

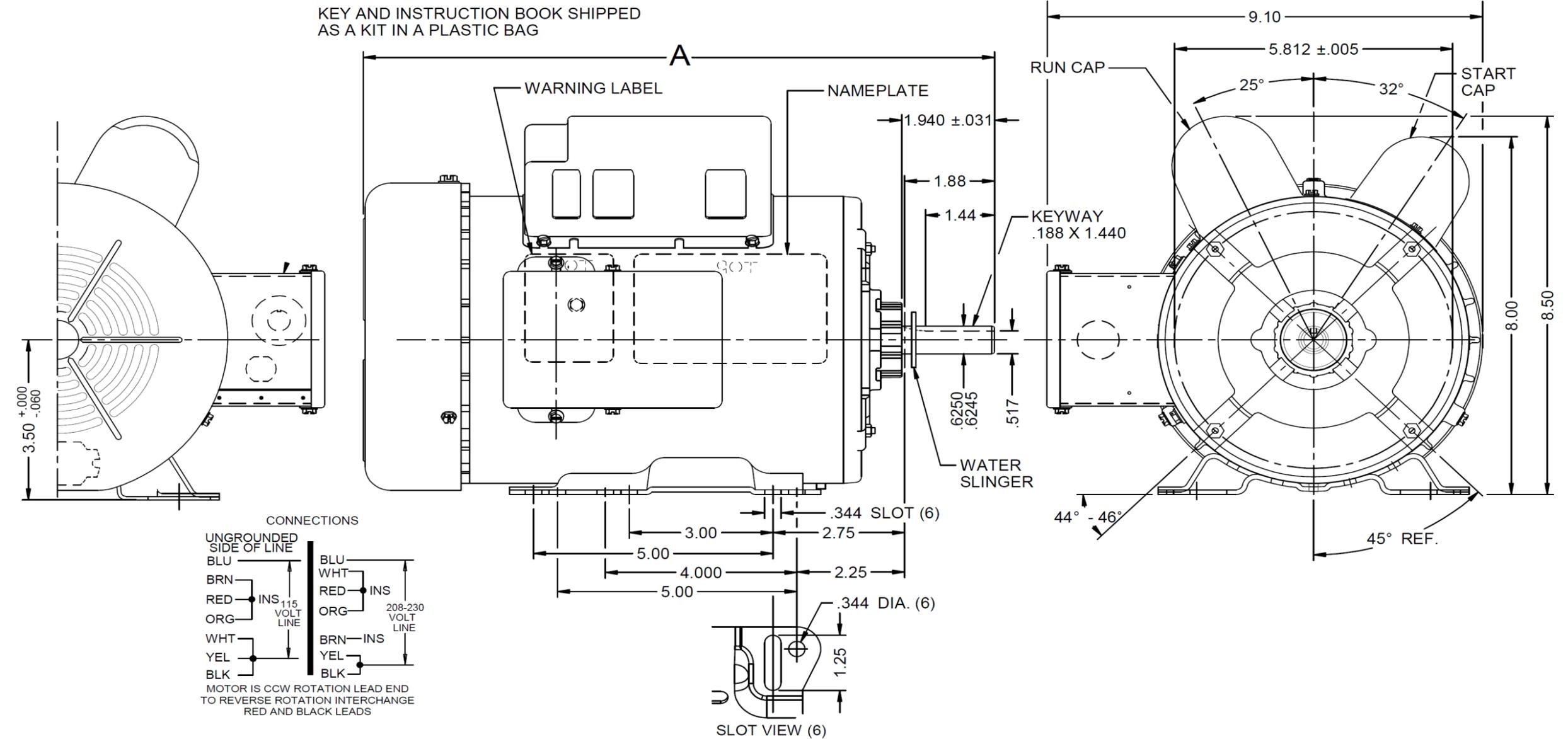
Dimensional Drawing



6XJ53BG REV. -

VAR	MODEL	CUST. PT. NO.	A	B	C	D	HP	VOLTS	SF	AMPS	HZ	RPM	CONN VOLTS	PROT.	DESCRIPTION / REMARKS
001	T63CXZR-2279	6XJ53BG	12.89	-----	-----	-----	1.5	115/208-230	1.0	14.6/8.1-7.4	60	3450	---	AUTO	56H, TEFC, BALL BEARING

KEY AND INSTRUCTION BOOK SHIPPED AS A KIT IN A PLASTIC BAG



DRAWING NO. PAGE 1 of 1 REV. -
6XJ53BG

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

©2019 W.W. Grainger, Inc. This design may not be reproduced, modified or redistributed without written permission from W.W. Grainger, Inc.

