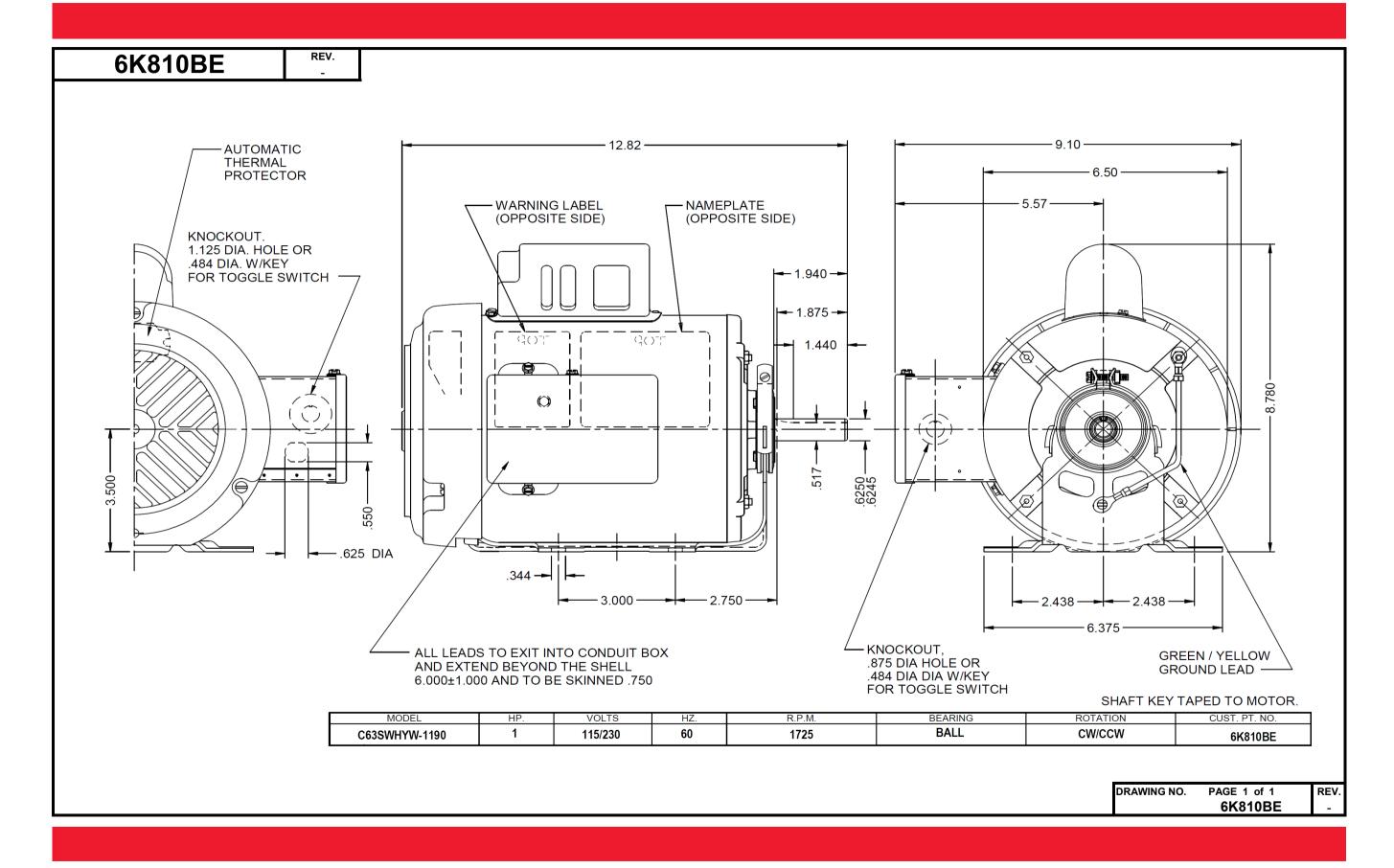
Dimensional Drawing





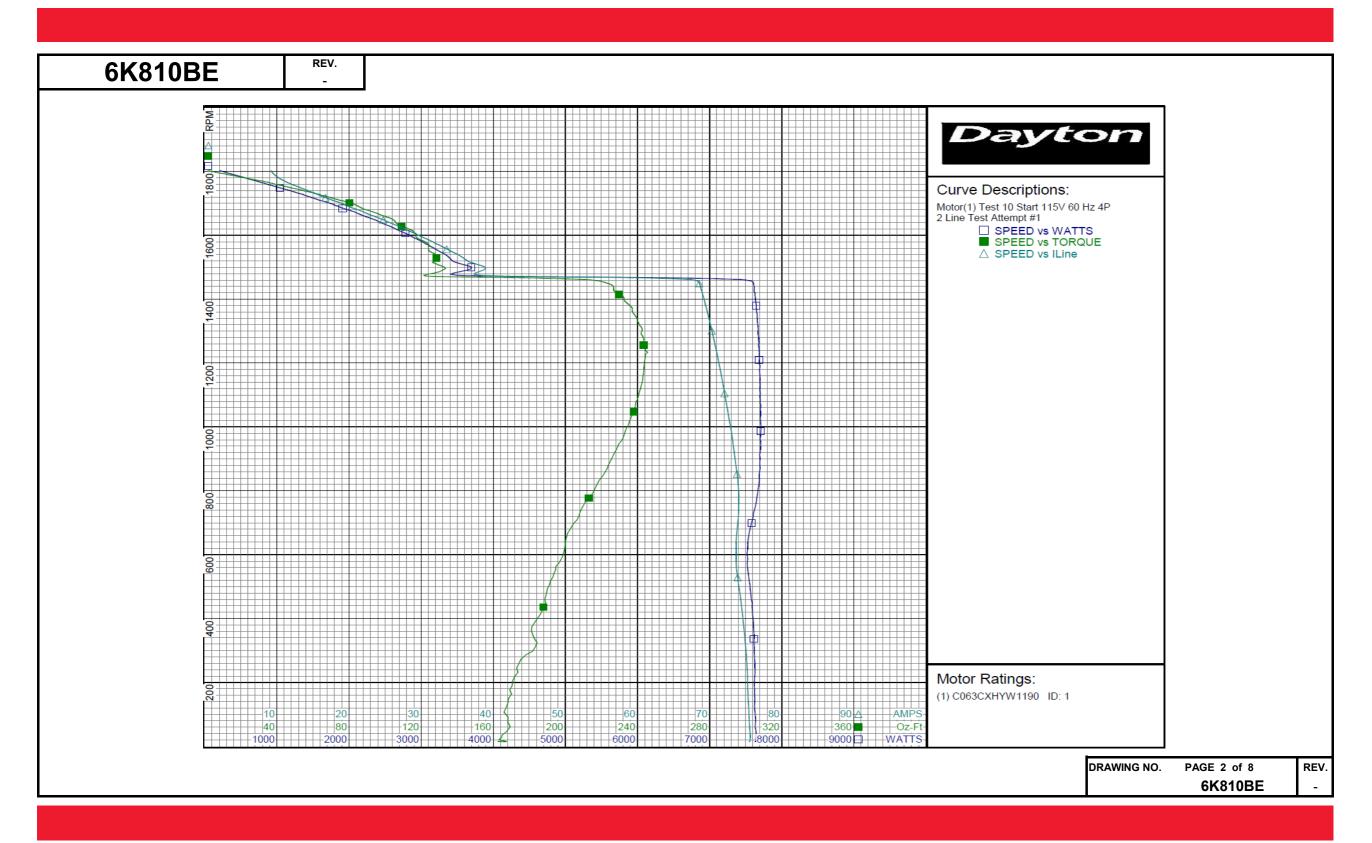


6K810BI	<u>- </u>							
	MOTO	OR PERF	OPMA	MCE				
	MOTO	WIE-W	CIXIVIZ	MOL				
HP:	1 HP							
Poles:	4							
No. of Speeds:	1							
Volts:	115/230	115	230			T		
HZ:	60	60	60			1	1	
Service Factor:	1					†	†	
Efficiency:	@ Rated Load	72.3	72					
Power Factor:	@ Rated Load	69.5	69.2					
Amps:	@ No Load							
	@ Rated Load	13.1	6.6					
	@ Service Factor	'						
	@ Locked Rotor	75.5	38.9					
RPM:	@ Rated Load	'						
Ambient (°C):	40							
Altitude (FASL):	Dunalisland	100.0	1014	1		1		г
Torques:	Breakdown	132.9	134.1					
	Locked Rotor	162.7	154.2					
	Pull-Up Rated Load	162.7	150.3	-		+	+	
	Service Factor	 '	 	1		+		
Watts:	Rated Load	 '				+		
KVA Code:	Raieu Luau					+	+	
Temperature Rise:	@ Rated Load	92.1	 			+	+	
Temperature Moo.	@ Service Factor	52.1				+	+	
Thermal Protector:	Trip Temp (°C)	+				+	+	
Winding Material:	Start (Auxiliary)	Cu				 	+	
	Run (Main)	Al				_	†	
Capacitor(s):	Start (MFD / Volts)	540-648 M	/FD / 110 \	VAC		<u> </u>		
• • • •	No. of Start Capacitors							
	Run (MFD / Volts)	N/A						
	No. of Run Capacitors	<u> </u>		•		-	_	<u>-</u>
	REFORMANCE DATA:							
HP:								
Poles:				•				
Volts:								
HZ:	=		<u> </u>					
Efficiency:	@ Rated Load		<u> </u>					
Power Factor:	@ Rated Load		 	-				
Amps:	@ No Load		 					
	@ Rated Load		 	1				
		. I		<u> </u>				
	@ Service Factor	 ,						
T	@ Locked Rotor		-		1			1
Torques:	@ Locked Rotor @ Rated Load						-	
Torques:	Locked Rotor Rated Load Locked Rotor							
Torques:	@ Locked Rotor@ Rated LoadLocked RotorPull-Up							
Torques:	@ Locked Rotor@ Rated LoadLocked RotorPull-UpRated Load							
	@ Locked Rotor@ Rated LoadLocked RotorPull-UpRated LoadService Factor							
Watts:	 @ Locked Rotor @ Rated Load Locked Rotor Pull-Up Rated Load Service Factor @ Rated Load 							
	@ Locked Rotor@ Rated LoadLocked RotorPull-UpRated LoadService Factor							



K810BE	REV.									
				Day	yton Ma	nufactu	ring Cor	npany		
