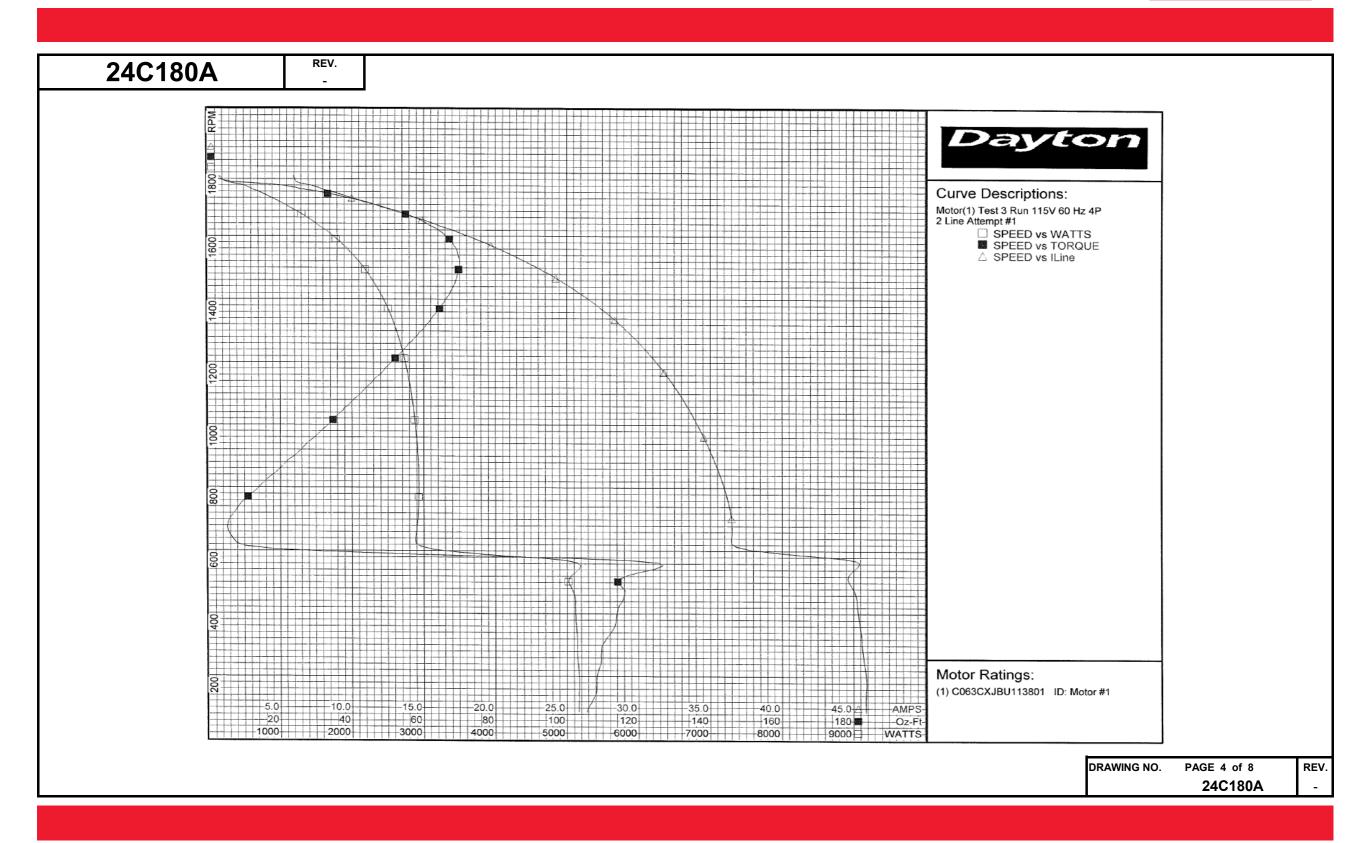
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#### **Dayton Manufacturing Company**

