

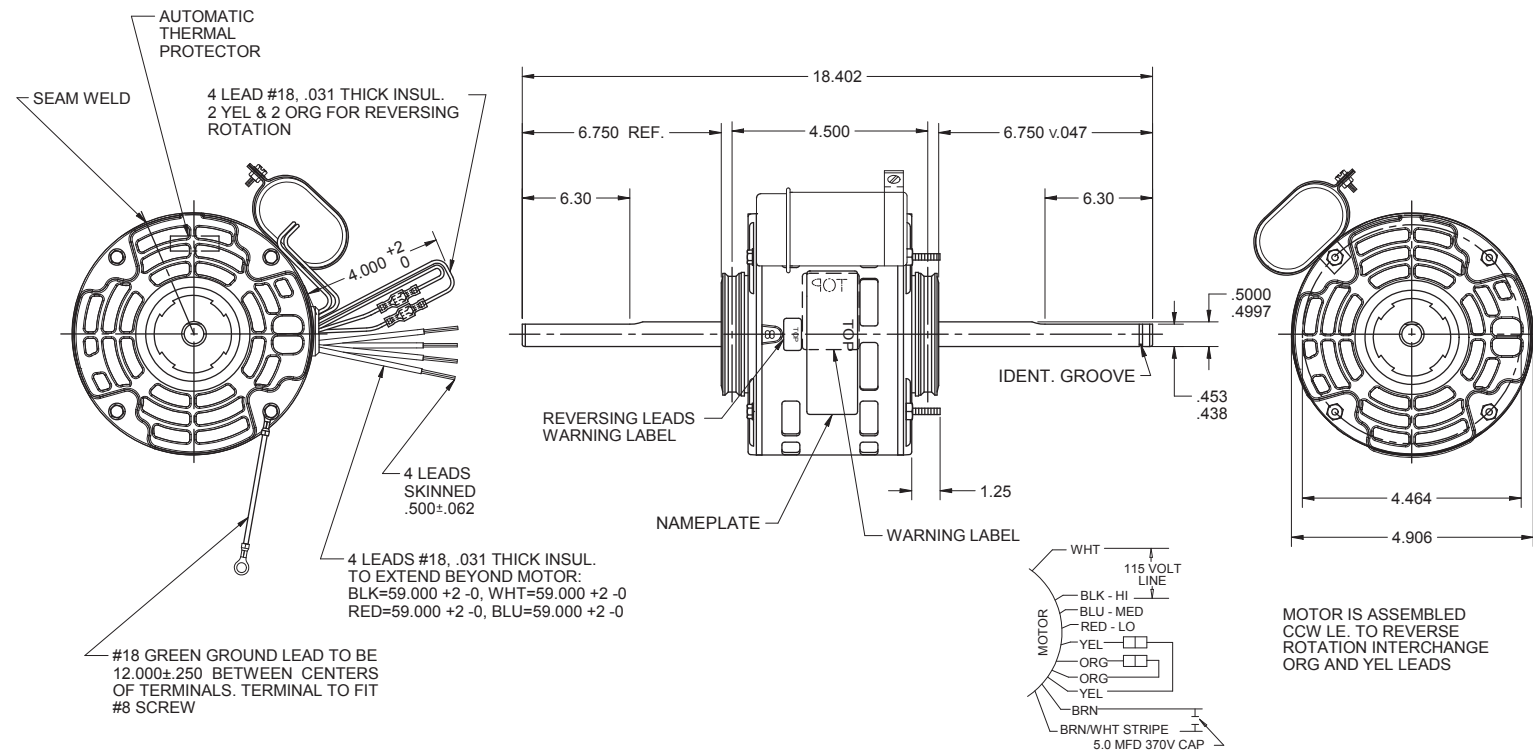
Dimensional Drawing



45EX60BG

REV.
-

MODEL	REF	CUSTOMER	HP	VOLTS	AMPS	HZ	RPM	ROTATION	CUSTOMER PN	DESCRIPTION / REMARKS
K48HXMPW-1173	E42548	GRAINGER	1/10	115	1.5	60	1550	C.CW. LEAD END REV	45EX60	K48, SAB