Motor Des	scription					Test Con	ditions			
Model:	C063CXHY	W1190		Test Type:	Start		Run Ca	ap:	0	
Motor ID:	1			Test Number	r: 10		Start C	_	0μ f d	
Poles:	4			Poles:	4		Start	up.	Option	
Volts:	115/230			Volts:	115		Tested		8/30/2012 9:59	·21 AM
	60			Hz:	60		Tested		Sharp, Gerald	.21 AIVI
Frequency:	1				00		Gear R	•		
HP:	1			Rotation:					1:1	
Speed:	1725			Special Cond		est			-0.64 Oz-Ft	
Phase:	1			Speed Conn:				ge Torque:	: -2.24 Oz-Ft	
Protector:	CEJ40CX			TestBoard:	Amtps P	erformance	Fixture #1			
Special Points	Vline(V)	Iline(A)	Watts	RPM 7	[q(Oz-ft)	HP	Eff(%)	PF (%)		
PUT OZ-FT	115.0	75.52	7629	15	162.7	0.029	0.3	87.8		
	115.0	75.52	7629	15	162.7	0.029	0.3	87.8		
	115.0 115.0	75.53 75.24	7629 7625	61 218	169.4 171.8	0.122	1.2 4.4	87.8 88.1		
	115.0	74.77	7610	362	181.1	0.781	7.7	88.5		
	115.0	74.08	7560	495	190.0	1.119	11.0	88.7		
	115.0	73.66	7527	616	199.4	1.462	14.5	88.9		
	115.0	74.00	7607	729	207.9	1.803	17.7	89.4		
	115.0	73.90	7690	834	218.9	2.174	21.1	90.5		
	115.0 115.0	73.35 72.74	7704 7705	929 1018	228.3 235.5	2.526 2.855	24.5 27.6	91.3 92.1		
	115.0	72.12	7700	1099	240.6	3.146	30.5	92.8		
	115.0	71.52	7692	1173	243.4	3.398	33.0	93.5		
	115.0	70.91	7685	1239	244.2	3.603	35.0	94.2		
	115.0	70.30	7671	1300	242.5	3.754	36.5	94.9		
	115.0 115.0	69.71 69.13	7656 7632	1355 1407	237.7 232.3	3.835 3.890	37.4 38.0	95.5 96.0		
	115.0	68.52	7605	1453	221.6	3.833	37.6	96.5		
	115.0	37.48	3445	1481	127.2	2.243	48.6	79.9		
	115.0	36.05	3407	1525	128.1	2.326	50.9	82.2		
	115.0	33.00	3145	1563	124.0	2.307	54.7	82.9		
	115.0 115.0	29.85 26.89	2855 2567	1597 1628	117.0 109.2	2.225 2.116	58.1 61.5	83.2 83.0		
	115.0	23.97	2270	1656	101.8	2.006	65.9	82.4		
	115.0	21.12	1971	1680	89.1	1.781	67.4	81.1		
	115.0	18.46	1682	1704	79.0	1.604	71.1	79.2		
	115.0	15.83	1380	1725	64.5	1.325	71.7	75.8		
	115.0 115.0	13.59 11.23	1081 745	1746 1767	50.0 33.1	1.040 0.696	71.8 69.6	69.2 57.7		
	115.0	9.74	431	1788	14.9	0.896	55.0	38.4		
	115.0	9.18	209	1802	1.6	0.035	12.6	19.8		
									DRAWING NO.	PAGE 1 o
										6K81