Performance Data



6XJ53BG

REV.
-

MOTOR PERFORMANCE

HP:	1 1/2						
Poles:	2						
No. of Speeds:	1						
Volts:	115/208-230	115	208	230			
HZ:	60	60	60	60			
Service Factor:	1						
Efficiency:	@ Rated Load	76.3	81.3	80.4			
Power Factor:	@ Rated Load	92.9	93.7	92.0			
Amps:	@ No Load						
	@ Rated Load	13.8	7.1	6.6			
	@ Service Factor	N/A	N/A	N/A			
	@ Locked Rotor	85	38.5	42.5			
RPM:	@ Rated Load	3497	3476	3500			
Ambient (°C):	40						
Altitude (FASL):							
Torques:	Breakdown	92.7	74.5	92.6			
	Locked Rotor	84.3	64.3	78.5			
	Pull-Up	74.1	54.7	68.9			
	Rated Load	36	36.3	36			
	Service Factor	N/A	N/A	N/A			
Watts:	Rated Load	1469	1377	1396			
KVA Code:	H	H	F	H			
Temperature Rise:	@ Rated Load	51.4	51.2	50.1			
	@ Service Factor	N/A	N/A	N/A			
Thermal Protector:	Trip Temp (°C)	114.9	118.1	117.5			
Winding Material:	Start (Auxiliary)	Cu	Cu	Cu			
	Run (Main)	Cu	Cu	Cu			
Capacitor(s):	Start (MFD / Volts)	519 mFd, 110V					
	No. of Start Capacitors						
	Run (MFD / Volts)	30 mFd, 370V					
	No. of Run Capacitors						

LOW SPEED PERFORMANCE DATA:

HP:							
Poles:							
Volts:							
HZ:							
Efficiency:	@ Rated Load						
Power Factor:	@ Rated Load						
Amps:	@ No Load						
	@ Rated Load						
	@ Service Factor						
	@ Locked Rotor						
Torques:	Bead Down						
	Locked Rotor						
	Pull-Up						
	Rated Load						
	Service Factor						
Watts:	@ Rated Load						
Temperature Rise:	@ Rated Load						
	@ Service Factor						

DRAWING NO. PAGE 1 of 1 REV.
6XJ53BG -

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

Performance Data



6XJ53BG REV.
-

Dayton Manufacturing Company

Motor Description

Model: T063CXCZR227901 6XJ53BG
 Motor ID: 1 of 3
 Poles: 2
 Volts: 115/208-230
 Frequency: 60
 HP: 1 1/2
 Speed: 3450
 Phase: 1
 Protector: CEJ49CV

Test Conditions

Test Type: Start
 Test Number: 1
 Poles: 2
 Volts: 115
 Hz: 60
 Rotation:
 Special Cond:
 Speed Conn: 3 line
 TestBoard: Amtps Performance Fixture #1
 Run Cap: 30 µFd
 Start Cap: 519 µFd
 Environment:
 Tested: 6/22/2005 1:22:10 PM
 Tested By: Sharp, Gerald
 Gear Ratio: 1:1
 Bearing Friction: -0.56 Oz-Ft
 Windage Torque: -3.37 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Imain (A)	Iaux (A)	Watts	RPM	Tq (Oz-ft)	HP	Eff (%)	PF (%)	Cap
	115.0	97.1	121.1	85.33	80.82	25.64	8090	11	84.34	0.011	0.1	82.4	561.5
	115.0	97.2	120.3	85.03	80.33	25.46	8067	81	82.87	0.080	0.7	82.5	561.5
PUT OZ-FT	115.0	98.4	117.9	85.20	80.05	24.93	8079	310	74.11	0.274	2.5	82.5	561.0
	115.0	98.7	117.2	85.15	79.86	24.79	8077	365	75.30	0.327	3.0	82.5	561.0
	115.0	100.4	114.5	84.94	78.89	24.22	8098	638	81.09	0.616	5.7	82.9	561.2
	115.0	102.3	112.0	84.59	77.77	23.65	8113	889	88.73	0.939	8.6	83.4	560.2
	115.0	104.5	109.1	84.21	76.55	23.00	8126	1121	95.76	1.278	11.7	83.9	559.4
	115.0	107.3	106.2	83.88	75.17	22.42	8170	1336	102.26	1.626	14.8	84.7	560.0
	115.0	110.3	104.1	83.56	73.87	21.91	8204	1535	109.68	2.004	18.2	85.4	558.4
	115.0	113.9	101.7	83.14	72.39	21.41	8241	1720	114.91	2.353	21.3	86.2	558.1
	115.0	117.5	99.7	82.66	70.82	20.94	8270	1892	120.26	2.708	24.4	87.0	557.0
	115.0	121.7	98.0	82.14	69.19	20.55	8302	2050	126.18	3.080	27.7	87.9	556.3
	115.0	126.3	96.5	81.60	67.49	20.24	8338	2197	130.59	3.416	30.6	88.8	556.3
	115.0	131.3	95.5	81.04	65.74	20.02	8361	2333	134.13	3.726	33.2	89.7	556.0
	115.0	136.7	95.2	80.49	64.08	19.92	8388	2458	137.44	4.022	35.8	90.6	554.8
	115.0	143.1	95.7	79.92	62.35	19.98	8415	2573	138.62	4.246	37.6	91.6	554.0
	115.0	149.0	96.2	79.28	60.49	20.16	8431	2681	140.05	4.471	39.6	92.5	555.7
	115.0	156.1	97.9	78.68	58.83	20.53	8455	2779	139.95	4.629	40.8	93.5	556.3
	115.0	163.2	100.2	78.09	57.23	21.05	8464	2869	138.44	4.728	41.7	94.3	557.0
	115.0	170.2	103.2	77.51	55.73	21.72	8461	2951	134.59	4.728	41.7	94.9	558.4
	115.0	177.6	107.0	76.94	54.33	22.58	8462	3024	129.49	4.662	41.1	95.6	559.4
	115.0	185.5	112.0	76.30	52.87	23.70	8449	3094	123.78	4.558	40.2	96.3	561.1
	115.0	193.0	117.4	75.61	51.41	24.92	8433	3156	119.75	4.499	39.8	97.0	563.1
	115.0	201.0	123.5	74.84	49.94	26.37	8409	3215	109.34	4.185	37.1	97.7	566.4
	115.0	208.5	130.1	73.96	48.52	27.91	8353	3269	92.37	3.595	32.1	98.2	568.9
	115.0	215.5	136.5	72.98	47.08	29.45	8281	3319	88.84	3.510	31.6	98.7	572.4
	115.0	222.3	142.9	71.86	45.66	31.07	8190	3365	66.53	2.665	24.3	99.1	576.9
	115.0	228.7	149.1	70.59	44.21	32.67	8068	3408	58.04	2.355	21.8	99.4	581.2
	115.0	234.1	154.9	69.22	42.84	34.17	7931	3446	41.74	1.712	16.1	99.6	585.4
	115.0	239.8	160.8	67.46	41.24	35.82	7749	3487	18.02	0.748	7.2	99.9	590.9
	115.0	244.4	166.2	65.67	39.81	37.32	7541	3524	1.20	0.050	0.5	99.8	595.8
	115.0	244.9	166.4	65.45	39.66	37.46	7527	3529	0.00	0.000	0.0	100.0	597.2