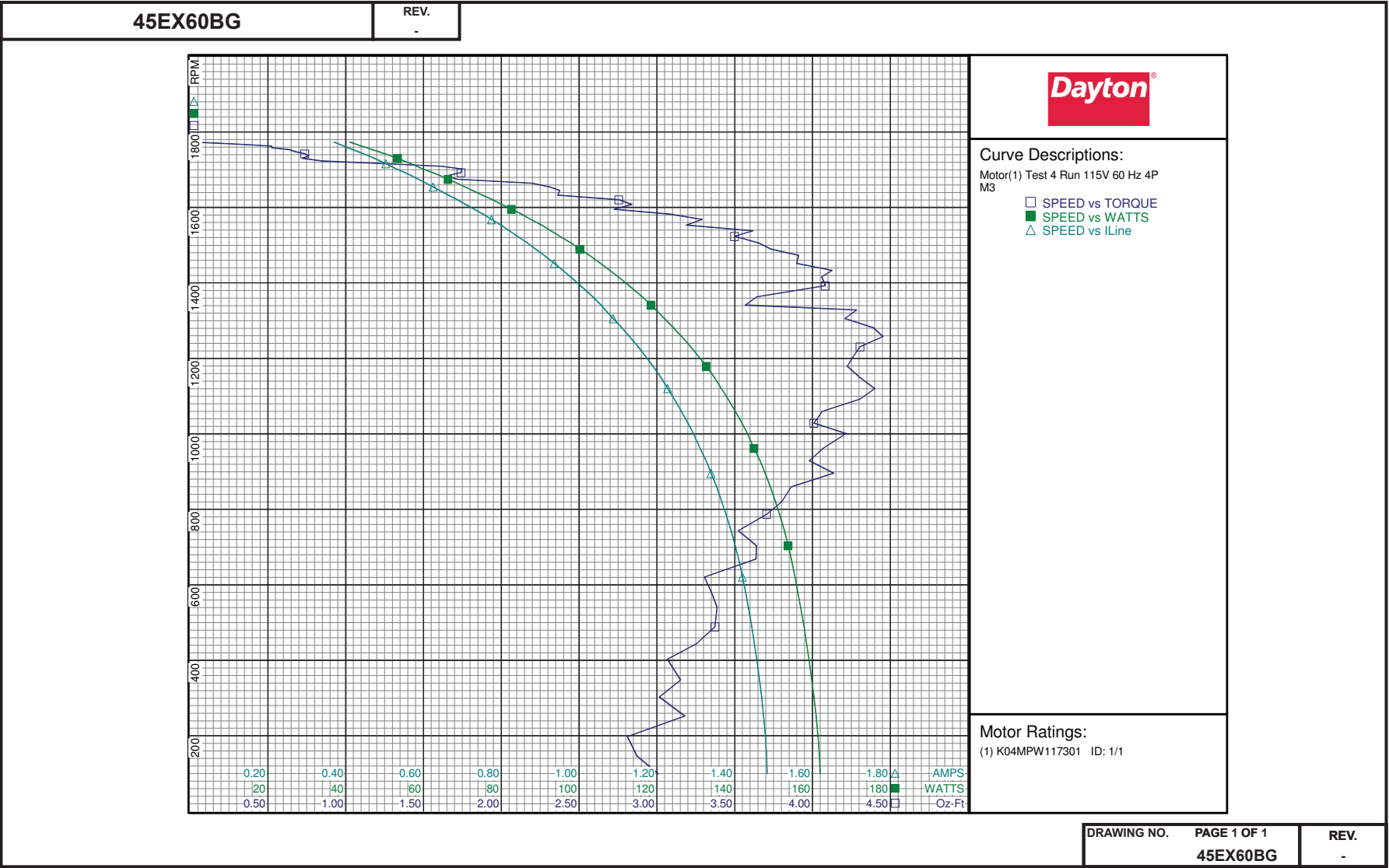
DRAWING CREATED 25-Apr-16

REFER TO S.E.I.M. 24-1

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	45EX60BG	-

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

Performance Curve



Performance Curve



45EX60BG			REV. -							
Dayton Manufacturing Company										
Motor Description				Test Conditions						
Model:	K04MPW117301			Test Type:	Run	Run Cap:	0			
Motor ID:	1/1			Test Number:	4	Start Cap:	0µfd			
Poles:	4			Poles:	4	Environment:	24.2 Deg C 27 % RH 967 hPa			
Volts:	115			Volts:	115	Tested:	2/11/2016 4:51:32 PM			
Frequency:	60			Hz:	60	Tested By:	Navarro, Susana			
HP:	1/10			Rotation:		Gear Ratio:	1:1			
Speed:	1550			Special Cond:		Bearing Friction:	-0.56 Oz-Ft			
Phase:	1			Speed Conn:	M3	Windage Torque:	-0.97 Oz-Ft			
Protector:	7AM036-A5			TestBoard:	CMD InLine Three Phase #2 Fixture #1					
Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)
	115.0	207.4	237.8	0.369	40.95	1773	0.000	0.000	0.0	96.4
	115.0	205.6	235.5	0.386	42.96	1766	0.362	0.008	13.2	96.8
	115.0	203.6	232.6	0.406	45.39	1758	0.524	0.011	18.0	97.2
	115.0	200.9	228.8	0.431	48.40	1747	0.677	0.014	21.7	97.5
	115.0	197.7	224.6	0.458	51.50	1736	0.760	0.016	22.8	97.8
	115.0	193.7	219.8	0.488	54.93	1723	0.848	0.017	23.6	97.9
	115.0	189.9	215.5	0.517	58.23	1709	1.616	0.033	42.1	98.0
	115.0	185.8	210.8	0.552	62.28	1692	1.741	0.035	42.0	98.1
	115.0	181.1	205.7	0.587	66.30	1674	1.715	0.034	38.5	98.3
	115.0	176.5	201.0	0.625	70.68	1654	2.312	0.046	48.1	98.3
	115.0	171.8	196.1	0.664	75.16	1632	2.363	0.046	45.6	98.4
	115.0	166.8	191.2	0.708	80.05	1608	2.838	0.054	50.6	98.4
