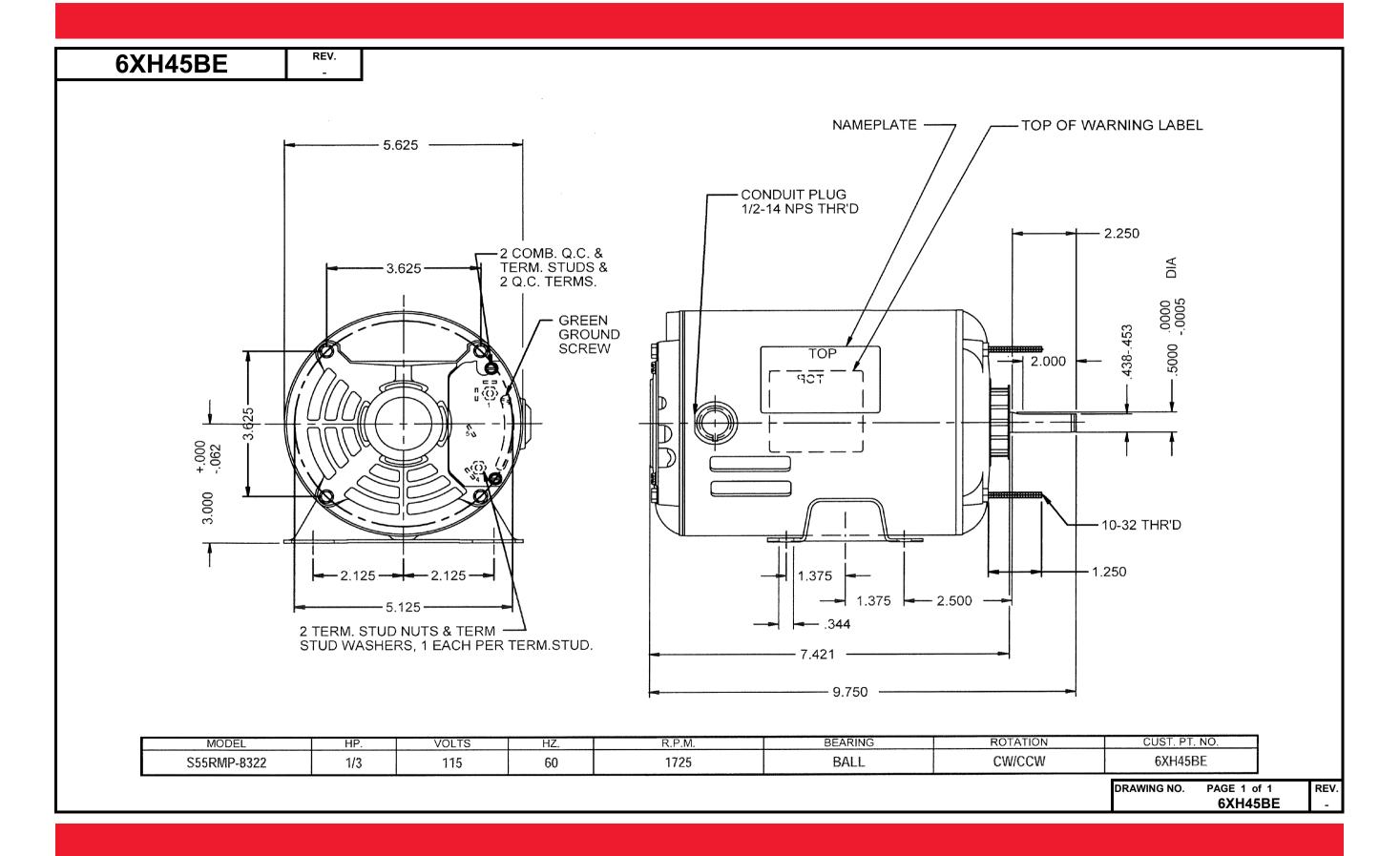
# **Dimensional Drawing**







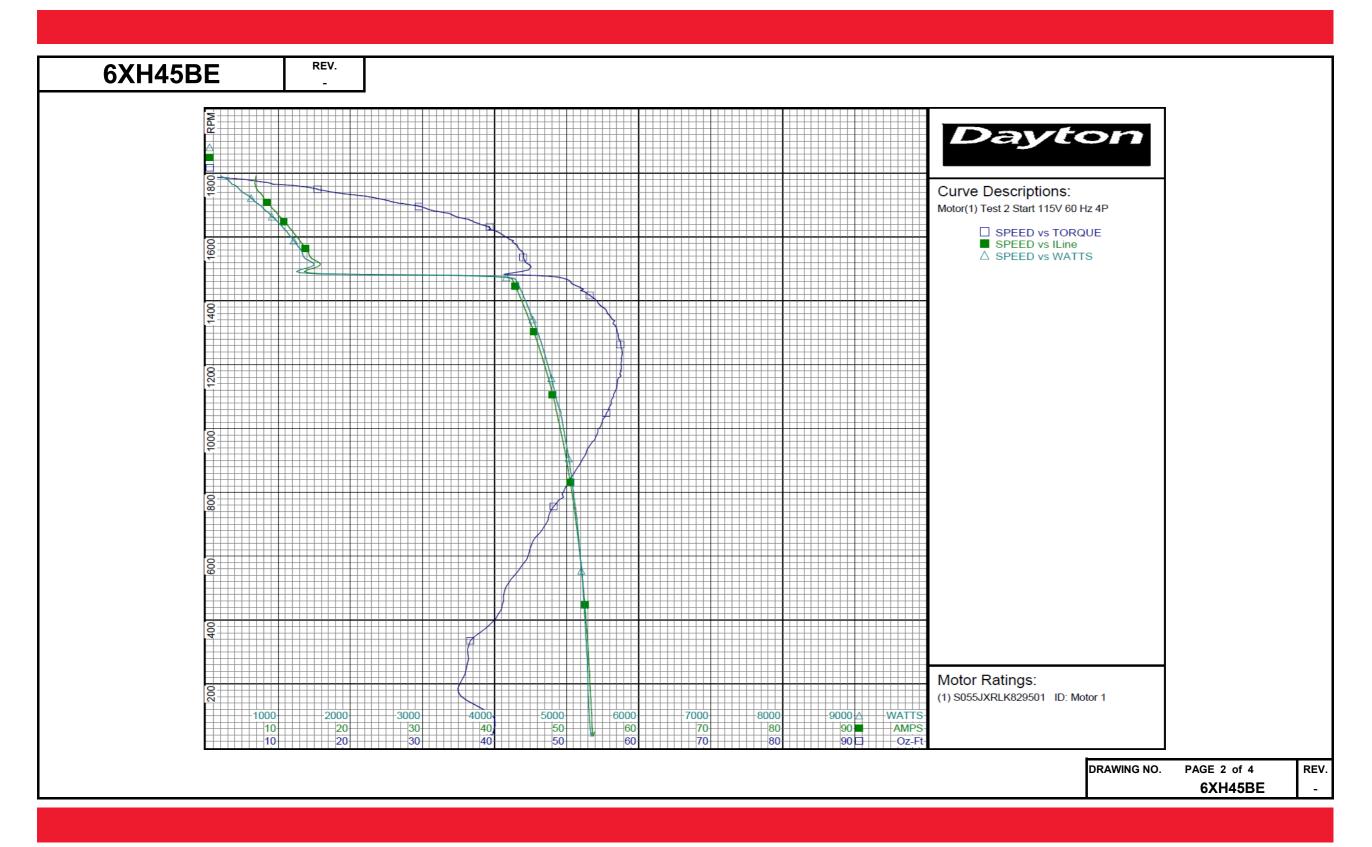
6XH45	<u> </u>	_									
SPLIT-	PHASE & CAPACIT	TOR ST	ART M	OTOR	PERF	ORMA	NCE				
HP:	1/3	_									
Poles:	4										
Ambient (°C):	40										
Altitude (FASL):	40										
No. of Speeds:	1										
Volts:	115	115	208	230	277	460	100	200			
HZ:	60	60	60	60	60	60	50	50			
Service Factor:	1.35										
Efficiency:	@ Rated Load	54.30									
Power Factor:	@ Rated Load	56.70									
Amps:	@ No Load	6.51									
	@ Rated Load	7.01									
	@ Service Factor	7.86									
DDM.	@ Locked Rotor	53.84				-					
RPM:	@ Rated Load Breakdown	1747		-		-					
Torques:	Locked Rotor	46.3 39.89									
	Pull-Up	34.94									
	Rated Load	16.01									
	Service Factor	21.94									
Watts:	Rated Load	457									
KVA Code:					I.						
Temperature Rise:	@ Rated Load	56.00									
	@ Service Factor	63.10									
Thermal Protector:	Trip Temp (°C)	117.70									
Winding Material:	Start (Auxiliary)	Al									
<u> </u>	Run (Main)		Al N/A								
Capacitor(s):	Start (MFD / Volts) No. of Start Capacitors	N/A N/A									
	Run (MFD / Volts)	N/A N/A									
	No. of Run Capacitors		N/A								
HP:	RFORMANCE DATA:										
Poles:		400	200	000	077	400	400	200			
Volts: HZ:		120 60	208 60	230 60	277 60	460 60	100 50	200 50			
п <u>и:</u> Efficiency:	@ Rated Load	00	00	00	00	00	30	30			
Power Factor:	@ Rated Load										
Amps:	@ No Load										
Ampo.	@ Rated Load										
	@ Service Factor			1							
	@ Locked Rotor										
Torques:	BreakDown										
	Locked Rotor										
	Pull-Up										
	Rated Load					ļ					
	Service Factor										
Watta				1	l	1					
Watts:	@ Rated Load										
Watts: Temperature Rise:											