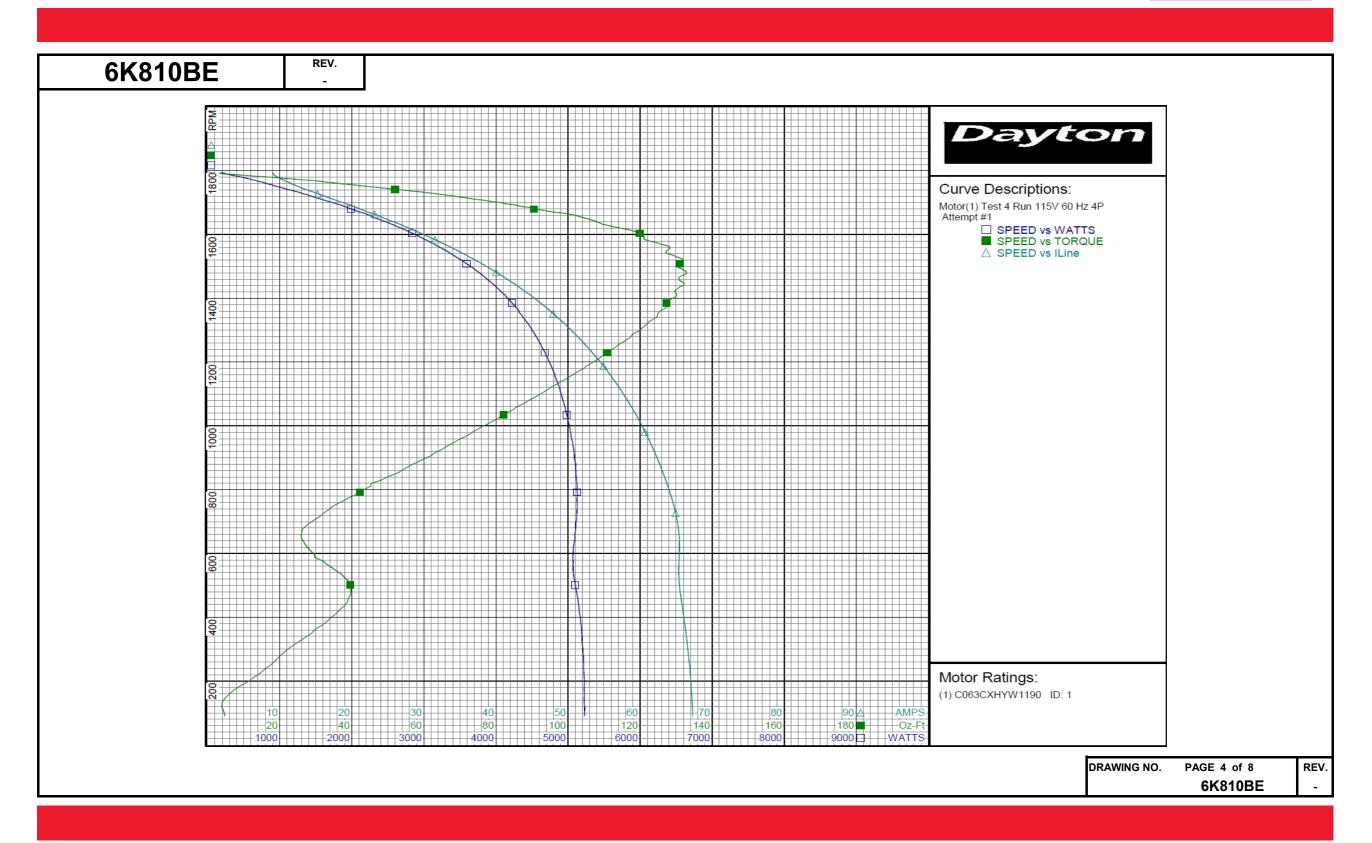






K810BE	REV.								
				D	ayton Ma	nufactu	ring Con	npany	
Motor Des	scription					Test Con	ditions		
Model:	C063CXHY	W1190		Test Type:			Run Ca	p:	0
Motor ID:	1			Test Numb	per: 4		Start Ca	ap:	0μfd
Poles:	4			Poles:	4			-	•
Volts:	115/230			Volts:	115		Tested:		8/30/2012 10:16:01 AN
Frequency:	60			Hz:	60		Tested		Sharp, Gerald
HP:	1			Rotation:			Gear R	•	1:1
Speed:	1725			Special Co	ond:				: -0.80 Oz-Ft
Phase:	1			Speed Cor					: -2.56 Oz-Ft
Protector:	CEJ40CX			TestBoard		erformance		, 1	
Special Points	Vline(V)	Iline(A)	Watts	RPM	Tq(Oz-ft)	нр	Eff(%)	PF(%)	
	115.0	8.97	181	1795	0.00	0.000	0.0	17.5	
	115.0 115.0	9.85	511 829	1777 1759	19.58 37.17	0.414 0.778	60.5 70.0	45.1 61.8	
1 HP	115.0	11.66 13.00	1034	1746	48.11	1.000	72.1	69.2	
1 HP	115.0	13.00	1034	1746	48.11	1.000	72.1	69.2	
48.8 OZ-FT	115.0	13.09	1047	1745	48.80	1.014	72.3	69.5	
1705	115.0	13.75	1138	1740	53.43	1.107	72.6	71.9	
1725 RPM	115.0 115.0	15.62 16.29	1370 1444	1725 1720	65.17 68.59	1.338 1.404	72.9 72.6	76.2 77.1	
	115.0	18.93	1758	1698	82.03	1.658	70.4	80.8	
	115.0	21.62	2044	1675	93.10	1.857	67.8	82.2	
	115.0	24.53 27.40	2339	1650 1625	104.86 112.32	2.060 2.172	65.7 61.6	82.9 83.5	
	115.0 115.0	30.42	2631 2921	1595	120.70	2.292	58.5	83.5	
	115.0	33.35	3186	1564	127.66	2.377	55.6	83.1	
	115.0	36.24	3440	1530	130.02	2.368	51.3	82.5	
BDT OZ-FT	115.0 115.0	39.16 40.32	3689 3781	1493 1477	131.34 132.87	2.335 2.337	47.2 46.1	81.9 81.5	
BD1 02 F1	115.0	42.01	3913	1453	131.37	2.272	43.3	81.0	
	115.0	44.78	4126	1410	130.06	2.182	39.5	80.1	
	115.0	47.49	4315	1361	125.72	2.037	35.2	79.0	
	115.0 115.0	49.99 52.40	4474 4624	1309 1254	120.87 113.92	1.884 1.701	31.4 27.4	77.8 76.7	
	115.0	54.71	4752	1194	106.04	1.507	23.7	75.5	
	115.0	56.85	4865	1128	96.38	1.294	19.8	74.4	
	115.0 115.0	58.86 60.68	4960 5032	1057 981	85.45 73.55	1.075 0.859	16.2 12.7	73.3 72.1	
	115.0	62.37	5088	898	60.50	0.647	9.5	70.9	
	115.0	63.85	5125	810	45.19	0.436	6.3	69.8	
	115.0	65.02	5117	716	31.09	0.265	3.9	68.4	
	115.0 115.0	65.45 65.41	5073 5093	617 513	27.76 39.02	0.204 0.238	3.0 3.5	67.4 67.7	
	115.0	66.06	5168	400	34.37	0.164	2.4	68.0	
	115.0	66.72	5212	277	19.86	0.065	0.9	67.9	
	115.0	67.18	5222	146	4.74	0.008	0.1	67.6	
									DRAWING NO. PAGE 3
									6K8

