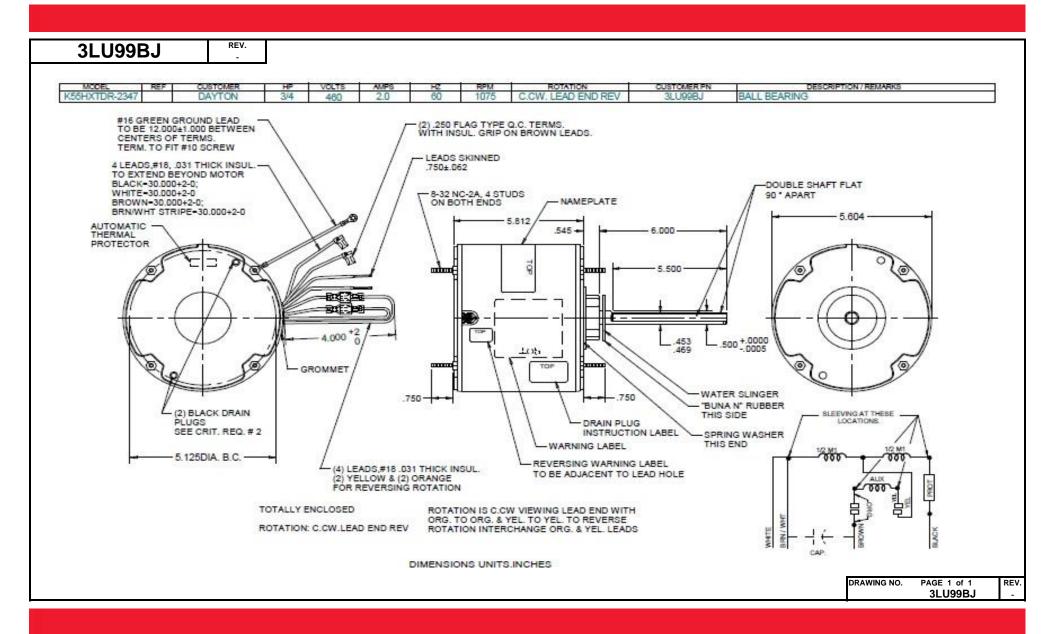
Dimensional Drawing







3LU99B	J REV.							
			-			10=		
	SHADED-POLE	& PSC MC	TOR	PERFC	RMA	NCE		
HP:	3/4							
Poles:	6							
Ambient (°C):	40							
Altitude (FASL):	1000							
No. of Speeds:	1							
погог оросао.		HIGH SP	EED					
Volts:	460	115	208	230	277	460	100	200
HZ:	60	60	60	60	60	60	50	50
Service Factor:	1.0							
Efficiency:	@ Rated Load					64.3		
Power Factor:	@ Rated Load					88.8		
Amps:	@ No Load							
•	@ Rated Load					2.5		
	@ Locked Rotor					5		
RPM:	@ Rated Load					1075		
Torques:	Breakdown					78.9		
Oz.Ft.	Locked Rotor					14.6		
	Pull-Up							
	Rated Load					68.7		
	Service Factor					1.0		
Watts:	Rated Load					1021		
Temperature Rise:	@ Rated Load							
Thermal Protector:	Trip Temp (°C)					140~150		
Winding Material:	Start (Auxiliary)					Copper		
	Run (Main)					Copper		
Capacitor:	Run (MFD / Volts)	10.0 MFD	370V					
	No. of Run Capacitors	1						
	ME	EDIUM-HIG	H SPEE	ED				
HP:	3/4							
Volts:	460	115	208	230	277	460	100	200
HZ:	60	60	60	60	60	60	50	50
Efficiency:	@ Rated Load							
Power Factor:	@ Rated Load							
Amps:	@ No Load							
	@ Rated Load							
	@ Locked Rotor							
Torques:	Breakdown							
Oz.Ft.	Locked Rotor							
	Pull-Up							
	Rated Load							
Watts:	Rated Load							
Temperature Rise:	@ Rated Load							