6XH45BE

Motor Description	XH45BE	REV.									
Motor ID:		<del></del>			Day	ton Ma	nufactui	ring Con	npany		
Model: S055JXRLK829501   Test Type: Start Run Cap: 0	Motor De	scription					Test Con	ditions			
Motor ID:   Motor			29501		Test Type:	Start			ap:	0	
Poles: 4   Volts: 115   Tested: 1/18/2012 1:39:57									_	Oufd	
Volts:   115								Start	ap.	opera	
Frequency: 60 HP: 1/3 Speed: 1725 Phase: 1 Protector: CEJ51CY  Special Cond: Special Points  Special Points  Vinc 115.0 53.84 5350 47 33.89 0.022 0.3 86.4 115.0 53.80 115.0 53.84 5350 47 33.89 0.022 0.3 86.4 115.0 53.80 115.0 53.84 5350 47 33.89 0.022 0.3 86.4 115.0 53.80 115.0 53.28 5296 186 34.94 0.078 1.1 86.4 115.0 52.93 52.94 186 34.94 0.078 1.1 86.4 115.0 52.93 52.94 186 34.94 0.078 1.1 86.4 115.0 52.93 52.94 186 34.94 0.078 1.1 86.4 115.0 52.93 115.0 52.93 52.94 188 41.88 0.241 3.4 86.8 115.0 51.75 51.79 51.79 625 44.96 0.234 4.8 97.0 115.0 51.75 51.79 625 44.96 0.234 4.8 97.0 115.0 51.75 51.79 625 44.96 0.234 4.8 97.0 115.0 49.60 500.1 949 53.31 0.602 9.0 87.7 115.0 49.60 500.1 949 53.31 0.602 9.0 87.7 115.0 49.60 500.1 949 53.31 0.602 9.0 87.7 115.0 49.60 500.1 949 53.31 0.602 9.0 87.7 115.0 46.45 46.93 12.25 57.73 0.89 11.2 67.8 115.0 46.45 46.93 12.25 57.73 0.89 11.2 6.90 11.5 0.0 46.45 46.93 12.25 57.73 0.89 11.5 0.89 11.5 0.0 46.45 46.91 11.1 11.1 11.1 11.1 11.1 11.1 11.1		_						Tested:		1/18/2012 1:3	80-57 PM
HP:   1/3   Special Cond.								resteu.	•	1/10/2012 1.5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Special Phase: Phase: Protector:         12         Special Countries:         Special Countries:         Bearing Friction: -0.66 Oz-Ft Windage Torque: 1.94 Oz-Ft Windage Torque: 1.94 Oz-Ft Windage Torque: -1.94 Oz-Pt Wind						00		Gaar D	atio:	1.1	
Phase: 1 Protector: CEJ5ICY  Vine Iline Watts Speed Tq(Oz-ft) HP Eff(%) PF(%)  115.0 53.60 5334 513 39.88 0.024 0.3 86.4 115.0 53.28 5334 513 39.88 0.024 0.3 86.5 115.0 53.28 5295 186 0.10 0.00 1.0 86.4 115.0 53.28 5295 186 0.10 0.00 1.0 86.4 115.0 53.28 5295 186 0.10 0.00 1.0 86.4 115.0 53.28 5295 186 0.10 0.00 1.0 86.4 115.0 53.31 5298 174 34.99 0.072 1.0 86.4 115.0 52.33 5274 338 36.66 0.146 2.1 86.6 115.0 52.33 5274 338 36.66 0.146 2.1 86.6 115.0 52.15 5293 5274 338 36.66 0.146 2.1 86.6 115.0 52.15 5293 5274 338 36.66 0.146 2.1 86.6 115.0 52.15 5293 5274 5274 5274 5274 5274 5274 5274 5274											
Protector: CEJSICY    TestBoard:						1.					
Special Points		_				A T	)		ge Torque	:-1.94 OZ-Ft	
115.0	Protector:	CEJSICY			TestBoard:	Amtps F	Performance	Fixture #4			
115.0	Special Points	Vline	Tline	Watts	Speed To	a (Oz-ft.)	HP	Eff(%)	PF(%)		
PUT OZ-FT 115.0 53.38 5298 174 34.99 0.072 1.0 86.4   115.0 53.28 5295 186 34.94 0.078 1.1 86.4   115.0 52.93 5274 335 36.66 0.146 2.1 86.6   115.0 52.40 5230 488 41.38 0.241 3.4 86.8   115.0 51.75 5179 625 44.96 0.334 4.8 87.0   115.0 51.75 5179 625 44.96 0.334 4.8 87.0   115.0 51.75 5179 625 44.96 0.334 4.8 87.0   115.0 59.30 5001 849 57.0   115.0 49.30 5001 849 57.0   115.0 48.79 4931 1034 55.26 0.680 10.3 87.9   115.0 48.79 4931 1034 55.26 0.680 10.3 87.9   115.0 47.16 4761 1183 