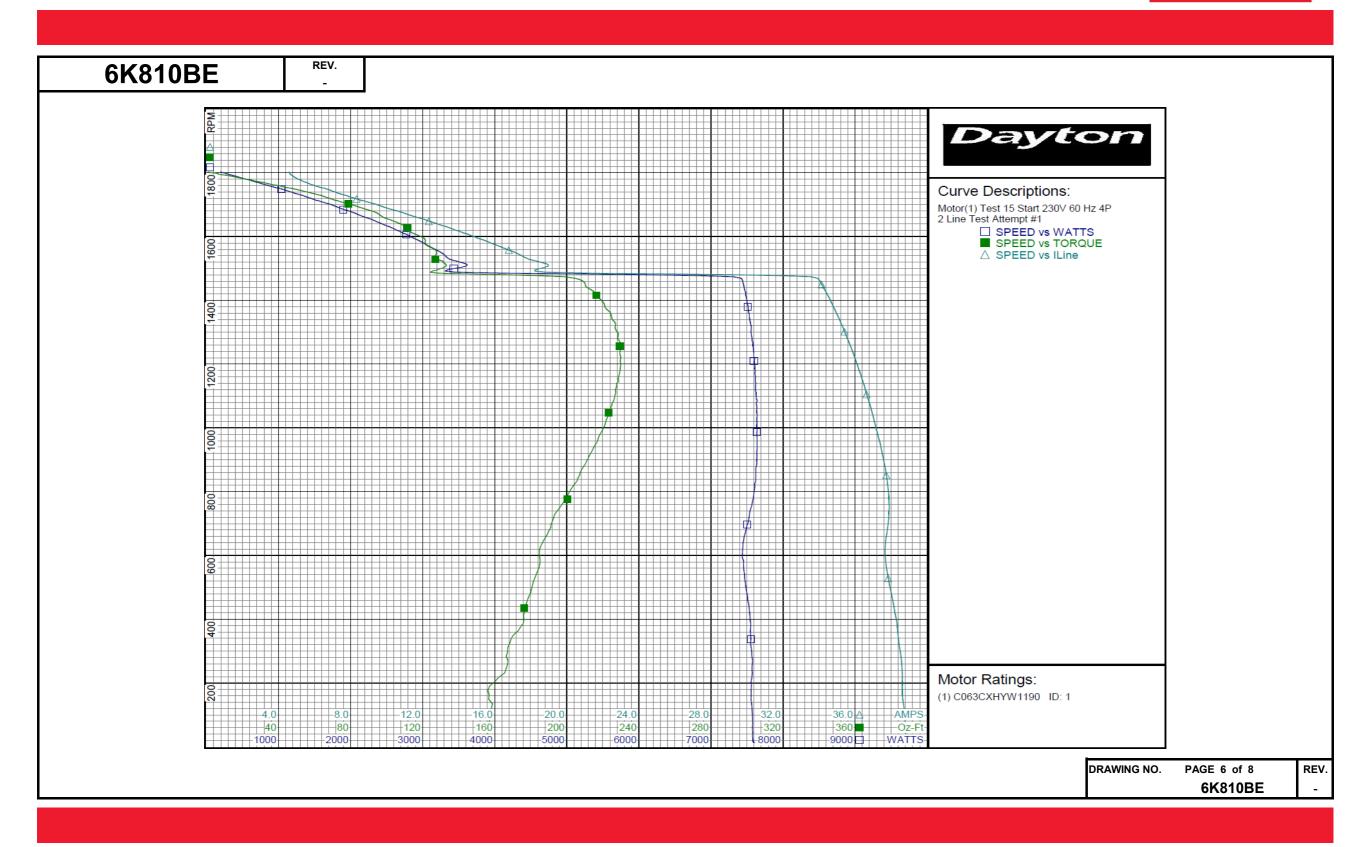






				Day	ton Ma	nufactu	ring Con	npany		
Motor Des	cription					Test Con	ditions			
Model:	C063CXHY	W1190		Test Type:	Start		Run Ca	ip:	0	
Motor ID:	1			Test Number:	15		Start C	ap:	0μfd	
Poles:	4			Poles:	4			•	•	
Volts:	115/230			Volts:	230		Tested	:	8/30/2012 8:45:31 A	М
Frequency:	60			Hz:	60		Tested		Sharp, Gerald	
HP:	1			Rotation:			Gear R		1:1	
Speed:	1725			Special Cond:	2 Line T	est			-0.48 Oz-Ft	
Phase:	1			Speed Conn:					: -2.08 Oz-Ft	
Protector:	CEJ40CX			TestBoard:	Amtps P	erformance		50 Torque	2.00 02 10	
Special Points	Vline(V)	Iline(A)	Watts	RPM To	(Oz-ft)	HP	Eff(%)	PF(%)		
	230.0	38.87	7596	14	154.2	0.026	0.3	85.0		
PUT OZ-FT	230.0	38.91	7593	14	150.3	0.026	0.3	84.8		
	230.0 230.0	38.78 38.62	7574 7567	59 217	157.4 162.0	0.111 0.419	1.1 4.1	84.9 85.2		
	230.0	38.36	7546	362	172.8	0.746	7.4	85.5		
	230.0	37.96	7488	494	180.3	1.061	10.6	85.8		
	230.0	37.66	7438	616	184.7	1.354	13.6	85.9		
	230.0 230.0	37.88 37.78	7534 7620	728 833	193.1 205.6	1.674 2.039	16.6 20.0	86.5 87.7		
	230.0	37.47	7637	929	214.1	2.368	23.1	88.6		
	230.0	37.08	7638	1018	221.5	2.683	26.2	89.6		
	230.0	36.68	7627	1098	226.6	2.963	29.0	90.4		
	230.0 230.0	36.28 35.86	7609 7591	1172 1239	229.3 229.5	3.200 3.385	31.4 33.3	91.2 92.0		
	230.0	35.42	7551	1301	227.8	3.530	34.9	92.7		
	230.0	34.99	7529	1357	224.4	3.623	35.9	93.6		
	230.0	34.56	7492	1407	217.6	3.647	36.3	94.2		
	230.0	34.11	7445	1454	210.1	3.636	36.4	94.9		
	230.0 230.0	20.11 18.08	3829 3413	1486 1526	126.2 129.2	2.232	43.5 51.3	82.8 82.1		
	230.0	16.49	3139	1563	125.3	2.331	55.4	82.8		
	230.0	14.93	2845	1598	119.6	2.274	59.6	82.9		
	230.0	13.43	2561	1628	111.5	2.161	63.0	82.9		
	230.0	11.98	2268	1655	100.2	1.975	65.0	82.3		
	230.0 230.0	10.53 9.21	1958 1671	1681 1704	91.0 77.8	1.822 1.578	69.4 70.5	80.9 78.9		
	230.0	7.89	1369	1725	65.1	1.337	72.8	75.4		
	230.0	6.80	1079	1746	50.8	1.056	73.0	69.0		
	230.0	5.61	738	1768	32.7	0.688	69.5	57.2		
	230.0	4.83	421	1788	14.7	0.313	55.5	37.9		
	230.0	4.57	192	1802	0.9	0.020	7.7	18.3		
									DRAWING NO. PAGE	5 of 8