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

3LU99BJ



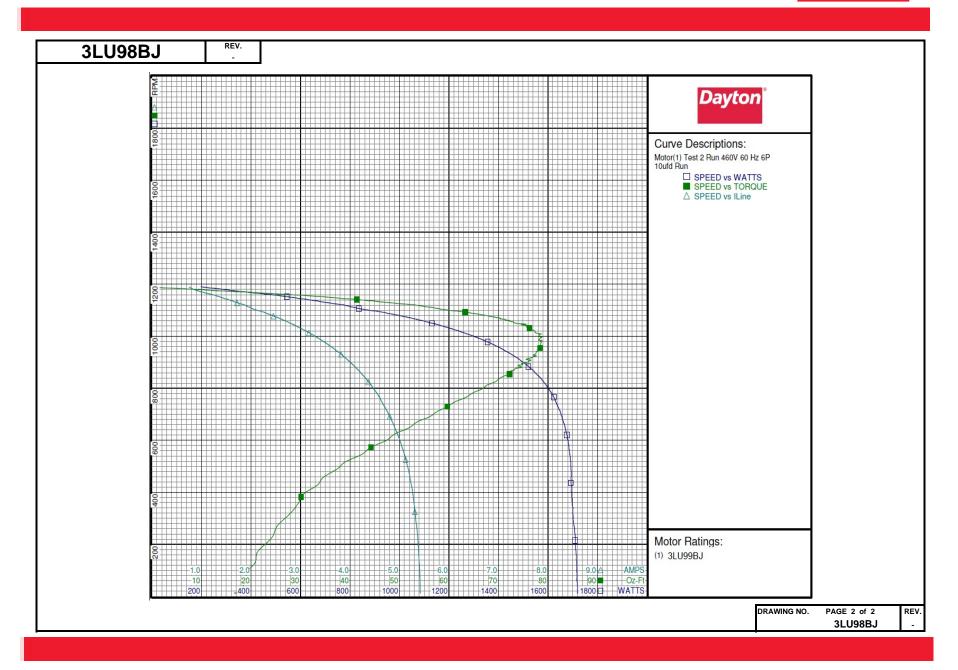
		14=5:							
UD.	0/4	MEDI	UM-LO\	W SPEE	<u>:D</u>				
HP: Volts:	3/4 460		445	200	220	277	400	400	200
HZ:	60		115 60	208 60	230 60	277 60	460 60	100 50	50
Efficiency:	@ Rated Load		- 00	00	- 00	00	- 00	30	30
Power Factor:	@ Rated Load								
Amps:	@ No Load								
ranpo.	@ Rated Load								
Torques:	Breakdown								
Oz.Ft.	Locked Rotor								
OZ.I t.	Pull-Up								
	Rated Load								
Watts:	Rated Load								
Temperature Rise:	@ Rated Load								
Watts:	Rated Load								
	@ Rated Load								
Temperature Rise:	W Kaleu Luau								
Thermal Protector:	Trip Temp (°C)								
Temperature Rise: Thermal Protector: Winding Material:	Trip Temp (°C) Start (Auxiliary)								
Thermal Protector:	Trip Temp (°C)								
Thermal Protector:	Trip Temp (°C) Start (Auxiliary)		OW SP	PEED					
Thermal Protector: Winding Material:	Trip Temp (°C) Start (Auxiliary)		OW SP	PEED					
Thermal Protector: Winding Material: HP: Volts:	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460		OW SP	PEED 208	230	277	460	100	200
Thermal Protector: Winding Material: HP: Volts: HZ:	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460 60				230 60	277 60	460	100 50	200 50
Thermal Protector: Winding Material: HP: Volts: HZ: Efficiency:	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460 60 @ Rated Load		120	208					
Thermal Protector: Winding Material: HP: Volts: HZ: Efficiency:	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460 60 @ Rated Load @ Rated Load		120	208					
Thermal Protector: Winding Material: HP: Volts: HZ: Efficiency: Power Factor:	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460 60 @ Rated Load @ Rated Load @ No Load		120	208					
Thermal Protector: Winding Material: HP: Volts: HZ: Efficiency: Power Factor: Amps:	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460 60 @ Rated Load @ Rated Load @ No Load @ Rated Load @ Rated Load		120	208					
Thermal Protector: Winding Material: HP: Volts: HZ: Efficiency: Power Factor: Amps: Torques:	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460 60 @ Rated Load @ Rated Load @ No Load @ Rated Load Breakdown		120	208					
Thermal Protector: Winding Material: HP: Volts: HZ: Efficiency: Power Factor: Amps:	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460 60 @ Rated Load @ Rated Load @ No Load @ Rated Load Breakdown Locked Rotor		120	208					
Thermal Protector: Winding Material: HP: Volts: HZ: Efficiency: Power Factor: Amps: Torques:	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460 60 @ Rated Load @ Rated Load @ No Load @ Rated Load Breakdown Locked Rotor Pull-Up		120	208					
Thermal Protector: Winding Material: HP: Volts: HZ: Efficiency: Power Factor: Amps: Torques: Oz.Ft.	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460 60 @ Rated Load @ Rated Load @ No Load @ Rated Load Breakdown Locked Rotor Pull-Up Rated Load		120	208					
Thermal Protector: Winding Material: HP: Volts: HZ: Efficiency: Power Factor: Amps: Torques:	Trip Temp (°C) Start (Auxiliary) Run (Main) 3/4 460 60 @ Rated Load @ Rated Load @ No Load @ Rated Load Breakdown Locked Rotor Pull-Up		120	208					