Motor Des				Test Conditions								
Model:	C063CXJBU1	13801		Test Type:	Run		Run Ca	p:	0			
Motor ID:	Motor #1			Test Number:	3		Start Ca	in:	0μfd			
Poles:	4			Poles:	4		otari ca	φ.	орга			
Volts:	115/230			Volts:	115		Tested:		2/2/2012 1.45	. 46 DX		
							rested.		3/2/2012 1:45	:46 PN		
Frequency:	60&50			Hz:	60							
HP:	1/2			Rotation:			Gear Ra		1:1			
Speed:	1725&1425			Special Cond	: 2 Line		Bearing	Friction:	-0.63 Oz-Ft			
Phase:	1			Speed Conn:					-1.83 Oz-Ft			
Protector:	CEJ68CY			TestBoard:	Amtps P	erformance						
Special Points	Vline	Iline	Watts	Speed To	(Oz-ft)	нр	Eff(%)	PF (%)				
_	115.0	5.95	149	1790	0.00	0.000	0.0	21.8				
	115.0	6.18	282	1769	8.01	0.169	44.6	39.7				
16.4 OZ-FT	115.0	6.70	425	1764	16.40	0.344	60.4	55.1				
0.5 HP	115.0	7.65	572	1753	23.97	0.500	65.2	65.1				
24.3 OZ-FT	115.0	7.69	578	1752	24.30	0.507	65.4	65.4				
	115.0	7.71	580	1752	24.42	0.509	65.4	65.5				
0.625 HP	115.0	8.50	695	1740	30.17	0.625	67.1	71.1				
1505 551	115.0	9.16	781	1732	34.47	0.711	67.8	74.2				
1725 RPM	115.0	9.60	838	1725	36.76	0.755	67.2	75.9				
	115.0	10.68	971	1711	42.59	0.867	66.6	79.0				
	115.0 115.0	12.36 14.05	1157 1337	1688 1665	49.86 55.84	1.002	64.6	81.4				
	115.0	15.69	1506	1640	60.87	1.107 1.188	61.7 58.9	82.8 83.5				
	115.0	17.33	1666	1613	64.84	1.245	55.7	83.6				
	115.0	19.03	1827	1583	67.74	1.276	52.1	83.5				
	115.0	20.64	1971	1551	69.38	1.281	48.5	83.0				
BDT OZ-FT	115.0	22.07	2095	1520	70.03	1.267	45.1	82.5				
	115.0	22.23	2108	1516	70.00	1.264	44.7	82.5				
	115.0	23.81	2234	1479	69.43	1.223	40.8	81.6				
	115.0	25.30	2349	1438	68.18	1.167	37.1	80.7				
	115.0 115.0	26.72 28.08	2451 2549	1394	65.87	1.093	33.3	79.8				
	115.0	29.36	2630	1346 1294	62.55 58.73	1.002 0.905	29.3 25.7	78.9 77.9				
	115.0	30.57	2704	1237	54.14	0.797	22.0	76.9				
	115.0	31.69	2766	1175	48.95	0.685	18.5	75.9				
	115.0	32.73	2818	1110	43.17	0.571	15.1	74.9				
	115.0	33.67	2863	1038	36.73	0.454	11.8	73.9				
	115.0	34.55	2894	961	29.73	0.340	8.8	72.8				
	115.0	35.34	2921	879	21.57	0.226	5.8	71.9				
	115.0	36.04	2930	789	13.00	0.122	3.1	70.7				
	115.0 115.0	36.48 39.27	2910 3440	694 596	5.50	0.045	1.2	69.4				
	115.0	44.60	5031	512	34.49 114.88	0.245 0.701	5.3 10.4	76.2 98.1				
	115.0	45.32	5120	399	113.82	0.541	7.9	98.1				
	115.0	45.67	5145	268	109.51	0.350	5.1	98.0				
	115.0	45.86	5166	131	107.42	0.167	2.4	97.9				
									DRAWING NO.	PAGE 3		







