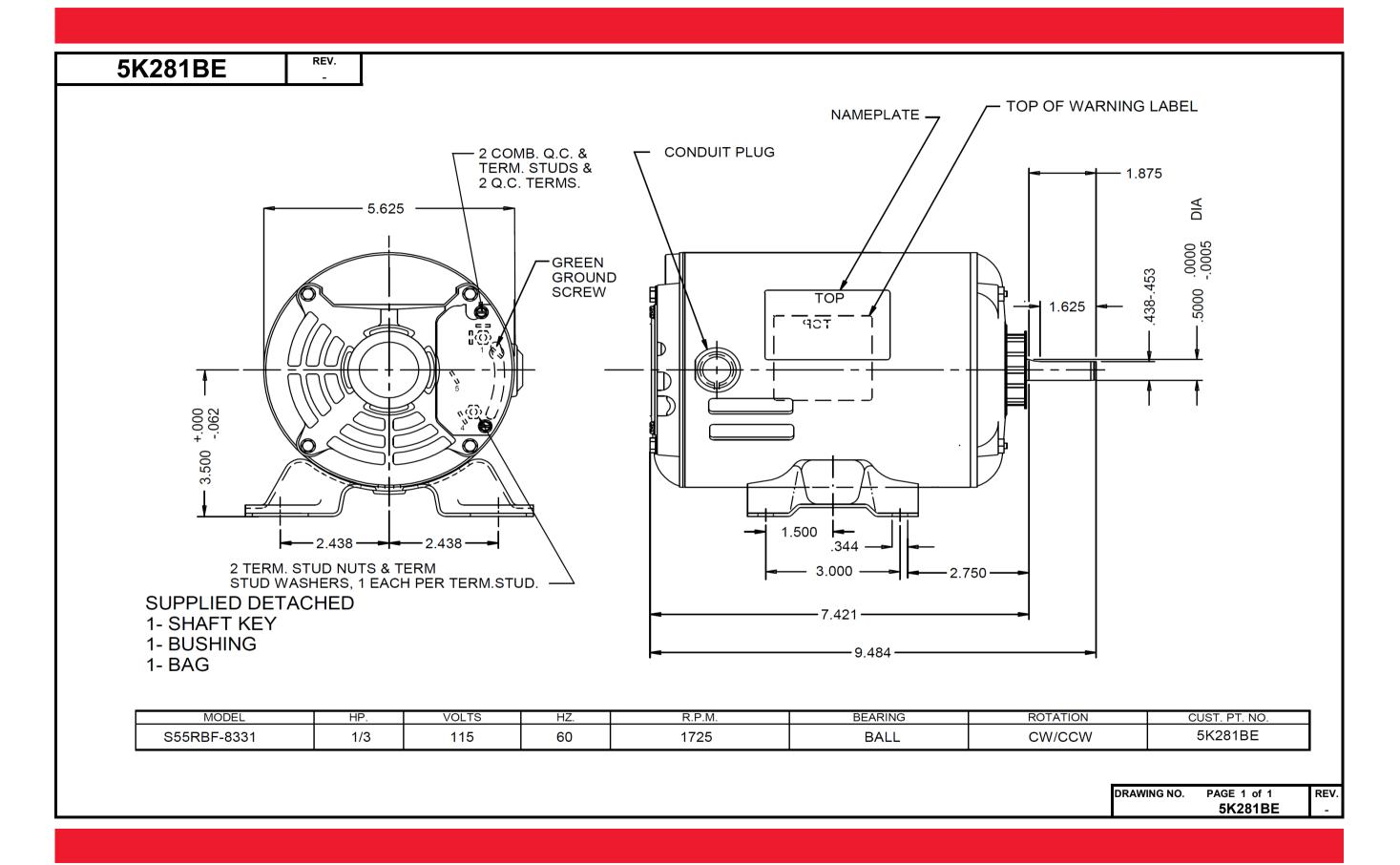
Dimensional Drawing







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Locked Rotor Image: Control of the second secon	/olts: IZ: Efficiency: Power Factor:	 @ Rated Load @ No Load @ Rated Load @ Service Factor 				
Pull-Up Image: Constraint of the second descent fraction Image: Constraint of the second descent fraction Image: Constraint of the second descent fraction Vatts: @ Rated Load Image: Constraint of the second descent fraction Image: Consecond descent fraction Image: Constraint	Volts: HZ: Efficiency: Power Factor: Amps:	 @ Rated Load @ No Load @ Rated Load @ Service Factor @ Locked Rotor 				
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Service Factor Image: Control of the sector /atts: @ Rated Load Image: Control of the sector emperature Rise: @ Rated Load Image: Control of the sector	Volts: HZ: Efficiency: Power Factor: Amps:	 @ Rated Load @ No Load @ Rated Load @ Service Factor @ Locked Rotor BreakDown Locked Rotor 				
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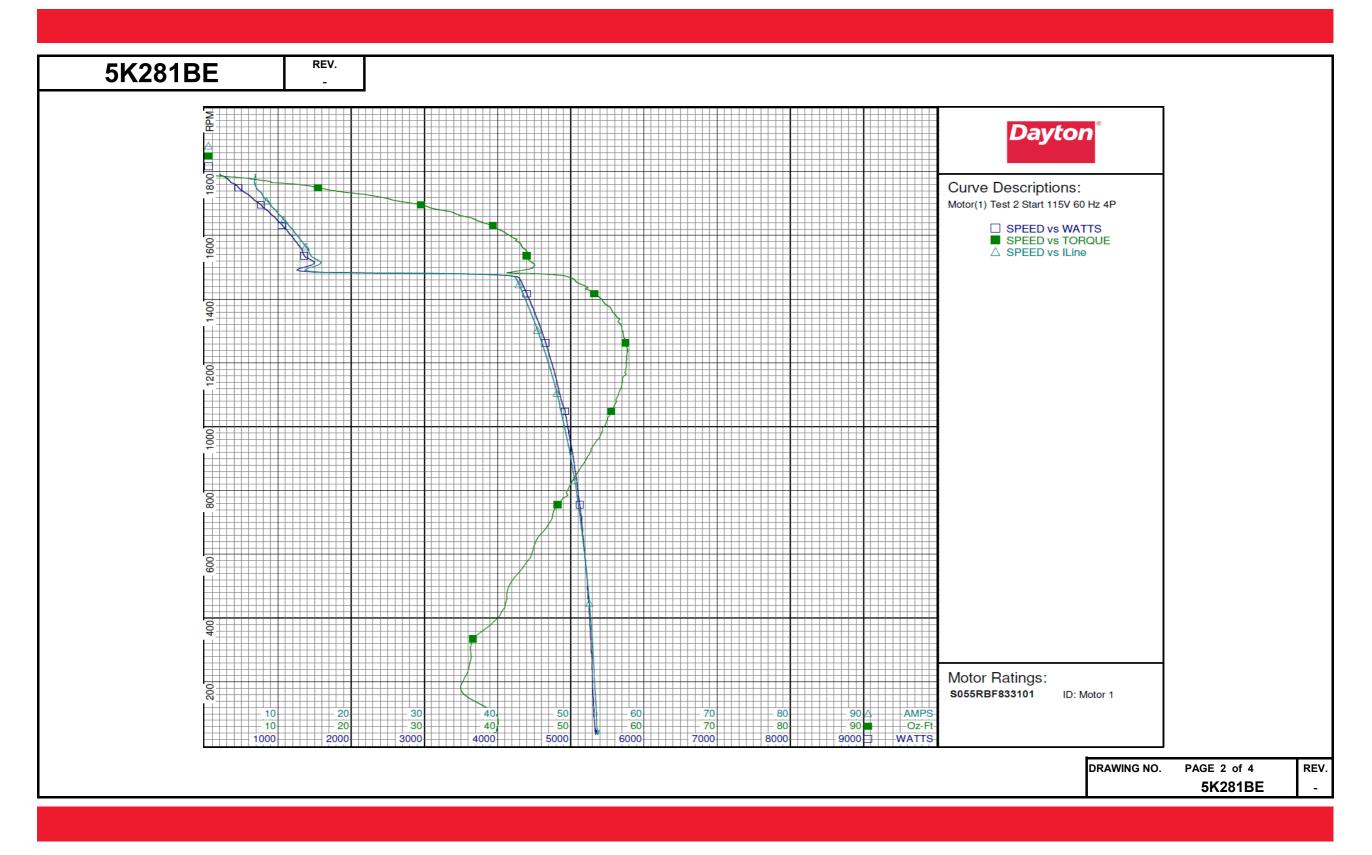