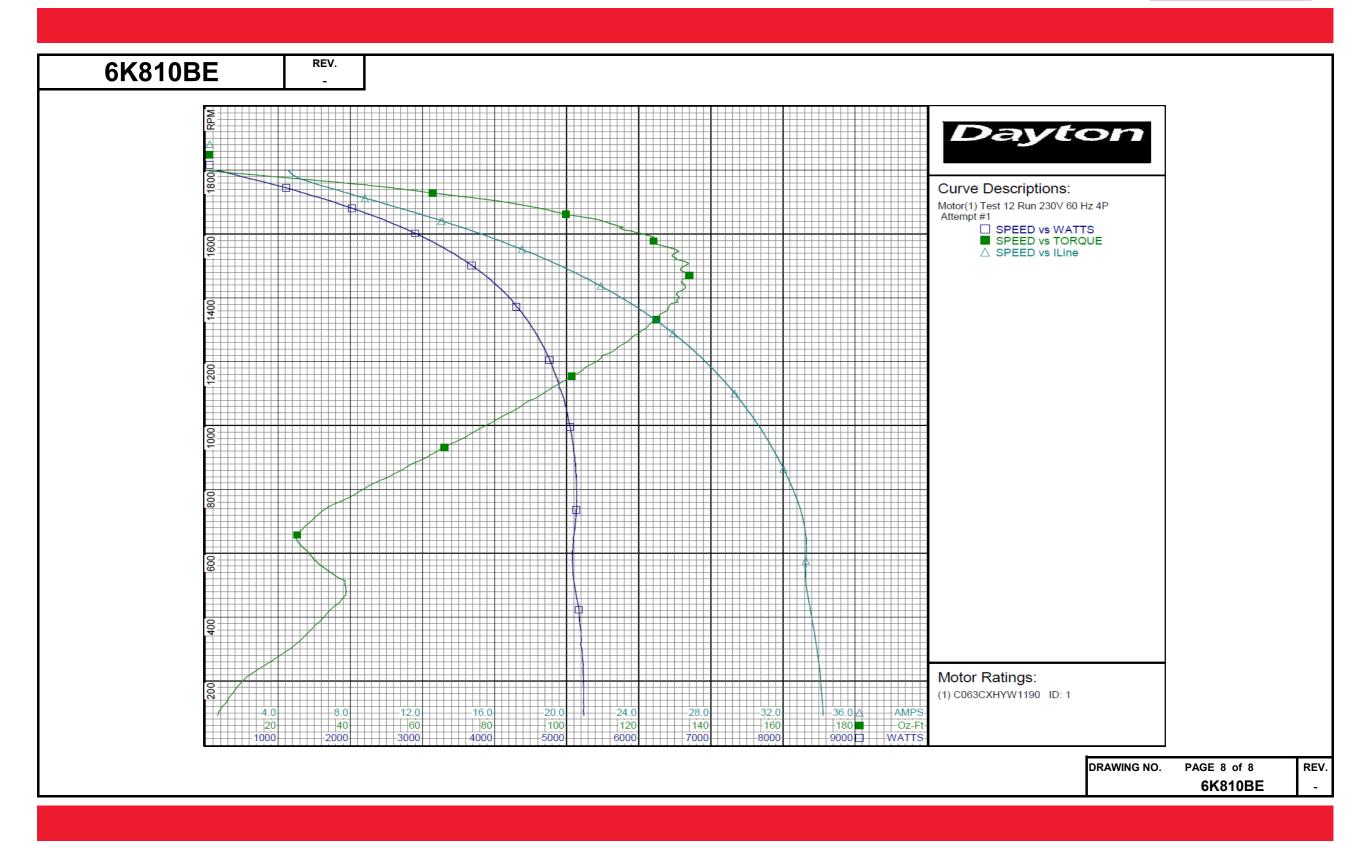






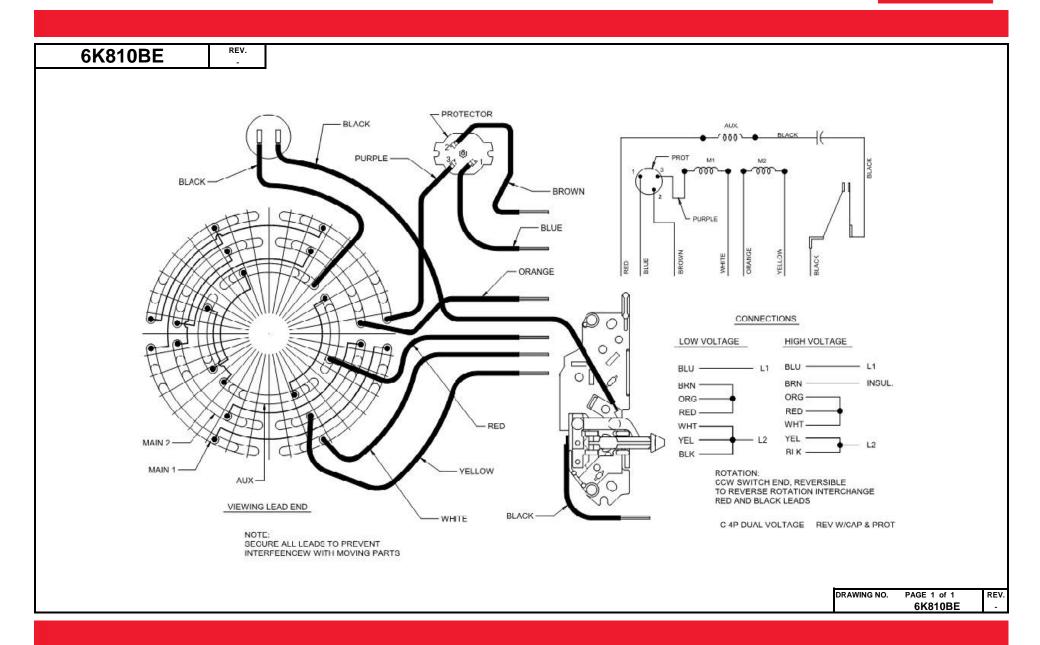
Motor Description	(810BE	REV. -									
Model: C063CXHYW1190					Da	yton Ma	nufactu	ring Cor	npany		
Motor ID:	Motor Des	scription					Test Con	ditions			
Motor ID:			W1190		Test Type:	Run			ap:	0	
Poles: 4	Motor ID:	1						Start C	cap:	0ufd	
Volts:									1	•	
Frequency: 60 HP: 1 Speed: 1725 Phase: 125 Protector: CEJ40CX Special Foints Vine (Y)		115/230						Tested	:	8/30/2012 8:27	7:47 AM
HP: 1 Speed: 1725 Special Cond: Speed Com: TestBoard: Amtps Performance Fixture #1											
Special Points 1											
Phase: 1 Protector: CEJ40CX Special Points Vilne(V) Iline(A) Watts 230.0 4.57 146 1800 0.00 0.00 0.00 13.9 230.0 4.57 1785 1764 34.75 0.730 65.4 59.7 1 HP 230.0 6.55 1037 1749 48.03 1.000 72.0 68.8 48.8 0Z-FT 230.0 6.83 11002 1748 48.80 1.016 72.0 69.2 1725 RPM 230.0 6.83 11002 1748 48.80 1.016 72.0 69.2 1725 RPM 230.0 6.84 1002 1749 48.03 1.000 72.0 68.8 1 HP 230.0 6.85 1037 1749 48.03 1.000 72.0 68.8 1 HP 230.0 6.85 1037 1749 48.03 1.000 72.0 68.8 1 HP 230.0 6.89 11002 1748 48.80 1.016 72.0 69.2 1725 RPM 230.0 8.06 1052 1748 48.80 1.016 72.0 69.2 1725 RPM 230.0 10.0 8.06 170 173 55.0 1.41 1.068 71.9 70.6 230.0 9.38 1721 1704 80.56 1.634 70.9 79.8 230.0 10.73 2022 1681 92.31 1.847 68.1 81.9 230.0 12.18 2321 1656 102.66 2.024 65.1 82.9 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 22.48 4128 1131 1.07 2.330 54.6 82.9 230.0 22.48 4128 1419 131.0 2.31 44.11 2.353 45.6 81.1 230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 22.48 4128 1419 131.0 2.211 40.0 79.8 230.0 22.48 4128 1419 131.0 2.211 40.0 79.8 230.0 22.48 4798 1321 123.38 1.941 32.39 77.4 230.0 22.48 4798 1321 123.38 1.941 32.37 77.4 230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 27.59 4764 1101 88.67 1.131 17.0 72.7 230.0 33.52 50.4 4974 1071 88.67 1.131 17.0 72.7 230.0 33.52 50.9 915 63.55 0.692 10.1 70.3 66.5 230.0 33.29 5048 996 76.90 0.912 13.5 71.5 230.0 33.29 5048 996 76.90 0.912 13.5 71.5 230.0 33.29 5048 996 76.90 0.912 13.5 71.5 230.0 33.26 5086 535 535 100.224 3.3 66.5 230.0 33.38 520 778 4974 1071 88.67 1.131 17.0 72.7 230.0 33.52 5096 535 535 100.224 3.3 66.5 230.0 33.155 5099 915 63.55 0.692 10.1 70.3 66.7		_				nd·					
Protector: CEJ40CX TestBoard: Amtps Performance Fixture #1											
230.0 4.57 146 1800 0.00 0.00 0.00 13.9 4.90 4.90 458 1782 16.56 0.351 57.3 40.6 230.0 5.71 785 1764 34.75 0.730 68.4 59.7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		_					erformance		ge rorque	. 2.30 02 10	
230.0 4.57 146 1800 0.00 0.00 0.00 13.9 4.90 4.90 458 1782 16.56 0.351 57.3 40.6 230.0 5.71 785 1764 34.75 0.730 68.4 59.7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Consist Prints	771 /77)	T14 (7)	W-44-	D.DW	m/0- £t)		BEE (%)	DE (%)		
230.0 4.90 458 1782 16.56 0.351 57.3 40.6 230.0 5.71 785 1764 34.75 0.730 69.4 59.7 1 HP 230.0 6.55 1037 1749 48.03 1.000 72.0 68.8 48.8 OZ-FT 230.0 6.61 1052 1748 48.80 1.016 72.0 69.2 230.0 6.83 1108 1745 51.41 1.068 71.9 70.6 1725 RPM 230.0 8.03 1402 1725 65.37 1.342 71.4 75.9 230.0 8.06 1409 1725 65.70 1.349 71.4 75.9 230.0 9.38 1721 1704 80.56 1.634 70.9 79.8 230.0 10.73 2022 1681 92.31 1.847 68.1 81.9 230.0 12.18 2321 1656 102.66 2.024 65.1 82.9 230.0 13.64 2612 1630 112.88 2.191 62.6 83.3 230.0 15.13 2900 16.02 120.27 2.294 59.0 83.3 230.0 16.63 3172 1571 124.55 2.330 54.8 82.9 230.0 18.12 3435 1538 129.87 2.378 51.6 82.4 230.0 19.59 3681 1502 133.0 2.379 46.6 81.1 BDT OZ-FT 230.0 20.66 3 3818 1442 133.10 2.359 45.6 81.1 230.0 21.06 3918 1462 133.10 2.359 45.6 81.1 230.0 22.84 4205 1372 123.3 2.966 36.3 77.4 230.0 22.84 4205 1372 123.3 2.966 36.3 77.4 230.0 22.84 4205 1372 123.3 2.966 36.3 77.4 230.0 22.84 4205 1372 123.3 2.966 36.3 77.4 230.0 22.84 4205 1372 123.3 2.966 36.3 77.4 230.0 22.84 4205 1372 123.3 2.966 36.3 77.4 230.0 22.84 4205 1372 123.3 2.966 36.3 77.4 230.0 22.874 4874 1071 88.67 1.131 17.0 72.7 230.0 20.759 4764 1206 108.97 1.564 24.5 75.1 230.0 22.874 4874 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.55 71.5 230.0 32.33 5136 82.9 48.45 0.478 6.9 69.1 230.0 32.33 5136 82.9 48.45 0.478 6.9 69.1 230.0 32.87 5132 73.6 62.6 0.286 6.5 230.0 33.29 5098 637 22.32 0.192 2.8 66.6 230.0 33.29 5098 637 22.32 0.192 2.8 66.6 230.0 33.29 5098 637 22.32 0.192 2.8 66.6 230.0 33.89 5007 302 23.43 0.084 1.2 6.6 8	special Points										