	115.0	161.3	185.9	0.753	85.19	1582	3.083	0.058	50.8	98.4
	115.0	156.0	180.8	0.799	90.34	1553	3.189	0.059	48.7	98.3
1550 RPM	115.0	155.5	180.4	0.803	90.80	1550	3.270	0.060	49.5	98.3
	115.0	151.0	176.3	0.841	95.01	1523	3.499	0.063	49.8	98.2
	115.0	145.3	171.4	0.888	100.20	1489	3.733	0.066	49.3	98.1
	115.0	139.2	166.4	0.936	105.47	1451	3.897	0.067	47.6	98.0
	115.0	133.9	162.2	0.978	110.07	1416	4.058	0.068	46.3	97.9
	115.0	126.6	156.8	1.035	116.20	1363	3.641	0.059	37.9	97.7
	115.0	122.3	153.7	1.067	119.70	1328	4.283	0.068	42.2	97.5
	115.0	116.6	150.0	1.109	124.22	1281	4.391	0.067	40.2	97.4
BDT OZ-FT	115.0	113.9	148.3	1.129	126.31	1258	4.452	0.067	39.4	97.3
	115.0	110.8	146.4	1.151	128.64	1230	4.305	0.063	36.6	97.2
	115.0	105.5	143.3	1.190	132.67	1179	4.223	0.059	33.3	97.0
	115.0	100.0	140.6	1.228	136.57	1120	4.400	0.059	32.0	96.7
	115.0	95.0	138.3	1.263	140.13	1060	4.062	0.051	27.3	96.5
	115.0	90.2	136.4	1.293	143.23	1000	4.216	0.050	26.1	96.3
	115.0	85.0	134.5	1.326	146.48	928	3.979	0.044	22.4	96.1
	115.0	80.4	133.0	1.353	149.12	859	3.862	0.040	19.8	95.8
	115.0	76.0	131.8	1.377	151.49	787	3.706	0.035	17.1	95.6
	115.0	71.1	130.5	1.401	153.74	704	3.638	0.030	14.8	95.4
	115.0	66.5	129.6	1.420	155.48	621	3.305	0.024	11.7	95.2
	115.0	62.6	129.5	1.435	156.90	540	3.386	0.022	10.4	95.1
	115.0	58.9	129.9	1.450	158.43	444	3.254	0.017	8.1	95.0
	115.0	55.7	130.6	1.463	159.79	348	3.152	0.013	6.1	95.0
	115.0	52.8	131.2	1.474	160.91	252	3.178	0.010	4.4	94.9
	115.0	49.5	132.1	1.482	161.74	146	2.871	0.005	2.3	94.9
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Wiring Diagram