5K281BE	REV. -										
				Day	yton Ma	nufactu	ring Con	npany			
Motor Des	scription					Test Con	ditions				
Model:	S055RBF833	3101		Test Type:	Start	1050 000					
Motor ID:	Motor 1			Test Number							
Poles:	4			Poles:	4		Enviro	nment:	21.4 Deg C 14	4 % RH	999 hPa
Volts:	115			Volts:	115		Tested:		1/18/2012 1:39		
Frequency:	60			Hz:	60		Tested		Sharp, Gerald		
HP:	1/3			Rotation:	00		rested	2).	onap, ooraid		
Speed:	1725			Special Cond	4.		Bearing	Friction.	-0.66 Oz-Ft		
Phase:	1			Speed Conn:					:-1.94 Oz-Ft		
Protector:				TestBoard:		erformance	Fixture #4	ge rorque			
Special Points	Vline(V)	Iline(A)	Watts	RPM 1	'q(Oz-ft)	HP	Eff(%)	PF (%)			
	115.0	53.84	5350	47	39.89	0.022	0.3	86.4			
	115.0 115.0	53.60 53.31	5334 5298	51 174	39.88 34.99	0.024 0.072	0.3	86.5 86.4			
PUT OZ-FT	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			
	115.0 115.0	51.75 51.10	5179 5130	625 745	44.96 47.89	0.334 0.425	4.8 6.2	87.0 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			
	115.0 115.0	48.79 48.02	4931 4838	1034 1113	55.26 56.67	0.680	10.3 11.6	87.9 87.6			
	115.0	47.16	4761	1183	57.53	0.810	12.7	87.8			
	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			
	115.0 115.0	44.59 43.75	4511 4427	1354 1401	55.96 54.10	0.902	14.9 15.2	88.0 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			
	115.0 115.0	15.85 14.02	1497 1317	1515 1558	44.67 43.57	0.806	40.1 45.8	82.1 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			
	115.0 115.0	11.05 10.19	1010 912	1642 1664	37.78 34.69	0.739 0.687	54.6 56.2	79.5 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			
	115.0 115.0	8.02 7.54	634 526	1720 1737	23.91 18.49	0.489 0.382	57.6 54.2	68.8 60.7			
	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			
	115.0 115.0	6.89 6.88	233 206	1787 1791	1.21 0.00	0.026	8.2	29.4 26.1			
										AWING NO.	PAGE 1 of 4
											5K281BE