DRAWING NO.	PAGE 1	REV.
31	U99B.J	_ 1



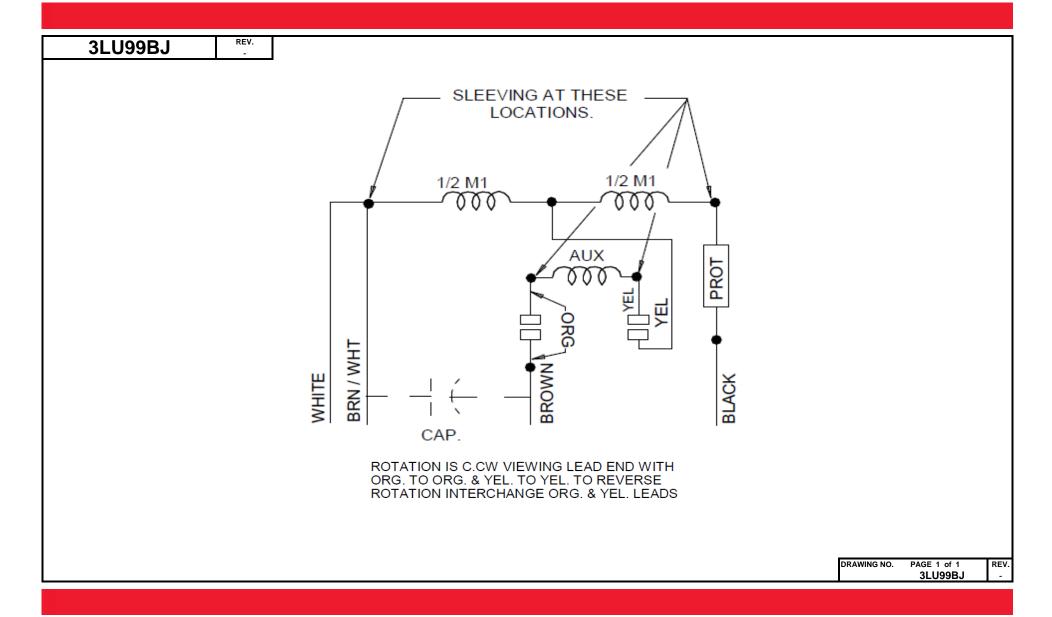
Motor Description		•	_		Day	ton M	anufactu	ring Com	nany					
Mode: Special Cont. Test Number: 2 Start Cap. Outdoordings Outdoordin					Da	ton wi			ipany					
Motor ID:		scription			150.000 100.000	11.50	Test Con							
Poles: 6 Volts: 460 Volts: 460 Tested: 1/14/2008 3:18:55 PM Frequency: 60 Hz: 60 Tested By: Sharp, Gerald Frequency: 60 Hz: 60 Tested By: Sharp, Gerald Tested: 1/14/2008 3:18:55 PM Tested: 1/14/2008 3:18:59 PM Tested: 1/14/2008 3:18:55 PM	Model:	3LU99BJ												
Volts: 460 Volts: 460 Tested: 1/14/2008 3:18:55 PM Frequency: 60 Hz: 60 Tested By: Sharp, Gerald Sha	Motor ID:	1			Test Numbe	r: 2		Start Ca	ıp:	0μfd				
Frequency: 60	Poles:				Poles:	6		Environ	ment:					
HP. Special 1075 Special Corn. Speci	Volts:	460			Volts:	460		Tested:		1/14/2008 3:1	8:55 PM			
Special Points 1075 Special Cond: Spec	Frequency:				Hz:	60				Sharp, Gerald				
Phase: 1 Protector: TestBoard: Amtps Performance Fixture #3 Special Points Vine(V) Vaux (V) Vcap (V) Vcap (V) Illine (A) Imain (A) I	HP:	3/4			Rotation:			Gear Ra	itio:	1:1				
Protector: TestBoard: Amips Performance Fixture #3	Speed:	1075			Special Con	d:		Bearing	Friction:	-0.36 Oz-Ft				
Special Points Vine(V) Vaux (V) Veap (V) Time (A) Tamin (A) Tami	Phase:	1			Speed Conn			Windag	e Torque	:-1.92 Oz-Ft				
## A60.0 376.3 431.2 0.754 1.648 1.671 197.9 1190 0.00 0.000 0.0 57.1 10.3 460.0 379.5 413.9 0.891 1.629 1.529 318.9 1176 11.84 0.166 38.8 77.8 10.2 460.0 383.4 396.7 1.112 1.542 1.520 428.8 1165 23.21 0.322 56.0 83.8 10.2 460.0 382.0 382.0 382.3 1.550 1.5859 1.463 544.2 1152 34.20 0.322 56.0 83.8 10.2 460.0 377.6 369.4 1.576 1.587 1.411 646.3 1138 43.09 0.584 67.4 89.1 10.1 460.0 377.6 369.4 1.576 1.587 1.411 646.3 1138 43.09 0.584 67.4 89.1 10.1 460.0 372.0 356.0 1.819 1.717 1.359 751.6 11123 51.38 0.687 68.2 89.8 10.1 460.0 366.8 343.8 2.022 1.867 1.315 836.4 1106 57.76 0.750 68.2 89.9 10.1 460.0 366.8 343.8 2.022 1.867 1.315 836.4 1106 57.76 0.761 67.8 89.9 10.1 460.0 354.3 320.5 2.300 2.112 1.266 948.4 1089 64.44 0.835 65.7 89.6 10.2 460.0 354.3 320.5 2.491 2.299 1.232 1021.0 1075 68.71 0.879 64.3 89.1 10.2 460.0 352.4 317.3 2.554 2.364 1.221 1044.3 1071 70.05 0.893 66.3 88.9 10.2 460.0 337.1 294.3 3.034 2.897 1.139 1215.7 1027 76.35 0.934 57.3 87.1 10.2 460.0 339.1 284.5 3.259 3.163 1.105 1288.1 1004 78.23 0.935 54.1 85.9 10.3 460.0 322.6 277.2 3.440 3.057.9 1.139 1215.7 1027 76.35 0.934 57.3 87.1 10.3 460.0 322.6 277.2 3.440 3.059 3.163 1.105 1288.1 1004 78.23 0.935 54.1 85.9 10.3 460.0 322.6 277.2 3.490 3.699 1.008 1344.8 982 78.86 0.991 6.06 88.1 10.2 460.0 322.6 277.2 3.490 3.699 1.008 1344.8 982 78.86 0.991 6.06 79.8 50.0 10.3 460.0 322.6 277.2 3.490 3.699 1.008 1344.8 982 78.86 0.991 6.06 0.992 551.2 850.0 10.3 460.0 322.6 255.8 4.093 4.197 1.004 1357.2 978 78.66 0.916 50.3 84.7 10.3 460.0 287.3 252.0 4.271 4.277 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 255.7 247.1 4.899 5.500 1.004 1473.7 917 76.79 0.839 42.5 82.2 10.4 460.0 255.7 247.1 4.899 5.500 1.004 1473.7 917 76.79 0.839 42.5 82.2 10.4 460.0 255.7 247.1 4.899 5.500 1.004 1473.7 917 76.79 0.839 42.5 82.2 10.4 460.0 255.7 247.1 4.899 5.500 1.004 1473.7 917 76.79 0.839 42.5 82.2 10.4 460.0 255.7 247.1 4.899 5.500 1.004 1473.7 917 76.79 0.839 42.5 82.2 10.4 460.0 255.7 247.1 4.899 5.500 1.004 162.7 766 6.35.7 70.500 1.004 1473.7 917 70.5	Protector:				TestBoard:	Amtps	Performance	Fixture #3	(17)					
A60.0 399.5 413.9 0.891 1.629 1.594 318.9 1176 11.84 0.166 38.8 77.8 10.2	Special Points													