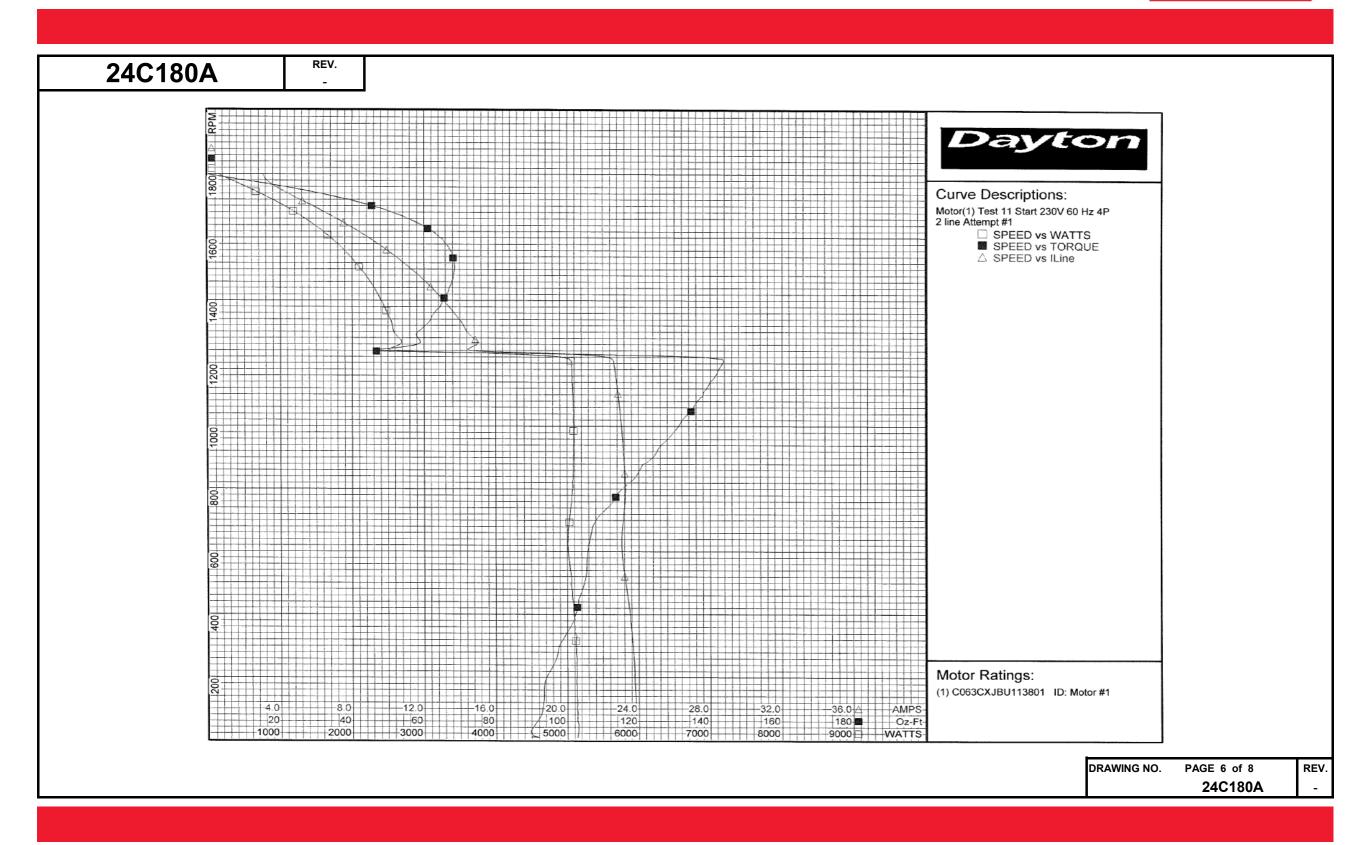
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#### **Dayton Manufacturing Company**