57.53 0.810 12.7 87.8    BDT OZ-FT 115.0 46.45 4693 1235 57.73 0.849 13.5 87.9   115.0 46.30 46.79 1246 57.70 0.856 13.6 87.9   115.0 44.59 4511 1354 55.96 0.902 14.9 88.0   115.0 44.59 4511 1354 55.96 0.902 14.9 88.0   115.0 43.75 4427 1401 54.10 0.902 15.2 88.0   115.0 42.97 4388 1493 51.79 0.902 15.2 88.0   115.0 42.95 4511 1354 55.96 0.902 14.9 88.0   115.0 42.95 4511 1357 54.96 0.902 15.2 88.0   115.0 12.90 1208 1591 44.67 0.806 10.1 0.902 15.2 88.0   115.0 14.02 1317 1558 43.7 0.808 45.8 81.7   115.0 14.05 11.9 912 1664 34.69 0.687 57.2 75.3   115.0 11.50 11.9 912 1664 34.69 0.687 57.2 75.3   115.0 8.76 726 1703 27.66 0.561 57.6 79.5   115.0 8.76 726 1703 27.66 0.561 57.6 79.5   115.0 8.02 638 1728 23.71 0.486 57.5 68.8   8 AMPS 115.0 7.94 892 1728 23.71 0.466 57.2 66.7 65.6   115.0 7.94 892 1728 23.71 0.466 57.2 66.7 65.6   115.0 7.94 892 1728 23.71 0.466 57.2 66.7 65.6   115.0 6.75 339 1770 1.59 1.50 0.383 52.6 60.7 65.6   115.0 6.75 339 1770 1.59 1.50 0.808 39.5 43.7   115.0 6.75 339 1770 1.59 1.50 0.808 55.2 60.7 65.6   115.0 6.75 339 1770 1.59 1.50 0.808 55.2 60.7 65.6   115.0 6.75 339 1770 1.59 1.50 0.808 55.2 60.7 65.6   115.0 6.75 339 1770 1.51 1.9 0.26 6.22 0.333 52.6 60.7 65.6   115.0 6.75 339 1770 1.50 0.668 55.2 60.7 65.6   115.0 6.75 339 1770 1.50 0.668 55.2 60.7 65.6   115.0 6.75 339 1770 1.50 0.668 55.2 60.7 65.0 60.7 65.0 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60	DPCCIAL ICINC										
PUT OZ-FT    115.0   53.28   5295   386   34.94   0.078   1.1   86.4     115.0   52.93   5274   335   36.66   0.146   2.1   86.6     115.0   52.40   5230   488   41.38   0.241   3.4   86.8     115.0   51.75   5179   625   44.96   0.334   4.8   87.0     115.0   51.10   5130   745   47.89   0.425   6.2   87.3     115.0   50.38   5069   851   50.79   0.425   6.2   87.5     115.0   48.79   4931   1034   55.27   0.856   10.3   87.9     115.0   48.79   4931   1113   56.27   0.751   11.6   87.6     115.0   46.45   4693   1235   57.73   0.751   11.6   87.9     115.0   46.45   4693   1235   57.73   0.856   13.6   87.9     115.0   45.43   4593   4593   1303   56.98   0.884   14.4   87.9     115.0   44.59   4511   1354   55.96   0.902   14.9   88.0     115.0   43.75   4427   1401   54.10   0.902   15.2   88.0     115.0   43.75   4427   1401   54.10   0.902   15.3   88.0     115.0   43.75   4427   1401   54.10   0.902   15.3   88.0     115.0   35.53   3480   1479   45.67   0.806   40.1   82.1     115.0   11.96   1111   1618   40.11   0.773   51.9   80.8     115.0   11.96   1111   1618   40.11   0.773   51.9   80.8     115.0   11.96   1111   1618   40.11   0.773   51.9   57.5     115.0   10.10   9.12   1644   34.67   0.806   40.1   82.1     115.0   10.10   9.12   1644   34.67   0.806   40.1   82.1     115.0   11.96   1111   1618   40.11   0.773   51.9   80.8     115.0   11.96   1111   1618   40.11   0.773   51.9   60.8     115.0   10.10   9.12   1644   34.67   0.687   57.2   77.5     115.0   7.84   592   1728   21.87   0.486   57.5   68.4     0.45   HP   115.0   7.84   592   1728   21.87   0.450   56.7   65.6     0.45   HP   115.0   6.89   233   1775   1.21   0.026   8.2   29.4											