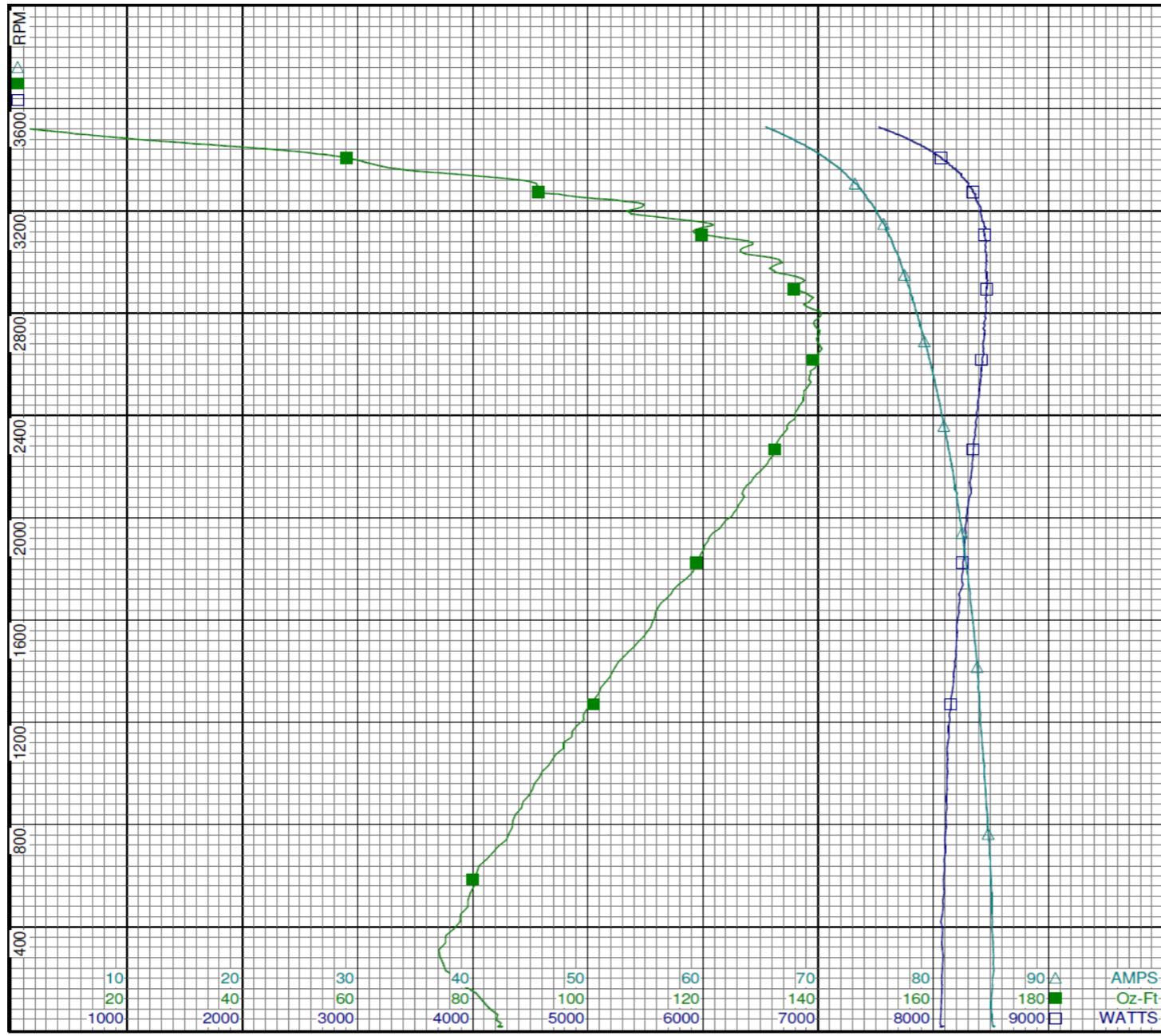
DRAWING NO. PAGE 1 of 8 REV.
6XJ53BG -

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

Performance Data



6XJ53BG REV. -



Dayton

Curve Descriptions:
 Motor(1) Test 1 Start 115V 60 Hz 2P
 3 line

- SPEED vs WATTS
- SPEED vs TORQUE
- △ SPEED vs ILine

Motor Ratings:
 T063CXCZR227901 6XJ53BG

DRAWING NO.	PAGE 2 of 8	REV.
6XJ53BG		-

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

Performance Data



6XJ53BG	REV. -
----------------	------------------

Dayton Manufacturing Company

Motor Description

Model: T063CXCZR227901 6XJ53BG
 Motor ID: 1 of 3
 Poles: 2
 Volts: 115/208-230
 Frequency: 60
 HP: 1 1/2
 Speed: 3450
 Phase: 1
 Protector: CEJ49CV

Test Conditions

Test Type: Run
 Test Number: 2
 Poles: 2
 Volts: 115
 Hz: 60
 Rotation:
 Special Cond:
 Speed Conn: 3 Line
 TestBoard: Amtps Performance Fixture #1
 Run Cap: 30 µFd
 Start Cap: 519 µFd
 Environment:
 Tested: 6/22/2005 1:21:03 PM
 Tested By: Sharp, Gerald
 Gear Ratio: 1:1
 Bearing Friction: -0.33 Oz-Ft
 Windage Torque: -3.31 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Imain (A)	Iaux (A)	Watts	RPM	Tq(Oz-ft)	HP	Eff (%)	PF (%)	Cap
9.12 OZ-FT	115.0	153.0	194.5	4.21	5.36	2.195	183	3591	0.00	0.000	0.0	37.8	29.9
	115.0	150.5	188.7	5.77	5.87	2.128	485	3568	9.12	0.387	59.3	73.0	29.9
	115.0	149.8	184.6	7.70	7.26	2.097	754	3552	15.98	0.676	66.8	85.2	30.1
18.24 OZ-FT	115.0	148.9	183.4	8.28	7.75	2.085	826	3547	18.24	0.770	69.6	86.7	30.2
27.36 OZ-FT	115.0	146.2	178.0	11.03	10.23	2.029	1157	3522	27.36	1.147	74.0	91.2	30.2
	115.0	145.0	175.8	12.17	11.31	2.004	1290	3511	31.10	1.300	75.2	92.2	30.2
1.5 HP	115.0	143.1	172.8	13.76	12.84	1.968	1469	3497	36.03	1.500	76.2	92.8	30.2
36.48 OZ-FT	115.0	143.0	172.7	13.90	12.98	1.966	1485	3496	36.48	1.518	76.3	92.9	30.2
41.95 OZ-FT	115.0	141.0	169.1	15.67	14.73	1.928	1683	3481	41.95	1.738	77.1	93.4	30.2
	115.0	139.8	167.0	16.68	15.72	1.906	1793	3472	45.10	1.864	77.5	93.5	30.3
45.6 OZ-FT	115.0	139.6	166.8	16.81	15.85	1.904	1807	3471	45.60	1.884	77.8	93.4	30.3
3450 RPM	115.0	136.9	162.7	18.97	18.01	1.861	2038	3450	52.91	2.173	79.5	93.4	30.3