Motor Des			Test Conditions								
Model:	Model: C063CXJBU113			Test Type: Start		Run Ca	ap:	0			
Motor ID:	Motor #1			Test Numb			Start C	an:	0μfd		
Poles:	4			Poles:	4			-P	5,424		
Volts:	115/230			Volts:	230		Tootad:		3/2/2012 12:36:06 P		
							Tested:		3/2/2012 12:36:06 P		
Frequency:	60&50			Hz:	60			_			
HP:	1/2			Rotation:			Gear Ratio:		1:1		
Speed:	1725&1425			Special Co	nd: 2 line		Bearing	g Friction	: -0.56 Oz-Ft		
Phase:	1			Speed Conn:			Windage Torque: -1.70 Oz-Ft				
Protector:	CEJ68CY			TestBoard		erformance	Fixture #3				
pecial Points	Vline	Iline	Watts	Speed	Tq(Oz-ft)	нр	Eff(%)	PF(%)			
UT OZ-FT	230.0	23.82	5137	8	89.71	0.009	0.1	93.8			
	230.0	23.82	5137	8	89.71	0.009	0.1	93.8			
	230.0	23.86	5152	38	90.24	0.040	0.6	93.9			
	230.0	23.75	5123	189	93.70	0.211	3.1	93.8			
	230.0	23.59	5102	344	99.91	0.409	6.0	94.0			
	230.0	23.31	5058	483	104.31	0.600	8.9	94.3			
	230.0	23.04	5009	609	105.82	0.768	11.4	94.5			
	230.0	23.18	5040	725	109.82	0.948	14.0	94.6			
	230.0	23.23	5081	832	118.61	1.174	17.2	95.1			
	230.0	23.13	5085	929	125.40	1.387	20.3	95.6			
	230.0 230.0	23.01 22.86	5088 5084	1017 1096	131.92	1.597	23.4	96.2			
	230.0	22.69	5071	1169	137.95 141.92	1.801	26.4 29.1	96.7 97.1			
	230.0	18.92	3797	1232	83.97	1.231	24.2	87.3			
	230.0	14.87	2667	1276	58.58	0.890	24.9	78.0			
	230.0	13.97	2535	1339	61.87	0.986	29.0	78.9			
	230.0	13.13	2411	1397	65.14	1.084	33.5	79.8			
	230.0	12.30	2285	1448	67.39	1.161	37.9	80.8			
	230.0	11.43	2143	1493	68.46	1.217	42.4	81.5			
	230.0	10.60	1999	1532	68.19	1.244	46.4	82.0			
	230.0	9.77	1857	1567	67.01	1.250	50.2	82.6			
	230.0	8.93	1703	1599	64.40	1.226	53.7	82.9			
	230.0	8.11	1542	1629	61.06	1.184	57.3	82.6			
	230.0	7.30	1379	1654	56.60	1.115	60.3	82.2			
	230.0	6.49	1208	1679	51.27	1.025	63.3	80.9			
	230.0 230.0	5.72 4.98	1035 865	1703	44.74	0.907	65.4	78.6			
	230.0	4.30	686	1722 1742	37.68 29.41	0.772	66.6 66.4	75.5 69.4			
	230.0	3.64	487	1764	19.21	0.403	61.8	58.2			
	230.0	3.20	289	1783	8.13	0.173	44.5	39.3			
	230.0	3.07	153	1798	0.00	0.000	0.0	21.6			

DRAWING NO. PAGE 5 of 8 REV. **24C180A** -







REV.