460.0 383.4 396.7 1.112 1.542 1.520 428.8 1165 23.21 0.322 56.0 83.8 10.2 460.0 382.0 362.3 1.353 1.529 1.463 544.2 1152 34.20 0.469 64.3 87.4 10.1 460.0 377.6 369.4 1.576 1.587 1.411 646.3 1138 43.09 0.584 67.4 89.1 10.1 640.0 372.0 356.0 1.819 1.717 1.359 751.6 1123 51.38 0.687 68.2 89.8 10.1 460.0 368.0 368.0 346.2 1.983 1.837 1.324 820.0 1110 56.75 0.750 68.2 89.9 10.1 460.0 366.8 343.8 2.022 1.867 1.315 836.4 1106 57.76 0.761 67.8 89.9 10.1 660.0 366.8 343.8 2.022 1.867 1.315 836.4 1106 57.76 0.761 67.8 89.9 10.1 660.0 359.5 330.0 2.300 2.112 1.266 948.4 1089 64.44 0.835 65.7 89.6 10.2 660.0 359.5 330.0 2.300 2.112 1.266 948.4 1089 64.44 0.835 65.7 89.6 10.2 660.0 359.4 317.3 2.554 2.364 1.22 1021.0 1075 68.71 0.879 64.3 89.1 10.2 660.0 359.4 317.3 2.554 2.364 1.22 1021.0 1075 68.71 0.879 64.3 89.1 10.2 660.0 359.4 317.3 2.554 2.364 1.131 1131.3 1050 73.54 0.919 60.6 88.1 10.2 660.0 359.4 37.3 3.034 2.897 1.139 1215.7 1027 76.35 0.933 63.8 88.9 10.2 660.0 329.1 284.5 3.259 3.163 1.105 1288.1 1004 78.23 0.935 54.1 85.9 10.3 660.0 329.1 284.5 3.259 3.63 3.432 1.074 1357.2 978 78.66 0.922 51.2 85.0 10.3 660.0 320.2 261.2 3.440 3.379 1.080 1344.8 982 78.86 0.922 51.2 85.0 10.3 660.0 320.2 261.2 3.899 3.699 1.004 1419.9 948 77.86 0.994 46.2 83.4 10.4 660.0 322.4 261.2 3.899 3.950 1.024 1473.7 917 76.79 0.839 42.5 82.2 10.4 660.0 255.6 255.8 4.093 4.197 1.004 1521.2 884 74.40 0.783 38.4 80.8 10.4 660.0 270.9 247.7 4.551 4.847 0.991 1561.0 848 71.28 0.790 3.4 79.5 10.4 660.0 227.9 247.7 4.551 4.847 0.991 1561.0 848 71.28 0.790 3.4 79.5 10.4 660.0 228.6 255.9 24.271 4.427 0.991 1561.0 848 71.28 0.790 3.4 79.5 10.4 660.0 228.6 255.9 5.55 5.587 5.587 5.584 0.992 1693.2 437 33.84 0.176 7.8 70.4 10.3 660.0 228.6 255.9 5.55 5.587 5.587 5.584 0.992 1693.2 437 33.84 0.176 7.8 70.4 10.3 660.0 228.6 255.9 5.55 5.587 5.587 5.588 5.588 0.992 1693.2 437 33.84 0.176 7.8 70.4 10.3 660.0 228.6 255.9 5.555 5.587 5.588 5.588 0.992 1693.2 437 33.8 0.0130 5.7 6.998 10.3 10.4 660.0 226.2 255.9 5.555 5.587 5.588 0.992 1693.2 437 33.94														
460.0 382.0 382.0 1.533 1.529 1.463 544.2 1152 34.20 0.469 64.3 89.1 10.1 460.0 372.0 356.0 1.819 1.717 1.359 751.6 1123 51.38 0.687 68.2 89.8 10.1 0.75 HP 460.0 366.8 343.8 2.022 1.867 1.315 836.4 1106 57.76 0.761 67.8 89.9 10.1 460.0 359.5 330.0 2.300 2.112 1.266 948.4 1089 64.44 0.835 65.7 89.6 10.2 1075 RPM 460.0 354.3 320.5 2.491 2.299 1.221 1.222 1021.0 1075 68.71 0.879 64.3 89.1 10.2 1075 RPM 460.0 354.3 320.5 2.491 2.299 1.112 1.266 948.4 1089 64.44 0.835 65.7 89.6 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2														
0.75 HP 460.0 372.0 356.0 1.819 1.717 1.359 751.6 1123 51.38 0.687 68.2 89.8 10.1 460.0 366.8 343.8 2.022 1.867 1.315 836.4 1106 57.76 0.750 68.2 89.9 10.1 460.0 356.8 343.8 2.022 1.867 1.315 836.4 1106 57.76 0.751 67.8 89.9 10.1 1075 RPM 460.0 354.3 320.5 2.491 2.299 1.229 10.1 1.226 948.4 1089 64.44 0.835 65.7 89.6 10.2 1075 RPM 460.0 354.3 320.5 2.491 2.299 10.1 10.25 68.71 0.879 64.3 89.1 10.2 460.0 352.4 317.3 2.554 2.364 1.221 1044.3 1071 70.05 0.879 64.3 89.1 10.2 460.0 352.4 317.3 2.554 2.364 1.221 1044.3 1071 70.05 0.893 63.8 88.9 10.2 460.0 337.1 294.3 3.034 2.897 1.139 1215.7 1027 76.35 0.934 57.3 87.1 10.3 460.0 322.6 277.2 3.440 3.379 3.163 1.105 1288.1 1004 78.23 0.935 54.1 85.9 10.3 460.0 322.6 277.2 3.440 3.379 3.163 1.105 1288.1 1004 78.23 0.935 54.1 85.9 10.3 460.0 321.0 275.5 3.483 3.432 1.074 1357.2 978 78.66 