	115.0	134.4	159.2	20.90	19.95	1.820	2242	3430	58.59	2.392	79.6	93.3	30.3
	115.0	128.5	150.8	25.04	24.15	1.731	2678	3387	66.24	2.671	74.4	93.0	30.4
	115.0	123.0	143.6	29.13	28.31	1.650	3083	3340	70.45	2.801	67.8	92.0	30.5
	115.0	116.8	135.8	33.22	32.48	1.562	3475	3289	83.19	3.258	69.9	91.0	30.5
	115.0	110.8	129.1	37.10	36.45	1.490	3816	3237	81.35	3.134	61.3	89.4	30.6
	115.0	104.5	122.3	41.09	40.52	1.418	4156	3176	88.70	3.354	60.2	88.0	30.8
BDT OZ-FT	115.0	98.5	116.7	44.58	44.11	1.361	4433	3116	92.70	3.439	57.9	86.5	31.0
	115.0	98.5	116.7	44.58	44.11	1.361	4433	3116	92.70	3.439	57.9	86.5	31.0
	115.0	92.2	111.1	48.13	47.84	1.303	4701	3047	89.97	3.264	51.8	84.9	31.1
	115.0	85.8	106.2	51.54	51.33	1.253	4933	2971	89.06	3.150	47.6	83.2	31.3
	115.0	79.7	102.4	54.80	54.71	1.211	5130	2891	87.53	3.012	43.8	81.4	31.4
	115.0	73.8	99.4	57.76	57.76	1.179	5296	2804	85.23	2.845	40.1	79.7	31.5
	115.0	67.9	97.0	60.56	60.64	1.152	5427	2708	80.24	2.587	35.6	77.9	31.5
	115.0	62.1	95.5	63.21	63.39	1.137	5538	2604	76.03	2.356	31.7	76.2	31.6
	115.0	56.7	94.8	65.60	65.86	1.131	5625	2491	70.16	2.080	27.6	74.6	31.6
	115.0	51.4	94.7	67.81	68.16	1.135	5685	2369	64.49	1.819	23.9	72.9	31.8
	115.0	46.4	95.2	69.81	70.23	1.133	5731	2237	58.06	1.546	20.1	71.4	31.6
	115.0	41.5	95.7	71.51	71.96	1.140	5766	2094	51.72	1.289	16.7	70.1	31.6
	115.0	36.7	97.1	73.19	73.71	1.154	5772	1940	45.50	1.051	13.6	68.6	31.5
	115.0	32.5	98.9	74.60	75.23	1.175	5781	1774	38.43	0.812	10.5	67.4	31.5
	115.0	28.3	100.7	75.84	76.53	1.200	5771	1596	31.84	0.605	7.8	66.2	31.6
	115.0	24.5	102.6	76.95	77.69	1.221	5765	1405	24.81	0.415	5.4	65.2	31.6
	115.0	20.3	104.6	77.84	78.64	1.224	5749	1201	18.17	0.260	3.4	64.2	31.0
	115.0	16.1	107.8	78.44	79.27	1.260	5738	980	13.17	0.154	2.0	63.6	31.0
	115.0	13.0	110.3	79.01	79.90	1.290	5731	747	4.81	0.043	0.6	63.1	31.0
	115.0	10.1	112.6	79.34	80.28	1.308	5721	507	-2.35	-0.014	0.0	62.7	30.8
PUT OZ-FT	115.0	8.2	114.4	79.41	80.36	1.328	5709	322	-5.66	-0.022	0.0	62.5	30.8
	115.0	7.6	114.9	79.41	80.38	1.332	5704	242	-5.06	-0.015	0.0	62.5	30.8