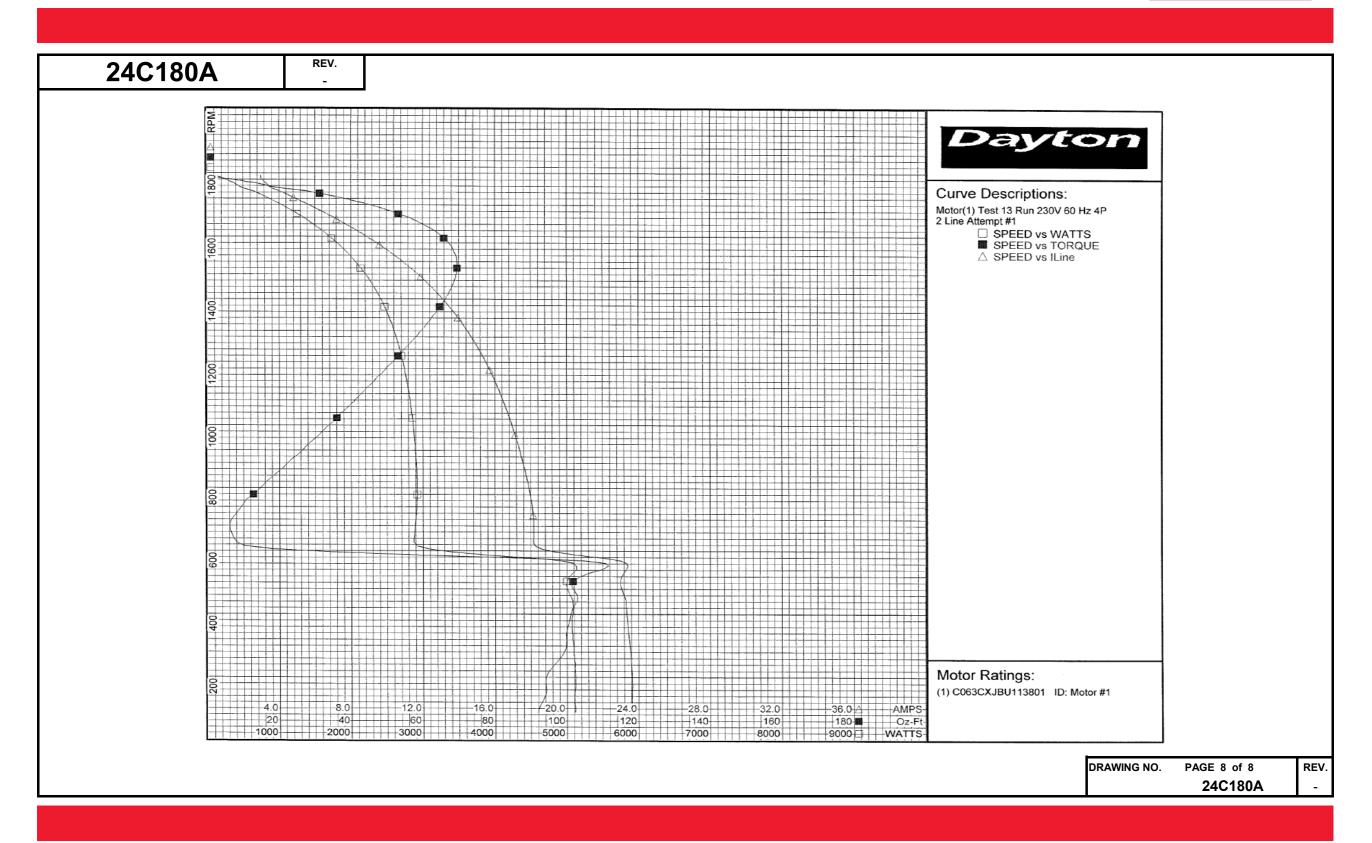
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24C180A	REV.	
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#### **Dayton Manufacturing Company**