1 HP											
1 HP											
48.8 OZ-FT 230.0 6.61 1052 1748 48.80 1.016 72.0 69.2 230.0 6.83 1108 1745 51.41 1.068 71.9 70.6 230.0 8.03 1402 1725 65.70 1.342 71.4 75.9 230.0 9.38 1721 1704 80.56 1.634 70.9 79.8 230.0 10.73 2022 1681 92.31 1.847 68.1 81.9 230.0 12.18 2321 1656 102.66 2.024 65.1 82.9 230.0 13.64 2612 1630 112.88 2.191 62.6 83.3 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 16.63 3172 1571 124.55 2.330 54.8 82.9 230.0 18.12 3435 1538 129.87 2.378 51.6 82.4 230.0 19.59 3681 1502 133.04 2.379 48.2 81.7 BDT OZ-FT 230.0 20.62 3848 1474 134.11 2.353 45.6 81.1 230.0 21.06 3916 1462 133.19 2.318 44.2 80.9 230.0 22.48 4128 1419 133.02 2.213 40.0 79.8 230.0 23.84 4305 1372 126.33 2.096 36.3 78.5 230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 25.16 4479 132.3 13.02 2.213 40.0 79.8 230.0 26.42 4628 1665 16.9 12.3 38.2 2.096 36.3 78.5 230.0 26.42 4628 1665 16.9 1.0 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7											
1725 RPM											
1725 RPM 230.0 8.03 1402 1725 65.37 1.342 71.4 75.9 230.0 8.06 1409 1725 65.70 1.349 71.4 76.0 230.0 9.38 1721 1704 80.56 1.634 70.9 79.8 230.0 10.73 2022 1681 92.31 1.847 68.1 81.9 230.0 12.18 2321 1656 102.66 2.024 65.1 82.9 230.0 13.64 2612 1630 112.88 2.191 62.6 83.3 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 15.63 3172 1571 124.55 2.330 54.8 82.9 230.0 19.59 3681 1502 133.04 2.379 48.2 81.7 230.0 19.59 3681 1502 133.04 2.379 48.2 81.7 230.0 20.62 3848 1474 134.11 2.353 45.6 81.1 2.30.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 25.16 4479 1321 128.33 2.096 36.3 78.5 230.0 25.16 4479 1321 128.33 2.096 36.3 78.5 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 32.33 5136 82.9 49.4 10.9 79.8 230.0 32.33 5136 82.9 49.4 10.9 79.8 230.0 32.33 5136 82.9 49.4 50.9 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 32.33 5136 82.9 48.67 1.352 20.7 73.8 230.0 33.29 5088 637 25.32 0.426 4.2 6.7 72.2 230.0 33.29 5088 637 25.32 0.426 4.2 6.7 72.2 230.0 33.29 5088 637 25.32 0.426 4.2 6.7 72.2 230.0 33.29 5088 637 25.32 0.424 3.3 66.5 52.30 0.33.29 5088 637 25.32 0.424 3.3 66.5 52.30 0.33.29 5088 637 25.32 0.424 3.3 66.5 52.30 0.33.29 5088 637 25.32 0.424 3.3 66.5 52.30 0.33.29 5088 637 25.32 0.424 3.3 66.5 52.30 0.33.29 5088 637 25.32 0.424 3.3 66.5 52.30 0.33.29 5088 637 25.32 0.424 3.3 66.5 52.30 0.33.29 5088 637 25.32 0.012 2 2.8 66.6 52.30 0.33.29 5088 637 25.32 0.012 2 2.8 66.6 52.30 0.33.29 5088 637 25.32 0.012 2 2.8 66.6 5	40.0 02 11										
230.0 9.38 1721 1704 80.56 1.634 70.9 79.8 230.0 10.73 2022 1681 92.31 1.847 68.1 81.9 230.0 12.18 2221 1656 102.66 2.024 65.1 82.9 230.0 13.64 2612 1630 112.88 2.191 62.6 83.3 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 16.63 3172 1571 124.55 2.330 54.8 82.9 230.0 18.12 3435 1538 129.87 2.378 51.6 82.4 230.0 19.59 3681 1502 133.04 2.379 48.2 81.7 230.0 20.62 3848 1474 134.11 2.353 45.6 81.1 230.0 21.06 3916 1462 133.19 2.318 44.2 80.9 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 26.42 4628 1265 117.19 1.765 28.5 76.2 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 29.74 4974 1071 88.67 1.31 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 32.97 5132 796 32.50 1.50 2.3 3.5 136 82.9 48.45 0.478 6.9 69.1 230.0 32.33 5136 82.9 48.45 0.478 6.9 69.1 230.0 32.33 5136 82.9 48.45 0.478 6.9 69.1 230.0 32.33 5136 82.9 48.45 0.478 6.9 69.1 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 62.2 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 62.2 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 62.2 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 62.2 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 62.2 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 62.2 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 62.2 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 62.2 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 62.2 230.0 33.88 5.207 3.2 23.43 0.084 1.2 66.8 230.0 33.88 5.207 3.2 23.43 0.084 1.2 66.8 230.0 33.412 5.207 3.2 23.43 0.	1725 RPM										