DRAWING NO.	PAGE 3 of 8	REV.
	6XJ53BG	-

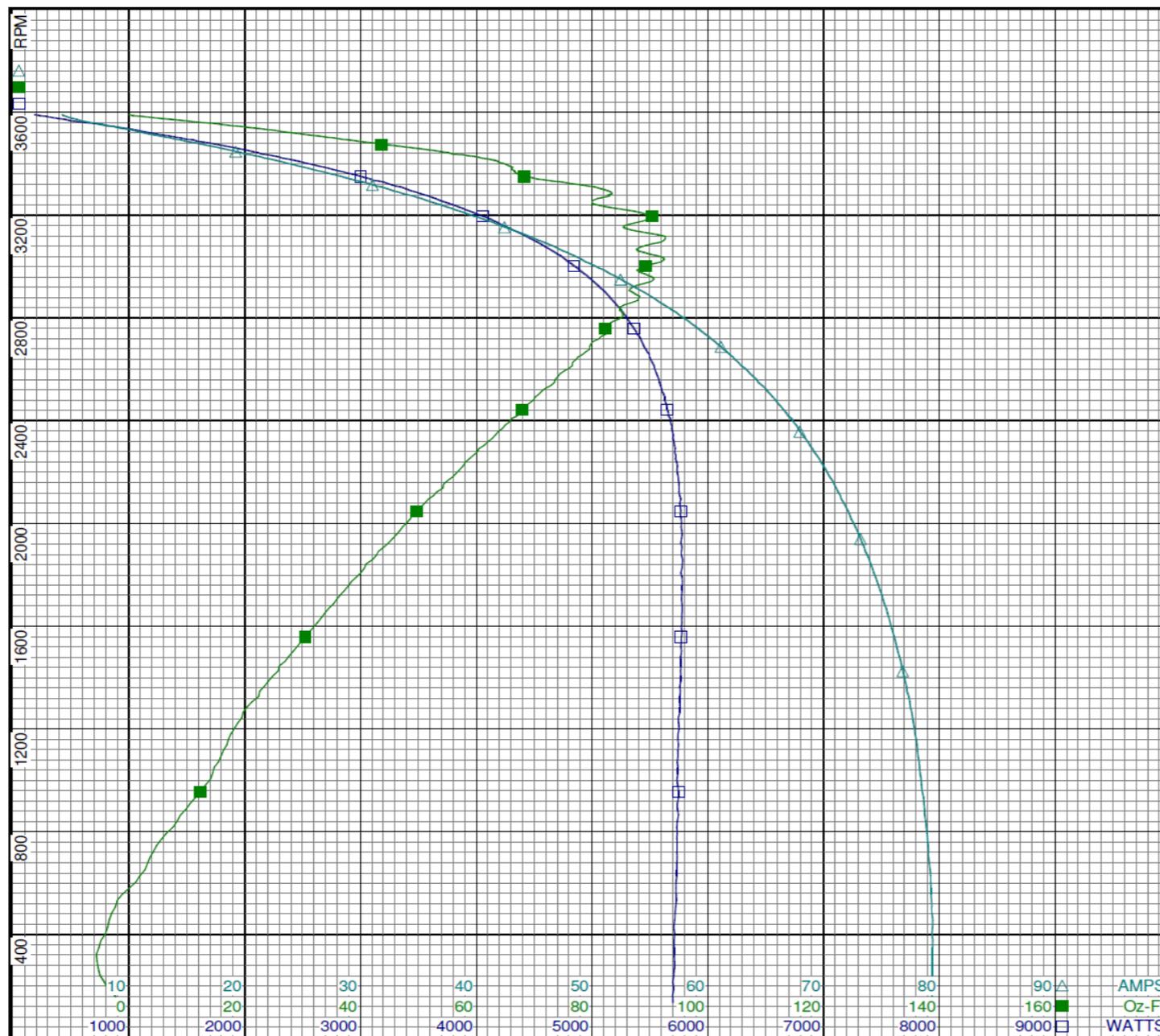


Dayton Electric Mfg. Co. Lake Forest, IL 60045 USA

Performance Data



6XJ53BG REV. -



Dayton

Curve Descriptions:
 Motor(1) Test 2 Run 115V 60 Hz 2P
 3 Line

- SPEED vs WATTS
- SPEED vs TORQUE
- △ SPEED vs ILine

Motor Ratings:
 T063CXCZR227901 6XJ53BG

DRAWING NO.	PAGE 4 of 8	REV.
6XJ53BG		-

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

Performance Data



6XJ53BG REV.
-

Dayton Manufacturing Company

Motor Description

Model: T063CXCZR227901 6XJ53BG
 Motor ID: 1 of 3
 Poles: 2
 Volts: 115/208-230
 Frequency: 60
 HP: 1 1/2
 Speed: 3450
 Phase: 1
 Protector: CEJ49CV

Test Conditions

Test Type: Start
 Test Number: 9
 Poles: 2
 Volts: 230
 Hz: 60
 Rotation:
 Special Cond:
 Speed Conn: 3 line
 TestBoard: Amtps Performance Fixture #1
 Run Cap: 30 µFd
 Start Cap: 519 µFd
 Environment:
 Tested: 6/22/2005 10:12:23 AM
 Tested By: Sharp, Gerald
 Gear Ratio: 1:1
 Bearing Friction: -0.80 Oz-Ft
 Windage Torque: -3.64 Oz-Ft

Special Points	Vline(V)	Vaux(V)	Vcap(V)	Iline(A)	Imain(A)	Iaux(A)	Watts	RPM	Tq(Oz-ft)	HP	Eff(%)	PF(%)	Cap
	230.0	186.4	109.8	43.22	40.94	23.10	7948	8	78.53	0.008	0.1	80.0	558.1
	230.0	187.2	108.9	43.11	40.66	22.94	7928	81	79.40	0.077	0.7	80.0	558.8
PUT OZ-FT	230.0	189.4	106.6	43.04	40.18	22.44	7908	310	68.85	0.254	2.4	79.9	558.2
	230.0	189.9	106.1	43.02	39.97	22.31	7914	364	69.58	0.302	2.8	80.0	557.6
	230.0	193.9	103.5	42.92	38.99	21.74	7934	637	77.30	0.586	5.5	80.4	557.2
	230.0	197.4	101.0	42.73	37.94	21.21	7953	888	84.46	0.893	8.4	80.9	557.0
	230.0	201.2	98.4	42.49	36.79	20.62	7966	1120	90.97	1.213	11.4	81.5	555.7
	230.0	205.7	96.1	42.32	35.52	20.11	8001	1335	97.26	1.546	14.4	82.2	555.1
	230.0	210.0	94.3	42.08	34.17	19.70	8036	1535	103.80	1.896	17.6	83.0	554.0