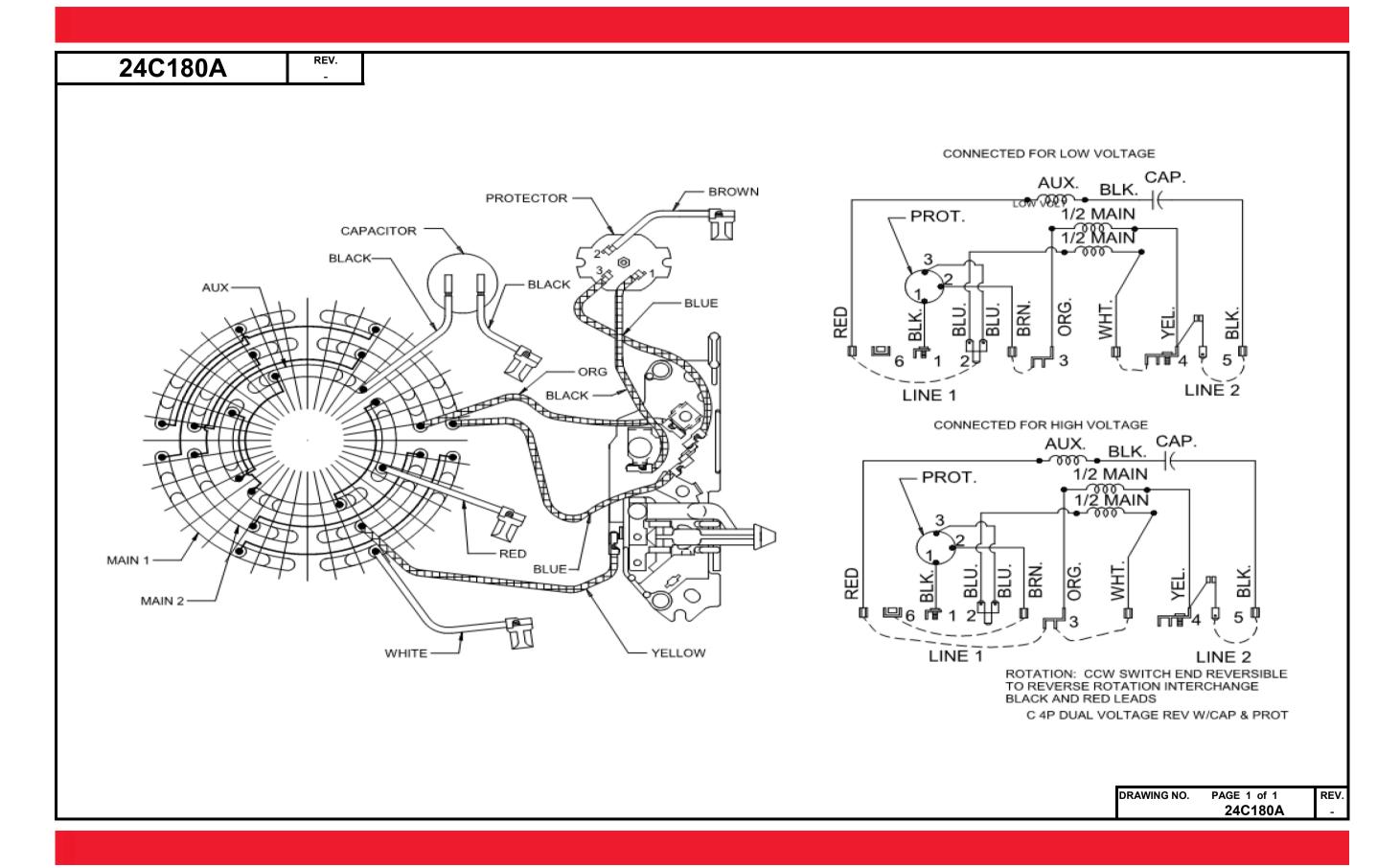
Motor Des				Test Conditions								
Model:	C063CXJBU113801			Test Type:	Run		Run Ca	p:	0			
Motor ID:	Motor #1			Test Number:	13		Start Ca	•	0µfd			
Poles:	4					Poles:	4		ount o	ap.	σμια	
Volts:	115/230			Volts:	230		Tootade		2/2/2012 10.4	C.11 A 3		
	60&50						Tested:		3/2/2012 10:4	0:44 AN		
Frequency:				Hz:	60			_				
HP:	1/2			Rotation:			Gear R		1:1			
Speed:	1725&1425			Special Cond:	2 Line		Bearing	g Friction:	-0.55 Oz-Ft			
Phase:	1			Speed Conn:			Windag	ze Torque	:-1.64 Oz-Ft			
Protector:	CEJ68CY			TestBoard:	Amtps P	Performance		. 1				
Special Points	Vline	Iline	Watts	Speed To	(Oz-ft)	нь	Eff(%)	PF(%)				
	230.0	2.97	129	1792	0.00	0.000	0.0	18.9				
	230.0	3.18	333	1771	10.95	0.231	51.8	45.5				
16.4 OZ-FT	230.0	3.41	427	1761	16.40	0.344	60.1	54.4				
	230.0	3.59	498	1753	20.42	0.426	63.8	60.3				
0.5 HP	230.0	3.79	566	1748	24.03	0.500	65.9	64.9				
24.3 OZ-FT	230.0	3.80	571	1748	24.30	0.506	66.0	65.2				
0.625 HP	230.0	4.24	690	1738	30.21	0.625	67.6	70.8				
	230.0	4.40	730	1734	32.03	0.661	67.6	72.2				
L725 RPM	230.0	4.70	811	1725	35.67	0.732	67.4	75.0				
	230.0	5.14	915	1713	40.39	0.824	67.1	77.5				
	230.0	5.97	1110	1691	48.24	0.971	65.3	80.8				
	230.0	6.79	1287	1667	54.48	1.081	62.6	82.4				
	230.0 230.0	7.60 8.42	1453 1615	1642 1616	59.47 63.64	1.163	59.7	83.1				
	230.0	9.27	1774	1586	66.43	1.224 1.254	56.5 52.7	83.4 83.2				