0.916 50.3 84.7 10.3 460.0 312.4 267.6 3.699 3.699 1.024 1473.7 917 76.79 0.899 46.2 83.4 10.4 460.0 304.2 261.2 3.899 3.950 1.024 1473.7 917 76.79 0.899 42.5 82.2 10.4 460.0 225.6 255.8 4.093 4.197 1.004 1521.2 884 74.40 0.783 38.4 80.8 10.4 460.0 225.7 249.2 44.37 4.694 0.990 1594.8 809 67.48 0.650 30.4 78.1 10.4 460.0 225.7 247.1 4.427 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 225.7 247.1 4.427 0.991 1561.0 672.3 766 63.52 0.579 26.6 76.9 10.4 460.0 225.7 247.1 4.427 0.991 1561.0 672.3 766 63.52 0.579 26.6 76.9 10.4 460.0 255.7 247.1 4.427 0.991 1561.0 672.3 766 63.52 0.579 26.6 76.9 10.4 460.0 255.7 247.1 4.427 0.991 1561.0 672.3 766 63.52 0.579 26.6 76.9 10.4 460.0 225.7 247.1 4.427 0.991 1561.0 672.3 766 63.52 0.579 26.6 76.9 10.4 460.0 225.7 247.1 4.427 0.991 1561.0 672.3 766 63.52 0.579 26.6 76.9 10.4 460.0 225.7 247.1 4.489 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.7 247.1 4.899 5.511 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.7 247.1 4.899 5.511 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.7 247.1 4.899 5.511 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.7 247.1 4.891 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0														
0.75 HP 460.0 368.0 346.2 1.983 1.837 1.324 820.0 1110 56.75 0.750 68.2 89.9 10.1 460.0 350.5 330.0 2.300 2.112 1.266 948.4 1106 57.76 0.761 67.8 89.9 10.1 1075 RPM 460.0 354.3 320.5 2.491 2.299 1.232 1021.0 1075 68.71 0.879 64.3 89.1 10.2 460.0 352.4 317.3 2.554 2.364 1.221 1041.3 1071 70.05 0.993 63.8 89.9 10.2 460.0 352.4 317.3 2.554 2.364 1.221 1041.3 1071 70.05 0.993 63.8 89.9 10.2 460.0 351.1 294.3 3.034 2.897 1.139 1215.7 1027 76.35 0.944 57.3 89.1 10.2 460.0 321.1 284.5 3.259 3.163 1.105 1288.1 1004 78.23 0.935 54.1 85.9 10.3 460.0 321.0 275.5 3.483 3.432 1.074 1357.2 978 78.86 0.922 51.2 85.0 10.3 460.0 321.0 275.5 3.483 3.432 1.074 1357.2 978 78.86 0.922 51.2 85.0 10.3 460.0 312.4 267.6 3.699 3.699 1.046 1419.9 948 77.86 0.879 46.2 83.4 10.4 460.0 295.6 255.8 4.093 4.197 1.004 1521.2 884 74.40 0.783 38.4 80.8 10.4 460.0 227.9 247.7 4.591 0.991 1561.0 848 71.28 0.700 83.8 4.7 79.5 10.4 460.0 227.9 247.7 4.591 0.991 1561.0 848 71.28 0.700 34.4 79.5 10.4 460.0 227.9 247.7 4.591 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 255.7 247.1 4.427 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 255.7 247.1 4.849 0.970 1561.0 970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 255.7 247.1 4.849 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 241.5 258.9 5.071 5.520 0.974 1686.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.6 225.8 4.093 5.00 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 255.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 241.5 248.9 5.071 5.520 0.974 1686.0 563 43.533 0.992 12.9 72.3 10.4 460.0 241.5 248.9 5.071 5.520 0.974 1686.0 563 43.533 0.992 12.9 72.3 10.4 460.0 221.7 255.5 5.287 5.848 0.990 1693.2 437 33.84 0.176 7.8 70.9 70.7 70.9 70.9 70.9 70.9 70.9 70.9								646.3						
1075 RPM														