	230.0	214.6	92.1	41.79	32.73	19.28	8070	1719	110.53	2.262	20.9	84.0	555.4
	230.0	219.9	90.7	41.45	31.23	18.94	8109	1892	112.82	2.541	23.4	85.1	553.9
	230.0	224.9	89.3	41.15	29.71	18.65	8135	2050	119.74	2.922	26.8	85.9	554.1
	230.0	229.9	88.5	40.80	28.13	18.43	8139	2198	123.65	3.236	29.7	86.7	552.2
	230.0	235.7	88.1	40.42	26.47	18.33	8156	2334	126.29	3.510	32.1	87.7	552.1
	230.0	241.7	88.4	40.05	24.85	18.36	8171	2459	129.54	3.792	34.6	88.7	551.0
	230.0	248.3	88.7	39.64	23.18	18.53	8199	2574	130.97	4.013	36.5	89.9	553.8
	230.0	255.1	90.0	39.21	21.56	18.83	8211	2681	130.55	4.166	37.9	91.0	554.7
	230.0	261.6	92.6	38.84	20.03	19.27	8192	2777	129.17	4.270	38.9	91.7	552.0
	230.0	268.7	94.7	38.36	18.59	19.83	8189	2868	128.46	4.385	40.0	92.8	555.5
	230.0	275.7	98.2	37.97	17.35	20.57	8168	2949	122.78	4.310	39.4	93.5	555.3
	230.0	282.5	101.9	37.50	16.23	21.47	8136	3024	119.56	4.305	39.5	94.3	558.9
	230.0	289.9	107.1	37.03	15.32	22.58	8113	3094	111.40	4.103	37.7	95.3	559.2
	230.0	296.4	111.9	36.55	14.65	23.71	8061	3156	109.10	4.099	37.9	95.9	561.8
	230.0	303.3	117.7	36.01	14.29	25.06	8014	3216	100.07	3.831	35.7	96.7	564.9
	230.0	309.4	123.2	35.45	14.23	26.39	7937	3269	83.00	3.230	30.4	97.3	568.0
	230.0	315.2	128.8	34.83	14.45	27.74	7841	3319	80.17	3.167	30.1	97.9	571.2
	230.0	320.5	134.3	34.19	14.94	29.10	7733	3364	60.28	2.414	23.3	98.4	574.9
	230.0	325.4	139.7	33.42	15.62	30.50	7586	3407	53.55	2.172	21.4	98.7	579.0
	230.0	330.0	144.9	32.65	16.46	31.85	7436	3446	35.27	1.447	14.5	99.0	583.2
	230.0	334.3	149.9	31.77	17.58	33.24	7258	3487	16.47	0.684	7.0	99.3	588.3
	230.0	337.9	154.5	30.82	18.74	34.56	7052	3524	2.96	0.124	1.3	99.5	593.2
	230.0	338.7	155.5	30.60	18.98	34.85	7013	3532	0.00	0.000	0.0	99.6	594.6