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Performance Data





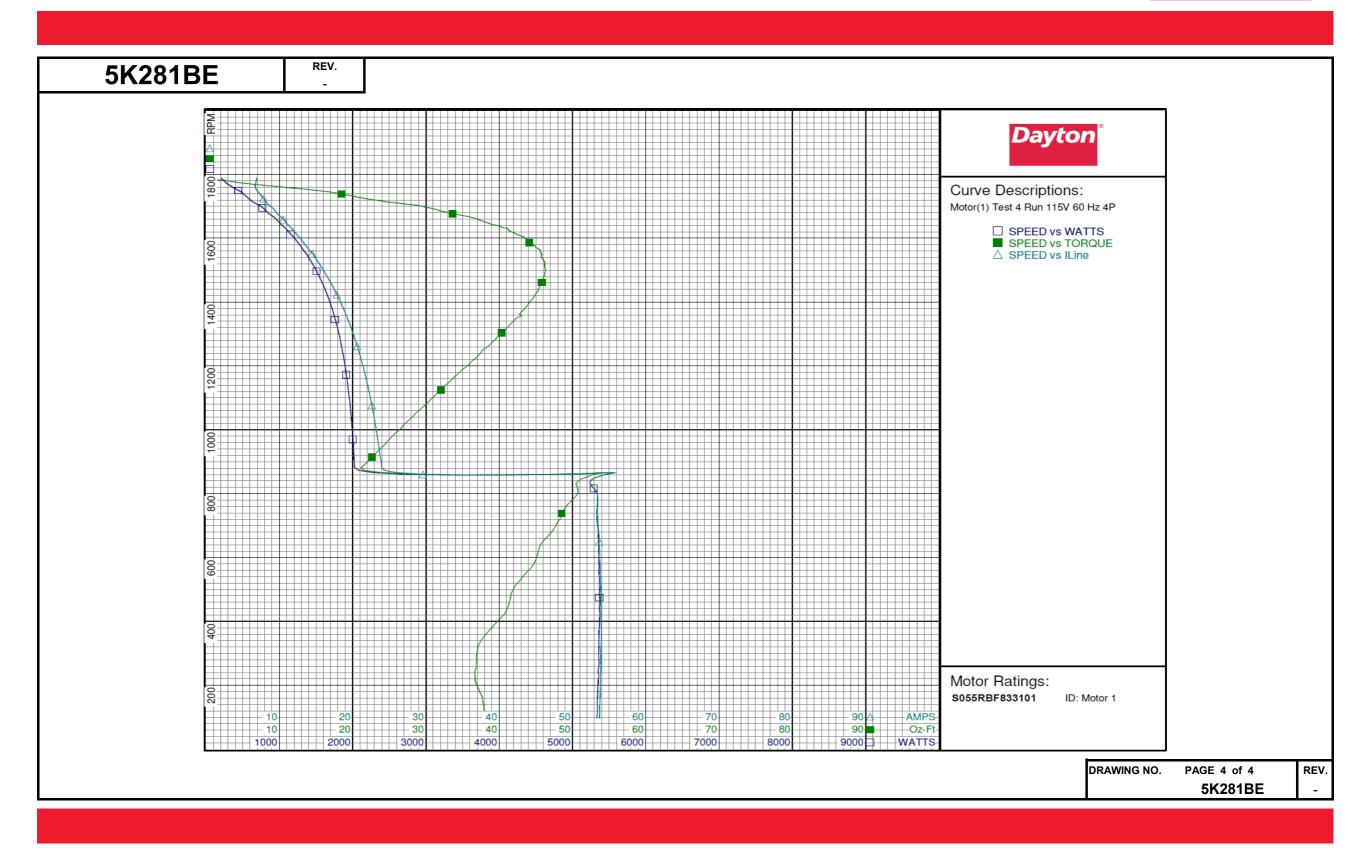


5K281BE	-									
				Da	yton Ma	nufactu	ring Cor	npany		
Motor Des	scription					Test Con	ditions			
Model:	S055RBF83	3101		Test Type:	Run					
Motor ID:	Motor 1			Test Numbe	er: 4					
Poles:	4			Poles:	4		Enviro		21.4 Deg C 14 %	
Volts:	115			Volts:	115		Tested		1/18/2012 1:39:07	PM
Frequency:	60			Hz:	60		Tested	By:	Sharp, Gerald	
HP:	1/3			Rotation:						
Speed:	1725			Special Con					-0.43 Oz-Ft	
Phase:	1			Speed Conn				ge Torque	:-1.84 Oz-Ft	
Protector:				TestBoard:	Amtps P	erformance	Fixture #4			
Special Points	Vline (V)	Iline(A)	Watts		Tq (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	25.7 33.7		
	115.0	6.70	331	1764	8.58	0.180	40.6	43.0		
0.000	115.0	6.86	423	1751	14.32	0.299	52.7	53.6		
0.333 HP	115.0 115.0	7.01 7.37	457 517	1747 1736	16.01 18.92	0.333 0.391	54.3 56.5	56.7 60.9		
1725 RPM	115.0	7.80	573	1725	21.50	0.442	57.4	64.0		
0.45 HP	115.0	7.86	584	1723	21.94	0.450	57.5	64.6		
	115.0 115.0	8.00 8.79	613 745	1717 1700	23.79 29.46	0.486 0.596	59.1 59.7	66.6 73.7		
	115.0	9.68	856	1677	33.67	0.672	58.6	76.9		
	115.0	10.78	983	1652	37.88	0.745	56.5	79.3		
	115.0 115.0	11.95 13.14	1111 1235	1623 1591	41.36 43.86	0.799 0.831	53.7 50.2	80.8 81.7		
	115.0	14.60	1373	1549	45.75	0.844	45.8	81.8		
	115.0	15.57	1462	1515	46.20	0.833	42.5	81.7		
BDT OZ-FT	115.0 115.0	15.94 16.73	1495 1562	1501 1470	46.28 45.99	0.827 0.805	41.3 38.4	81.6 81.2		
	115.0	17.84	1652	1423	44.92	0.761	34.4	80.5		
	115.0	18.84	1728	1373	43.22	0.706	30.5	79.8		
	115.0 115.0	19.72 20.53	1789 1842	1322 1267	41.24 38.74	0.649 0.584	27.1 23.7	78.9 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	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	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	86.7 86.6		
	115.0	53.91	5362	359	38.17	0.163	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		
									DRAWING	GNO. PAGE 3 of 4

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Performance Data





Wiring Diagram