230.0 10.73 2022 1681 92.31 1.847 68.1 81.9 230.0 12.18 2321 1656 102.66 2.024 65.1 82.9 230.0 13.64 2612 1630 112.88 2.191 62.6 83.3 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 15.13 2900 1602 120.27 2.394 59.0 83.3 230.0 16.63 3172 1571 124.55 2.330 54.8 82.9 230.0 18.12 3435 1538 129.87 2.378 51.6 82.4 230.0 19.59 3681 1502 133.04 2.379 48.2 81.7 230.0 21.06 3916 1462 133.19 2.318 44.2 80.9 230.0 21.06 3916 1462 133.19 2.318 44.2 80.9 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 26.42 4628 1265 117.19 1.765 28.5 76.2 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 32.97 5132 736 32.67 0.286 4.2 66.6 230.0 32.97 5199 698 637 25.32 0.192 2.8 66.6 230.0 32.97 5199 698 637 25.32 0.192 2.8 66.6 230.0 32.97 5199 698 637 25.32 0.192 2.8 66.6 230.0 32.97 5199 698 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 12.18 2321 1656 102.66 2.024 65.1 82.9 230.0 13.64 2612 1630 112.88 2.191 62.6 83.3 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 16.63 3172 1571 124.55 2.330 54.8 82.9 230.0 18.12 3435 1538 129.87 2.378 51.6 82.4 230.0 19.59 3681 1502 133.04 2.379 48.2 81.7 BDT OZ-FT 230.0 20.62 3848 1474 134.11 2.353 45.6 81.1 230.0 21.06 3916 1462 133.19 2.318 44.2 80.9 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 22.48 4305 1372 128.33 2.096 36.3 78.5 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 25.46 42 4628 1265 117.19 1.765 28.5 76.2 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 29.74 4974 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 33.88 5207 302 23.43 0.084 1.2 66.8											
230.0 13.64 2612 1630 112.88 2.191 62.6 83.3 230.0 15.13 2900 1602 120.27 2.294 59.0 83.3 230.0 16.63 3172 1571 124.55 2.330 54.8 82.9 230.0 18.12 3435 1538 129.87 2.378 51.6 82.4 230.0 19.59 3681 1502 133.04 2.379 48.2 81.7 230.0 20.62 3848 1474 134.11 2.353 45.6 81.1 230.0 21.06 3916 1462 133.19 2.318 44.2 80.9 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 25.75 4764 1206 108.97 1.564 24.5 75.1 230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 32.37 5132 73.6 32.67 0.286 4.2 67.7 230.0 32.97 5132 73.6 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 16.63 3172 1571 124.55 2.330 54.8 82.9 230.0 18.12 3495 1538 129.87 2.378 51.6 82.4 230.0 19.59 3681 1502 133.04 2.379 48.2 81.7 230.0 20.62 3848 1474 134.11 2.353 45.6 81.1 230.0 21.06 3916 1462 133.19 2.318 44.2 80.9 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 22.48 4429 128 133.19 2.318 2.33 77.4 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 26.42 4628 1265 117.19 1.765 28.5 76.2 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 31.55 5099 915 63.55 0.692 10.1 70.3 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7		230.0	13.64	2612	1630	112.88	2.191		83.3		
BDT OZ-FT 230.0 18.12 3435 1538 129.87 2.378 51.6 82.4 230.0 19.59 3681 1502 133.04 2.379 48.2 81.7 230.0 20.62 3848 1474 134.11 2.353 45.6 81.1 230.0 21.06 3916 1462 133.19 2.318 44.2 80.9 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 26.42 4628 1265 117.19 1.765 28.5 76.2 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.37 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