115.0   52.93   5274   335   36.66   0.146   2.1   86.6     115.0   52.40   5230   488   41.38   0.241   3.4   86.8     115.0   51.75   5179   625   44.96   0.334   4.8   87.0     115.0   51.10   5130   745   77.8   0.425   6.2   87.3     115.0   50.38   5069   851   50.79   0.515   7.6   87.5     115.0   49.60   5001   949   53.31   0.602   9.0   87.7     115.0   48.79   4931   1034   55.26   0.680   10.3   87.9     115.0   48.802   4838   1113   56.67   0.751   11.6   87.6     115.0   47.16   4761   1183   57.53   0.810   12.7   87.8     BDT OZ-FT   115.0   46.45   4693   1235   57.73   0.810   12.7   87.8     115.0   46.45   4693   1235   57.73   0.810   12.7   87.8     115.0   46.45   4693   1303   56.98   0.864   14.4   87.9     115.0   44.59   4511   1354   55.96   0.902   14.9   88.0     115.0   43.75   4427   1401   54.10   0.902   14.9   88.0     115.0   43.75   4427   1401   54.10   0.902   15.2   88.0     115.0   43.83   1443   51.79   0.804   17.2   88.2     115.0   11.96   1115   1559   45.67   0.804   45.8   81.7     115.0   11.96   1111   1618   40.11   0.773   51.9   80.8     115.0   9.43   817   1642   37.78   0.773   54.6   79.5     115.0   8.76   726   1703   27.66   0.561   57.6   72.1     115.0   15.0   9.43   817   1644   34.69   0.687   56.2   77.9     115.0   8.76   726   1703   27.66   0.561   57.6   72.1     115.0   15.0   8.76   726   1703   27.66   0.561   57.6   72.1     115.0   7.94   608   172   23.71   0.486   57.5   68.4     1725   RPM   115.0   7.90   608   172   23.71   0.486   57.5   68.4     115.0   6.93   439   1750   8.53   0.180   39.5   43.7     115.0   6.95   339   1770   8.53   0.180   39.5   43.7     115.0   6.95   339   1770   8.53   0.180   39.5   43.7     115.0   6.95   339   1770   8.53   0.180   39.5   43.7     115.0   6.95   233   1770   8.53   0.180   39.5   43.7     115.0   6.95   233   1770   8.53   0.180   39.5   43.7     115.0   6.95   233   1770   8.53   0.180   39.5   43.7     115.0   6.95   233   1770   8.53   0.180   39.5   43.7     115.0   6.95   233											
115.0   52.40   5230   488   41.38   0.241   3.4   86.8	POT OZ-FT										
115.0   51.75   5179   625   44.96   0.334   4.8   87.0											
115.0   50.38   50.69   851   50.79   0.515   7.6   87.5     115.0   49.60   5001   949   53.31   0.602   9.0   87.7     115.0   48.79   4931   1034   55.26   0.680   10.3   87.9     115.0   48.02   4838   1113   56.67   0.751   11.6   87.6     115.0   47.16   4761   1183   57.53   0.810   12.7   87.8     115.0   46.45   4693   1235   57.73   0.849   13.5   87.9     115.0   46.30   4679   1246   57.70   0.856   13.6   87.9     115.0   45.43   4593   1303   56.98   0.884   14.4   87.9     115.0   44.59   4511   1354   55.96   0.902   14.9   88.0     115.0   43.75   4427   1401   54.10   0.902   15.2   88.0     115.0   42.97   4348   1443   51.79   0.890   15.3   88.0     115.0   35.53   3480   1479   45.67   0.804   40.1   82.1     115.0   15.85   1497   1515   44.67   0.806   40.1   82.1     115.0   12.90   12.08   1591   42.22   0.800   49.4   