1075 RPM 460.0 359.5 330.0 2.300 2.112 1.266 948.4 1089 64.44 0.835 65.7 89.6 10.2 460.0 354.3 320.5 2.491 2.299 1.232 1021.0 1075 68.71 0.879 64.3 89.1 10.2 64.0 352.4 317.3 2.554 2.364 1.221 1044.3 1071 70.05 0.893 63.8 88.9 10.2 460.0 345.2 305.7 2.792 2.621 1.181 1131.3 1050 73.54 0.919 60.6 88.1 10.2 460.0 337.1 294.3 3.034 2.897 1.139 1215.7 1027 76.35 0.934 57.3 87.1 10.3 460.0 322.6 277.2 3.440 3.379 1.108 1288.1 10.4 78.23 0.935 54.1 85.9 10.3 460.0 322.6 277.2 3.440 3.379 1.080 1344.8 982 78.86 0.922 51.2 85.0 10.3 460.0 321.0 275.5 3.493 3.432 1.074 1357.2 978 78.66 0.916 50.3 84.7 10.3 460.0 312.4 267.6 3.699 3.699 1.046 1419.9 948 77.86 0.899 46.2 83.4 10.4 460.0 295.6 255.8 4.093 4.197 1.004 1521.2 884 74.40 0.783 38.4 80.8 10.4 460.0 287.3 252.0 4.271 4.427 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 225.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 225.0 255.2 5.159 5.648 0.976 1691.8 503 38.19 0.228 10.1 71.3 10.3 460.0 226.6 255.9 5.228 5.754 0.991 1691.8 503 38.19 0.228 10.1 71.3 10.3 460.0 226.6 255.9 5.228 5.754 0.992 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 225.0 255.5 5.528 5.848 0.990 1696.7 367 29.9 0.0 0.130 5.7 69.8 10.3 460.0 226.6 255.9 5.227 5.914 1.003 1702.0 295 26.60 0.003 4.1 69.5 10.3 460.0 226.6 255.9 5.227 5.914 1.003 1702.0 295 26.60 0.003 4.1 69.5 10.3 460.0 206.6 263.4 5.372 5.998 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.003 1715.7 132 20.91 0.033 1.4 69.5 10.3 460.0 204.7 266.8 5.396 6.036 1.003 1715.7 132 20.91 0.033 1.4 69.5 10.3	0.75 HP													
1075 RPM														
## Accordance ## Accordance	1075 RPM											64.3	89.1	
BDT OZ-FT 460.0 329.1 284.5 3.259 3.163 1.105 1288.1 1004 78.23 0.934 57.3 87.1 10.3 460.0 329.1 284.5 3.259 3.163 1.105 1288.1 1004 78.23 0.935 54.1 85.9 10.3 460.0 322.6 277.2 3.440 3.379 1.080 1344.8 982 78.86 0.922 51.2 85.0 10.3 460.0 321.0 275.5 3.483 3.432 1.074 1357.2 978 78.66 0.916 50.3 84.7 10.3 460.0 312.4 267.6 3.699 3.699 1.046 1419.9 948 77.86 0.879 46.2 83.4 10.4 460.0 304.2 261.2 3.899 3.950 1.024 1473.7 917 76.79 0.839 42.5 82.2 10.4 460.0 295.6 255.8 4.093 4.197 1.004 1521.2 884 74.40 0.783 38.4 80.8 10.4 460.0 278.9 249.2 4.437 4.644 0.980 1594.8 809 67.48 0.650 30.4 78.1 10.4 460.0 278.9 249.2 4.437 4.644 0.980 1594.8 809 67.48 0.650 30.4 78.1 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.5 2.579 26.6 76.9 10.4 460.0 255.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.450 19.3 74.5 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 228.6 251.9 5.228 5.519 5.648 0.976 1691.8 503 38.19 0.228 10.1 71.3 10.3 460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 222.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 204.7 266.8 5.391 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.5 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.5 10.3														
BDT OZ-FT 460.0 329.1 284.5 3.259 3.163 1.105 1288.1 1004 78.23 0.935 54.1 85.9 10.3 460.0 322.6 277.2 3.440 3.379 1.080 1344.8 982 78.86 0.922 51.2 85.0 10.3 460.0 321.0 275.5 3.483 3.432 1.074 1357.2 978 78.66 0.916 50.3 84.7 10.3 460.0 312.4 267.6 3.699 3.699 1.046 1419.9 948 77.86 0.879 46.2 83.4 10.4 460.0 304.2 261.2 3.899 3.950 1.024 1473.7 917 76.79 0.839 42.5 82.2 10.4 460.0 295.6 255.8 4.093 4.197 1.004 1521.2 884 74.40 0.783 38.4 80.8 10.4 460.0 287.3 252.0 4.271 4.427 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 255.7 247.1 4.849 5.211 0.970 1624.0 720 58.77 0.504 22.9 75.7 10.4 460.0 248.7 247.8 4.965 5.371 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 228.6 251.9 5.28 5.555 5.287 5.848 0.996 1693.2 437 33.84 0.176 78.3 10.4 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 78.3 10.4 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 78.8 70.4 10.3 460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 209.6 263.4 5.372 5.988 1.021 170.9 215 23.72 0.061 2.7 69.2 10.3 460.0 209.6 263.4 5.372 5.988 1.021 170.9 215 23.72 0.061 2.7 69.5 10.3 460.0 209.6 263.4 5.372 5.988 1.021 170.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.003 1.4 69.5 10.3														