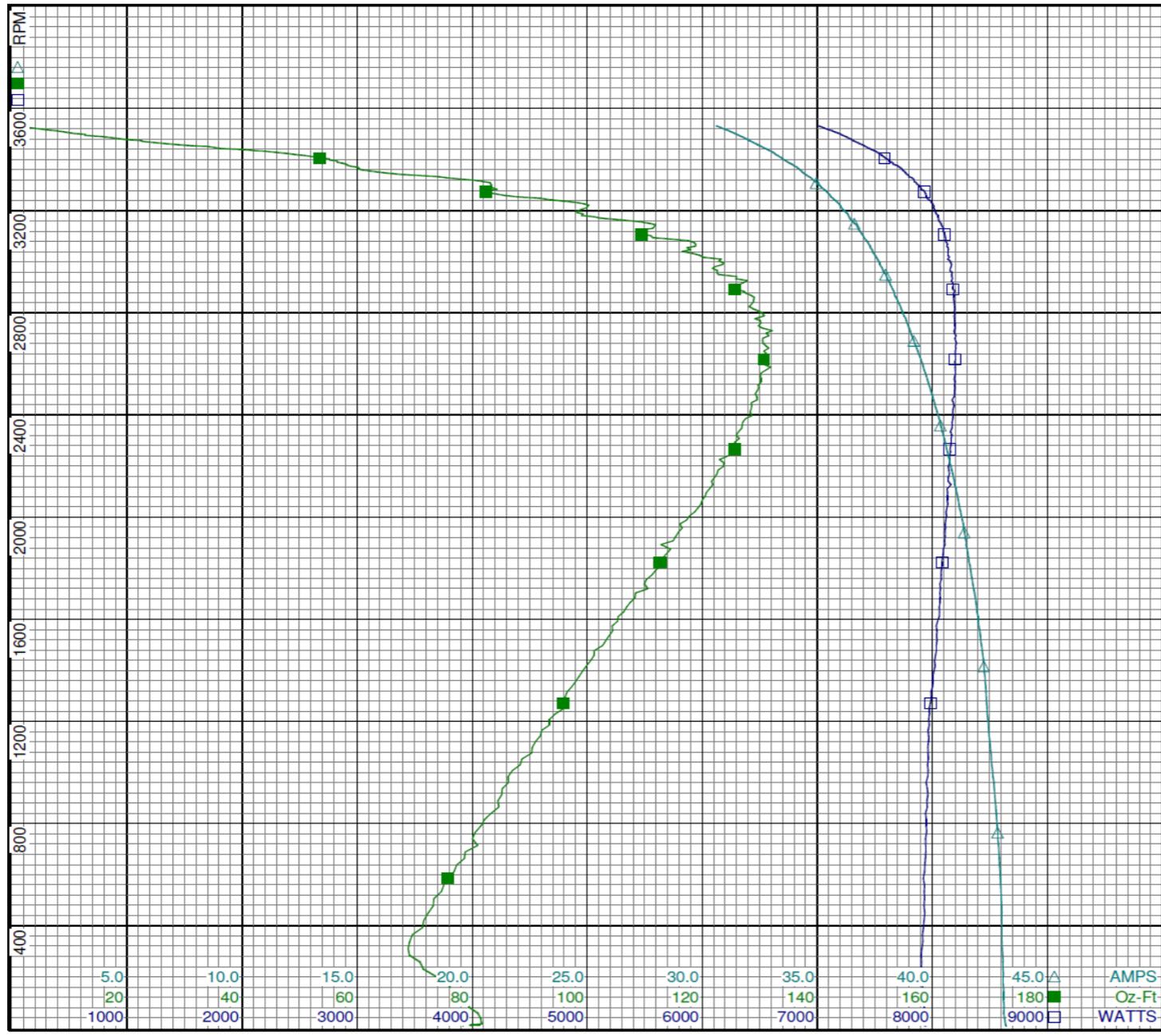
DRAWING NO. PAGE 5 of 8 REV.
6XJ53BG -

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

Performance Data



6XJ53BG REV.
-



Dayton

Curve Descriptions:
Motor(1) Test 9 Start 230V 60 Hz 2P
3 line

- SPEED vs WATTS
- SPEED vs TORQUE
- △ SPEED vs ILine

Motor Ratings:
T063CXCZR227901 6XJ53BG

DRAWING NO. PAGE 6 of 8 REV.
6XJ53BG -

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

Performance Data



6XJ53BG	REV. -
----------------	-----------

Dayton Manufacturing Company

Motor Description

Model: T063CXCZR227901 6XJ53BG
 Motor ID: 1 of 3
 Poles: 2
 Volts: 115/208-230
 Frequency: 60
 HP: 1 1/2
 Speed: 3450
 Phase: 1
 Protector: CEJ49CV

Test Conditions

Test Type: Run
 Test Number: 10
 Poles: 2
 Volts: 230
 Hz: 60
 Rotation:
 Special Cond:
 Speed Conn: 3 line
 TestBoard: Amtps Performance Fixture #1
 Run Cap: 30 µFd
 Start Cap: 519 µFd
 Environment:
 Tested: 6/22/2005 10:11:13 AM
 Tested By: Sharp, Gerald
 Gear Ratio: 1:1
 Bearing Friction: -0.53 Oz-Ft
 Windage Torque: -3.40 Oz-Ft

Special Points	Vline (V)	Vaux (V)	Vcap (V)	Iline (A)	Imain (A)	Iaux (A)	Watts	RPM	Tq(Oz-ft)	HP	Eff (%)	PF (%)	Cap
	230.0	189.3	193.8	2.21	3.40	2.180	218	3589	0.00	0.000	0.0	42.9	29.8
9.12 OZ-FT	230.0	191.9	188.5	2.94	3.29	2.125	498	3569	9.12	0.387	57.9	73.6	29.9
18.24 OZ-FT	230.0	193.7	184.1	4.01	3.75	2.091	779	3550	18.24	0.771	73.8	84.6	30.1
	230.0	193.7	184.0	4.02	3.75	2.090	783	3550	18.36	0.776	73.9	84.7	30.1
27.36 OZ-FT	230.0	194.7	178.8	5.37	4.73	2.039	1111	3525	27.36	1.148	77.1	89.9	30.2
	230.0	194.9	176.2	6.03	5.29	2.009	1266	3512	32.16	1.344	79.2	91.3	30.2