81.4     115.0   11.96   1111   1614   37.78   0.739   54.6   79.5     115.0   9.43   817   1664   34.69   0.687   56.2   77.9     115.0   8.76   726   1703   27.66   0.561   57.6   72.1     115.0   8.76   726   1703   27.66   0.561   57.6   72.1     115.0   7.90   608   1725   22.70   0.466   57.5   68.4     115.0   7.84   592   1728   21.87   0.450   56.7   65.6     0.333   HP   115.0   6.75   339   1770   8.53   0.180   39.5   43.7     115.0   6.93   43.9   1770   8.53   0.180   39.5   43.7     115.0   6.75   339   1770   8.53   0.180   39.5   43.7     115.0   6.89   233   1787   1.21   0.026   8.2   29.4		115.0	51.75	5179	625	44.96	0.334	4.8	87.0		
115.0											
115.0											
115.0											
BDT OZ-FT		115.0				56.67	0.751	11.6			
115.0											
115.0	BDT OZ-FT										
115.0 44.59 4511 1354 55.96 0.902 14.9 88.0 115.0 43.75 4427 1401 54.10 0.902 15.2 88.0 115.0 42.97 4348 1443 51.79 0.890 15.3 88.0 115.0 35.53 3480 1479 45.67 0.804 17.2 85.2 115.0 15.85 1497 1515 44.67 0.806 40.1 82.1 115.0 14.02 1317 1558 43.57 0.808 45.8 81.7 115.0 12.90 1208 1591 42.22 0.800 49.4 81.4 115.0 11.96 1111 1618 40.11 0.773 51.9 80.8 115.0 11.05 1010 1642 37.78 0.739 54.6 79.5 115.0 10.19 912 1664 34.69 0.687 56.2 77.9 115.0 9.43 817 1684 31.27 0.627 57.2 75.3 115.0 8.76 726 1703 27.66 0.561 57.6 72.1 15.0 8.02 634 1720 23.91 0.486 57.5 68.8  8 AMPS 115.0 8.00 630 1721 23.71 0.486 57.5 68.8 1725 RPM 115.0 7.90 608 1725 22.70 0.466 57.2 67.0 0.45 HP 115.0 7.84 592 1728 21.87 0.450 56.7 65.6 115.0 7.54 526 1737 18.49 0.382 54.2 60.7 0.333 HP 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.89 233 1787 1.21 0.026 8.2 29.4											
115.0 42.97 4348 1443 51.79 0.890 15.3 88.0 115.0 35.53 3480 1479 45.67 0.804 17.2 85.2 115.0 15.85 1497 1515 44.67 0.806 40.1 82.1 115.0 14.02 1317 1558 43.57 0.808 45.8 81.7 115.0 12.90 12.08 1591 42.22 0.800 49.4 81.4 115.0 11.96 1111 1618 40.11 0.773 51.9 80.8 115.0 10.19 912 1664 34.69 0.687 56.2 77.9 115.0 10.19 912 1664 34.69 0.687 56.2 77.9 115.0 9.43 817 1684 31.27 0.627 57.2 75.3 115.0 8.76 726 1703 27.66 0.561 57.6 72.1 15.0 8.02 634 1720 23.91 0.489 57.6 68.8 8 AMPS 115.0 8.00 630 1721 23.71 0.486 57.5 68.4 1725 RPM 115.0 7.90 608 1725 22.70 0.466 57.2 67.0 0.45 HP 115.0 7.84 592 1728 21.87 0.450 56.7 65.6 0.333 HP 115.0 7.54 526 1737 18.49 0.382 54.2 60.7 0.333 HP 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.93 339 1770 8.53 0.180 39.5 43.7		115.0		4511		55.96	0.902	14.9			
115.0   35.53   3480   1479   45.67   0.804   17.2   85.2											
115.0											
115.0											
115.0 11.96 1111 1618 40.11 0.773 51.9 80.8 115.0 11.05 1010 1642 37.78 0.739 54.6 79.5 115.0 10.19 912 1664 34.69 0.687 56.2 77.9 115.0 9.43 817 1684 31.27 0.627 57.2 75.3 115.0 8.76 726 1703 27.66 0.561 57.6 72.1 115.0 8.02 634 1720 23.91 0.489 57.6 68.8 8 AMPS 115.0 8.00 630 1721 23.71 0.486 57.5 68.4 1725 RPM 115.0 7.90 608 1725 22.70 0.466 57.2 67.0 0.45 HP 115.0 7.84 592 1728 21.87 0.450 56.7 65.6 70.0 0.45 HP 115.0 7.54 526 1737 18.49 0.382 54.2 60.7 0.333 HP 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.89 233 1787 1.21 0.026 8.2 29.4		115.0				43.57					