BDT OZ-FT 460.0 321.0 275.5 3.440 3.379 1.080 1344.8 982 78.86 0.922 51.2 85.0 10.3 460.0 321.0 275.5 3.483 3.432 1.074 1357.2 978 78.66 0.916 50.3 84.7 10.3 460.0 312.4 267.6 3.699 3.699 1.046 1419.9 948 77.86 0.879 46.2 83.4 10.4 460.0 304.2 261.2 3.899 3.950 1.024 1473.7 917 76.79 0.839 42.5 82.2 10.4 460.0 295.6 255.8 4.093 4.197 1.004 1521.2 884 74.40 0.783 38.4 80.8 10.4 460.0 287.3 252.0 4.271 4.427 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 278.9 249.2 4.437 4.644 0.980 1594.8 809 67.48 0.650 30.4 78.1 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 255.7 247.1 4.849 5.211 0.970 1644.0 720 58.77 0.504 22.9 75.7 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 225.5 248.9 5.071 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0 225.5 258.9 5.071 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0 225.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 312.4 267.6 3.699 3.699 1.046 1419.9 948 77.86 0.879 46.2 83.4 10.4 460.0 304.2 261.2 3.899 3.950 1.024 1473.7 917 76.79 0.839 42.5 82.2 10.4 460.0 295.6 255.8 4.093 4.197 1.004 1521.2 884 74.40 0.783 38.4 80.8 10.4 460.0 287.3 252.0 4.271 4.427 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 255.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 216.2 258.9 5.327 5.914 1.003 1702.0 295 26.60 0.093 4.1 69.5 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3	BDT OZ-FT		322.6									51.2	85.0	
460.0 304.2 261.2 3.899 3.950 1.024 1473.7 917 76.79 0.839 42.5 82.2 10.4 460.0 295.6 255.8 4.093 4.197 1.004 1521.2 884 74.40 0.783 38.4 80.8 10.4 460.0 287.3 252.0 4.271 4.427 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 278.9 249.2 4.37 4.644 0.980 1594.8 809 67.48 0.650 30.4 78.1 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 265.7 247.1 4.849 5.211 0.970 1644.0 720 58.77 0.504 22.9 75.7 10.4 460.0 255.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 241.5 248.9 5.071 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 216.2 258.9 5.372 5.984 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 295.6 255.8 4.093 4.197 1.004 1521.2 884 74.40 0.783 38.4 80.8 10.4 460.0 287.3 252.0 4.271 4.427 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 278.9 249.2 4.437 4.644 0.980 1594.8 809 67.48 0.650 30.4 78.1 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 263.3 246.9 4.723 5.040 0.970 1644.0 720 58.77 0.504 22.9 75.7 10.4 460.0 255.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 241.5 248.9 5.071 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0 235.0 250.2 5.159 5.648 0.976 1691.8 503 38.19 0.228 10.1 71.3 10.3 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 209.6 263.4 5.372 5.988 1.021 170.9 215 23.72 0.061 2.7 69.2 10.3 460.0 209.6 263.4 5.372 5.988 1.021 170.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 287.3 252.0 4.271 4.427 0.991 1561.0 848 71.28 0.720 34.4 79.5 10.4 460.0 278.9 249.2 4.437 4.644 0.980 1594.8 809 67.48 0.650 30.4 78.1 10.4 460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 263.3 246.9 4.723 5.040 0.970 1644.0 720 58.77 0.504 22.9 75.7 10.4 460.0 255.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 241.5 248.9 5.071 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0 235.0 250.2 5.159 5.648 0.976 1691.8 503 38.19 0.228 10.1 71.3 10.3 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.5 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 270.9 247.7 4.591 4.847 0.974 1623.7 766 63.52 0.579 26.6 76.9 10.4 460.0 263.3 246.9 4.723 5.040 0.970 1644.0 720 58.77 0.504 22.9 75.7 10.4 460.0 255.