	230.0	10.06	1919	1556	68.54	1.269	49.3	82.9				
	230.0	10.87	2059	1520	69.50	1.258	45.6	82.4				
BDT OZ-FT	230.0	11.26	2125	1502	69.63	1.245	43.7	82.0				
	230.0	11.66	2192	1484	69.39	1.226	41.7	81.8				
	230.0	12.42	2312	1442	68.23	1.172	37.8	80.9				
	230.0	13.13	2420	1399	66.22	1.102	34.0	80.2				
	230.0	13.82	2514	1351	63.22	1.017	30.2	79.1				
	230.0	14.47	2599	1299	59.42	0.919	26.4	78.1				
	230.0 230.0	15.09	2676	1243	54.98	0.813	22.7	77.1				
	230.0	15.66 16.19	2741 2793	1182 1117	49.86 44.11	0.702 0.586	19.1 15.7	76.1				
	230.0	16.67	2839	1046	37.94	0.472	12.4	75.0 74.0				
	230.0	17.12	2876	969	31.03	0.358	9.3	73.0				
	230.0	17.53	2903	888	22.99	0.243	6.2	72.0				
	230.0	17.89	2914	799	14.59	0.139	3.6	70.8				
	230.0	18.13	2900	704	6.79	0.057	1.5	69.5				
	230.0	18.65	3091	605	18.26	0.132	3.2	72.1				
	230.0	23.04	5028	517	103.38	0.637	9.4	94.9				
	230.0	23.32	5084	413	101.44	0.498	7.3	94.8				
	230.0	23.54	5093	282	99.28	0.334	4.9	94.1				
	230.0	23.62	5103	144	93.97	0.161	2.4	93.9				
									DRAWING NO.	PAGE 7 o		





# **Wiring Diagram**







AMB: 40 C

SFA: 8 5/4 3-4 2

THERMALLY PROTECTED: AUTO MFG. NO. PROT. CODE: 00470 AVG. F.L. MTR RFF: C63CXHYR-1185 TO SAVE ENERGY REPLACE WITH: 30PT66

WHT RRN-RFD

NEUTRAL

TO REVERSE ROTATION

F37403

KVA CODE: M

FNCI: ODP



BRN-# PLASTIC POCKET

INTERCHANGE RED AND BLACK LEADS Mfd for Davton Electric Mfg. Co., Lake Forest, IL 60045 USA Made in Mexico