115.0 11.05 1010 1642 37.78 0.739 54.6 79.5 115.0 10.19 912 1664 34.69 0.687 56.2 77.9 115.0 9.43 817 1684 31.27 0.627 57.2 75.3 115.0 8.76 726 1703 27.66 0.561 57.6 72.1 115.0 8.02 634 1720 23.91 0.489 57.6 68.8 115.0 8.00 630 1721 23.71 0.486 57.5 68.4 1725 RPM 115.0 7.90 608 1725 22.70 0.466 57.2 67.0 0.45 HP 115.0 7.84 592 1728 21.87 0.450 56.7 65.6 0.7 0.333 HP 115.0 7.54 526 1737 18.49 0.382 54.2 60.7 0.333 HP 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.89 233 1787 1.21 0.026 8.2 29.4											
115.0 10.19 912 1664 34.69 0.687 56.2 77.9 115.0 9.43 817 1684 31.27 0.627 57.2 75.3 115.0 8.76 726 1703 27.66 0.561 57.6 72.1 115.0 8.02 634 1720 23.91 0.489 57.6 68.8 8 AMPS 115.0 8.00 630 1721 23.71 0.486 57.5 68.4 1725 RPM 115.0 7.90 608 1725 22.70 0.466 57.2 67.0 0.45 HP 115.0 7.84 592 1728 21.87 0.450 56.7 65.6 0.7 0.333 HP 115.0 7.54 526 1737 18.49 0.382 54.2 60.7 0.333 HP 115.0 7.11 472 1746 16.02 0.333 52.6 57.8 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.75 339 1770 8.53 0.180 39.5 43.7 115.0 6.89 233 1787 1.21 0.026 8.2 29.4											
115.0 9.43 817 1684 31.27 0.627 57.2 75.3 115.0 8.76 726 1703 27.66 0.561 57.6 72.1 115.0 8.02 634 1720 23.91 0.489 57.6 68.8 8 AMPS 115.0 8.00 630 1721 23.71 0.486 57.5 68.4 1725 RPM 115.0 7.90 608 1725 22.70 0.466 57.2 67.0 0.45 HP 115.0 7.84 592 1728 21.87 0.450 56.7 65.6 0.7 0.333 HP 115.0 7.54 526 1737 18.49 0.382 54.2 60.7 0.333 HP 115.0 7.11 472 1746 16.02 0.333 52.6 57.8 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.75 339 1770 8.53 0.180 39.5 43.7 115.0 6.89 233 1787 1.21 0.026 8.2 29.4											
8 AMPS 115.0 8.02 634 1720 23.91 0.489 57.6 68.8 115.0 8.00 630 1721 23.71 0.486 57.5 68.4 1725 RPM 115.0 7.90 608 1725 22.70 0.466 57.2 67.0 0.45 HP 115.0 7.84 592 1728 21.87 0.450 56.7 65.6 115.0 7.54 526 1737 18.49 0.382 54.2 60.7 0.333 HP 115.0 7.11 472 1746 16.02 0.333 52.6 57.8 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.75 339 1770 8.53 0.180 39.5 43.7 115.0 6.89 233 1787 1.21 0.026 8.2 29.4		115.0	9.43	817	1684	31.27	0.627	57.2	75.3		
8 AMPS 115.0 8.00 630 1721 23.71 0.486 57.5 68.4 1725 RPM 115.0 7.90 608 1725 22.70 0.466 57.2 67.0 0.45 HP 115.0 7.84 592 1728 21.87 0.450 56.7 65.6 115.0 7.54 526 1737 18.49 0.382 54.2 60.7 0.333 HP 115.0 7.11 472 1746 16.02 0.333 52.6 57.8 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.75 339 1770 8.53 0.180 39.5 43.7 115.0 6.89 233 1787 1.21 0.026 8.2 29.4											
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0.333 HP 115.0 7.11 472 1746 16.02 0.333 52.6 57.8 115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.75 339 1770 8.53 0.180 39.5 43.7 115.0 6.89 233 1787 1.21 0.026 8.2 29.4											
115.0 6.93 439 1755 14.17 0.296 50.3 55.1 115.0 6.75 339 1770 8.53 0.180 39.5 43.7 115.0 6.89 233 1787 1.21 0.026 8.2 29.4											
115.0 6.75 339 1770 8.53 0.180 39.5 43.7 115.0 6.89 233 1787 1.21 0.026 8.2 29.4	0.333 HP										
115.0 6.89 233 1787 1.21 0.026 8.2 29.4											
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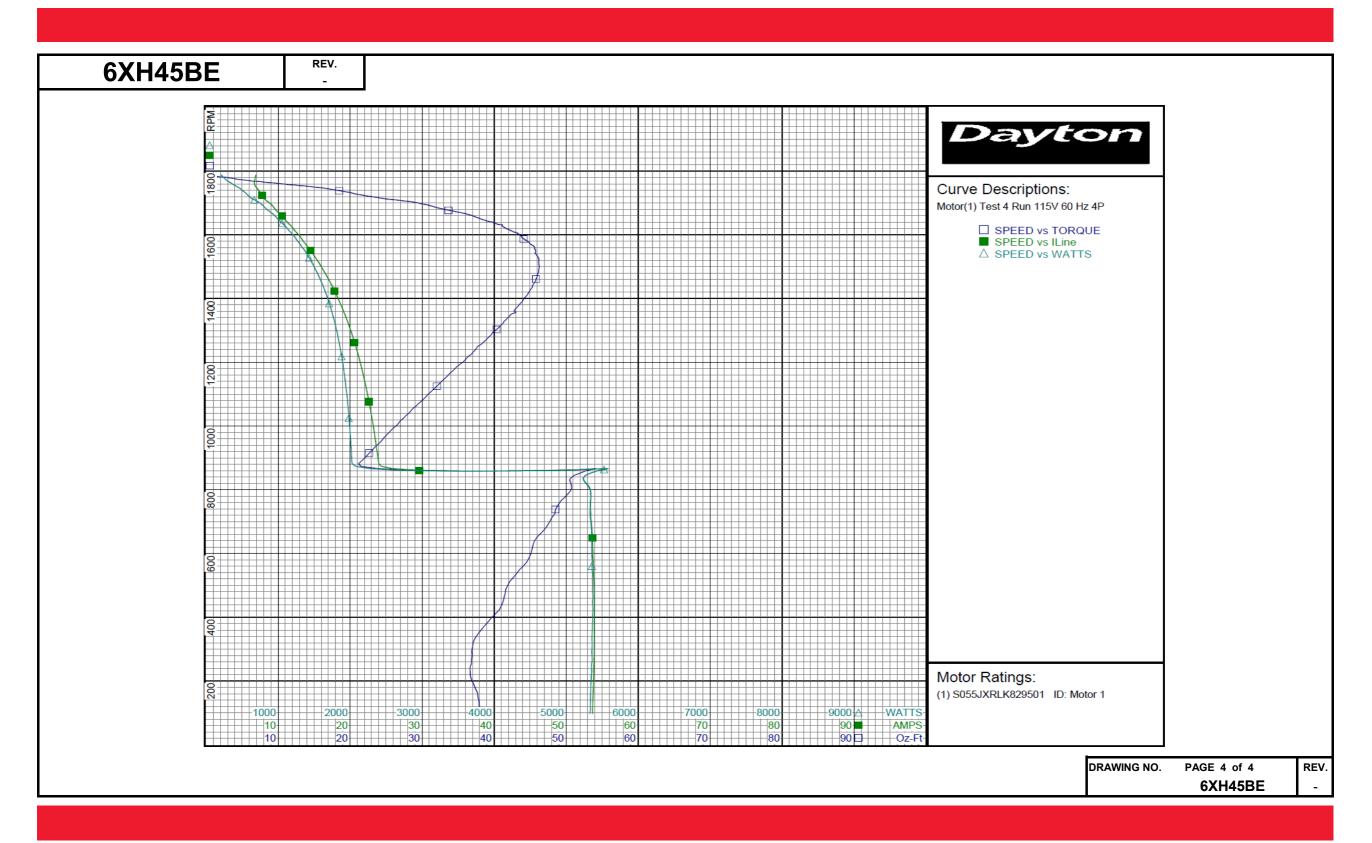