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 241.5 248.9 5.071 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0 235.0 250.2 5.159 5.648 0.976 1691.8 503 38.19 0.228 10.1 71.3 10.3 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 216.2 258.9 5.327 5.914 1.003 1702.0 295 26.60 0.993 4.1 69.5 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 263.3 246.9 4.723 5.040 0.970 1644.0 720 58.77 0.504 22.9 75.7 10.4 460.0 255.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 241.5 248.9 5.071 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0 235.0 250.2 5.159 5.648 0.976 1691.8 503 38.19 0.228 10.1 71.3 10.3 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 216.2 258.9 5.327 5.914 1.003 1702.0 295 26.60 0.093 4.1 69.5 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 255.7 247.1 4.849 5.211 0.970 1662.0 672 53.74 0.430 19.3 74.5 10.4 460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 241.5 248.9 5.071 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0 235.0 250.2 5.159 5.648 0.976 1691.8 503 38.19 0.228 10.1 71.3 10.3 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 216.2 258.9 5.327 5.914 1.003 1702.0 295 26.60 0.093 4.1 69.5 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 248.7 247.8 4.965 5.371 0.972 1677.2 620 48.74 0.360 16.0 73.4 10.4 460.0 241.5 248.9 5.071 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0 235.0 250.2 5.159 5.648 0.976 1691.8 503 38.19 0.228 10.1 71.3 10.3 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 216.2 258.9 5.327 5.914 1.003 1702.0 295 26.60 0.093 4.1 69.5 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 241.5 248.9 5.071 5.520 0.974 1686.0 563 43.53 0.292 12.9 72.3 10.4 460.0 235.0 250.2 5.159 5.648 0.976 1691.8 503 38.19 0.228 10.1 71.3 10.3 460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 216.2 258.9 5.327 5.914 1.003 1702.0 295 26.60 0.093 4.1 69.5 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 228.6 251.9 5.228 5.754 0.982 1693.2 437 33.84 0.176 7.8 70.4 10.3 460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 216.2 258.9 5.327 5.914 1.003 1702.0 295 26.60 0.093 4.1 69.5 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3				248.9			0.974	1686.0	563	43.53	0.292	12.9	72.3	10.4
460.0 221.7 255.5 5.287 5.848 0.990 1696.7 367 29.80 0.130 5.7 69.8 10.3 460.0 216.2 258.9 5.327 5.914 1.003 1702.0 295 26.60 0.093 4.1 69.5 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 216.2 258.9 5.327 5.914 1.003 1702.0 295 26.60 0.093 4.1 69.5 10.3 460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 209.6 263.4 5.372 5.988 1.021 1709.9 215 23.72 0.061 2.7 69.2 10.3 460.0 204.7 266.8 5.396 6.036 1.039 1715.7 132 20.91 0.033 1.4 69.1 10.3														
460.0 197.3 272.4 5.417 6.091 1.063 1718.4 44 18.53 0.010 0.4 69.0 10.3														
		460.0	197.3	272.4	5.417	6.091	1.063	1718.4	44	18.53	0.010	0.4	69.0	10.3
														3LU98





Wiring Diagram





Dayton

CONDENSER **FAN MOTOR**

HP: 3/4

VOLTS: 460

AMPS: 2.0 **RPM**: 1075

DUTY: CONT

SF: 1.0 KVA CODE:

ENCL: TEAO

THERMALLY PROTECTED: AUTO MFG. NO. PROT. CODE: 7A010

MTR REF: K55HXTDR-2347

E37403 258501

PH:

HZ: 60 **FR**: 48YZ

INS CL: B **AMB**: 60 ℃

SFA:

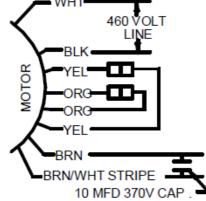
AVGEL

EFF.

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

Part 3LU99BJ

TO REVERSE ROTATION INTERCHANGE ORG AND YEL LEADS



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

Made In China