BDT OZ-FT 230.0 19.59 3681 1502 133.04 2.379 48.2 81.7 230.0 20.62 3848 1474 134.11 2.353 45.6 81.1 230.0 21.06 3916 1462 133.19 2.318 44.2 80.9 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 26.42 4628 1265 117.19 1.765 28.5 76.2 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 31.55 5099 915 63.55 0.692 10.1 70.3 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 21.06 3916 1462 133.19 2.318 44.2 80.9 230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 26.42 4628 1265 117.19 1.765 28.5 76.2 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 31.55 50.99 915 63.55 0.692 10.1 70.3 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 50.98 637 25.32 0.192 2.8 66.6 230.0 33.29 50.98 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 22.48 4128 1419 131.02 2.213 40.0 79.8 230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 26.42 4628 1265 117.19 1.765 28.5 76.2 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 31.55 5099 915 63.55 0.692 10.1 70.3 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.55 5171 424 34.52 0.174 2.5 67.1 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7	BDT OZ-FT										
230.0 23.84 4305 1372 128.33 2.096 36.3 78.5 230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 26.42 4628 1265 117.19 1.765 28.5 76.2 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 31.55 5099 915 63.55 0.692 10.1 70.3 230.0 32.33 5136 82.9 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 33.88 5207 302 23.43 0.084 1.2 66.8											
230.0 25.16 4479 1321 123.38 1.941 32.3 77.4 230.0 26.42 4628 1265 117.19 1.765 28.5 76.2 230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 31.55 5099 915 63.55 0.692 10.1 70.3 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.52 5171 424 34.52 0.174 2.5 67.1 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06											
230.0 27.59 4764 1206 108.97 1.564 24.5 75.1 230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 31.55 5099 915 63.55 0.692 10.1 70.3 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.52 5171 424 34.52 0.174 2.5 67.1 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 28.70 4874 1141 99.52 1.352 20.7 73.8 230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 31.55 5099 915 63.55 0.692 10.1 70.3 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.52 5171 424 34.52 0.174 2.5 67.1 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 29.74 4974 1071 88.67 1.131 17.0 72.7 230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 31.55 5099 915 63.55 0.692 10.1 70.3 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.52 5171 424 34.52 0.174 2.5 67.1 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 30.69 5045 996 76.90 0.912 13.5 71.5 230.0 31.55 5099 915 63.55 0.692 10.1 70.3 230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.52 5171 424 34.52 0.174 2.5 67.1 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 32.33 5136 829 48.45 0.478 6.9 69.1 230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.52 5171 424 34.52 0.174 2.5 67.1 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 32.97 5132 736 32.67 0.286 4.2 67.7 230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.52 5171 424 34.52 0.174 2.5 67.1 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 33.29 5098 637 25.32 0.192 2.8 66.6 230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.52 5171 424 34.52 0.174 2.5 67.1 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 33.26 5086 535 35.10 0.224 3.3 66.5 230.0 33.52 5171 424 34.52 0.174 2.5 67.1 230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
230.0 33.88 5207 302 23.43 0.084 1.2 66.8 230.0 34.12 5235 172 8.06 0.017 0.2 66.7					535						
230.0 34.12 5235 172 8.06 0.017 0.2 66.7											
IDDAMNIA NO DA										DRAWING NO.	PAGE 7 o





Wiring Diagram







RPM: 1725

DUTY: CONT SF: 1.0

KVA CODE: K

Part 6K810BE

INDUSTRIAL MOTOR

HP: 1 PH: 1

Disconnect Power Before Making Any Electrical Connections or Changes

HZ: 60

RED

ORG

WHT

YFI

CONNECTIONS

VOLTS: 115/230 AMPS: 13 1/6 6 FR: 56

> INS CL: F AMB: 40°C SFA:

LOW VOLTAGE HIGH VOLTAGE

RED

ORG

WHT

FNCI · TEEC MTR REF: C63SWHYW-1190

BI U BRN BRN INS

PROT. CODE: 00540 MFG. NO. 258501

THERMALLY PROTECTED: AUTO

RI K TO REVERSE ROTATION INTERCHANGE

RED AND BLACK LEADS

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

E37403