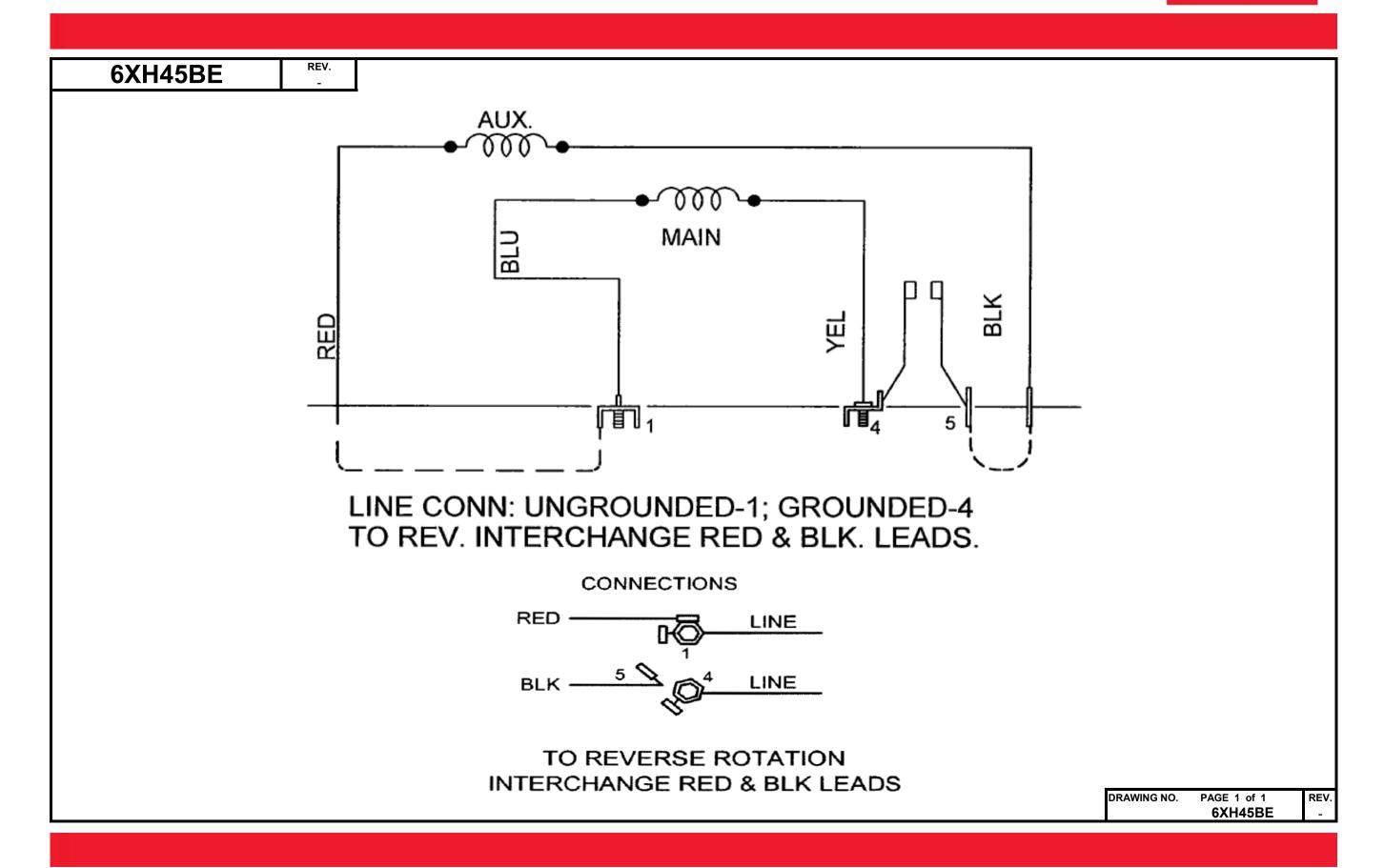
XH45BE	REV.									
				Day	yton Ma	nufactu	ring Cor	npany		
Motor Des	cription	Test Conditions								
Model:	S055JXRLK8	29501		Test Type:	Run		Run Ca	ap:	0	
Motor ID:	Motor 1			Test Number			Start C	_	0µfd	
Poles:	4			Poles:	4				-	
Volts:	115			Volts:	115		Tested	:	1/18/2012 1::	39:07 PM
Frequency:	60			Hz:	60			-		
HP:	1/3			Rotation:			Gear R	atio:	1:1	
Speed:	1725			Special Cond	1:				-0.43 Oz-Ft	
Phase:	1			Speed Conn					:-1.84 Oz-Ft	
Protector:	CEJ51CY			TestBoard:		Performance		go rorquo		
					-					
Special Points	Vline	Iline	Watts		'q(Oz-ft)	HP	Eff(%)	PF(%)		
	115.0 115.0	6.89 6.78	204 263	1788 1775	0.00 4.04	0.000	0.0 24.2	25.7 33.7		
	115.0	6.70	331	1764	8.58	0.180	40.6	43.0		
	115.0	6.86	423	1751	14.32	0.299	52.7	53.6		
0.333 HP	115.0	7.01	457	1747	16.01	0.333	54.3	56.7		
1725 RPM	115.0 115.0	7.37 <b>7.80</b>	517 <b>573</b>	1736 <b>1725</b>	18.92 <b>21.50</b>	0.391 <b>0.442</b>	56.5 <b>57.4</b>	60.9 <b>64.0</b>		
0.45 HP	115.0	7.86	584	1723	21.94	0.450	57.5	64.6		
8 AMPS	115.0	8.00	613	1717	23.76	0.486	59.1	66.6		
	115.0	8.00	613	1717	23.79	0.486	59.1	66.6		
	115.0 115.0	8.79 9.68	745 856	1700 1677	29.46 33.67	0.596 0.672	59.7 58.6	73.7 76.9		
	115.0	10.78	983	1652	37.88	0.745	56.5	79.3		
	115.0	11.95	1111	1623	41.36	0.799	53.7	80.8		
	115.0	13.14	1235	1591	43.86	0.831	50.2	81.7		
	115.0 115.0	14.60 15.57	1373 1462	1549 1515	45.75 46.20	0.844	45.8 42.5	81.8 81.7		
BDT OZ-FT	115.0	15.94	1495	1501	46.28	0.827	41.3	81.6		
	115.0	16.73	1562	1470	45.99	0.805	38.4	81.2		
	115.0 115.0	17.84 18.84	1652 1728	1423 1373	44.92 43.22	0.761 0.706	34.4 30.5	80.5 79.8		
	115.0	19.72	1789	1322	41.24	0.649	27.1	78.9		
	115.0	20.53	1842	1267	38.74	0.584	23.7	78.0		
	115.0	21.25	1886	1211	36.12	0.521	20.6	77.2		
	115.0 115.0	21.90 22.50	1925 1959	1152 1090	33.31 30.45	0.457 0.395	17.7 15.1	76.4 75.7		
	115.0	23.02	1983	1025	27.44	0.335	12.6	74.9		
	115.0	23.50	2008	955	24.44	0.278	10.3	74.3		
	115.0 115.0	23.97 55.85	2028 5548	881 866	21.16 54.10	0.222 0.558	8.2 7.5	73.6 86.4		
	115.0	53.23	5313	808	50.76	0.488	6.9	86.8		
	115.0	53.48	5343	699	47.70	0.397	5.5	86.9		
	115.0 115.0	53.74 53.88	5358 5368	586 475	44.85 41.54	0.313 0.235	4.4 3.3	86.7 86.6		
	115.0	53.88	5362	359	38.17	0.235	2.3	86.5		
	115.0	53.85	5350	242	36.65	0.105	1.5	86.4		
	115.0	53.69	5335	123	37.90	0.055	0.8	86.4		
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## **Wiring Diagram**







**HP**: 1/3

VOLTS: 115

AMPS: 7.0

RPM: 1725

SF: 1.35

**DUTY: CONT** 

KVA CODE: P

Part 6XH45BE SPLIT PHASE MOTOR

**PH**· 1 Any Electrical Connections or Changes HZ: 60

AMR: 40°C SFA: 7.8

FR: 48Z

INS CL: B

**FNCI: ODP** 

BIK

RFD

CONNECTIONS LINE

Disconnect Power Before Making

LINE

PROT. CODE \_\_\_\_\_ MFG. NO. \_\_\_\_ 258501

MTR REF: S55RMP-8322



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

THERMALLY PROTECTED: NONE

TO REVERSE ROTATION

Made in Mexico

INTERCHANGE RED & BLK LEADS E47479