1.5 HP	230.0	195.1	174.1	6.60	5.79	1.984	1396	3500	36.00	1.500	80.1	92.0	30.2
36.48 OZ-FT	230.0	195.1	173.8	6.66	5.84	1.981	1409	3499	36.48	1.519	80.4	92.0	30.2
41.95 OZ-FT	230.0	195.2	170.1	7.66	6.79	1.938	1634	3480	41.95	1.738	79.4	92.7	30.2
	230.0	195.1	168.1	8.21	7.31	1.916	1752	3470	44.72	1.847	78.6	92.8	30.2
45.6 OZ-FT	230.0	195.1	166.8	8.56	7.65	1.901	1829	3462	45.60	1.880	76.7	92.9	30.2
3450 RPM	230.0	195.0	164.3	9.19	8.28	1.876	1965	3450	48.42	1.989	75.5	92.9	30.3
	230.0	194.7	160.6	10.14	9.23	1.836	2167	3431	51.69	2.111	72.7	92.9	30.3
	230.0	193.9	153.1	12.17	11.31	1.752	2601	3386	63.13	2.544	73.0	92.9	30.3
	230.0	192.4	145.9	14.13	13.30	1.671	2989	3339	74.29	2.953	73.7	92.0	30.4
	230.0	190.5	138.6	16.09	15.34	1.593	3361	3289	75.02	2.938	65.2	90.8	30.5
	230.0	188.5	131.8	17.98	17.31	1.522	3709	3236	86.07	3.316	66.7	89.7	30.6
	230.0	186.0	125.1	19.87	19.29	1.453	4031	3178	86.45	3.271	60.5	88.2	30.8
	230.0	183.2	118.7	21.79	21.30	1.383	4344	3112	87.35	3.236	55.6	86.7	30.9
BDT OZ-FT	230.0	181.3	115.2	22.89	22.46	1.345	4509	3070	92.64	3.385	56.0	85.7	31.0
	230.0	180.4	113.3	23.48	23.11	1.326	4604	3046	89.58	3.248	52.6	85.2	31.1
	230.0	177.3	108.5	25.15	24.89	1.275	4835	2972	90.34	3.197	49.3	83.6	31.2
	230.0	173.9	104.0	26.75	26.59	1.223	5036	2892	88.47	3.046	45.1	81.9	31.2
	230.0	170.5	100.4	28.29	28.21	1.186	5211	2804	84.67	2.826	40.5	80.1	31.3
	230.0	166.8	97.3	29.73	29.75	1.153	5357	2707	83.17	2.680	37.3	78.3	31.4
	230.0	163.1	95.2	31.07	31.17	1.127	5467	2603	78.25	2.425	33.1	76.5	31.4
	230.0	159.6	93.9	32.31	32.50	1.114	5567	2490	72.45	2.148	28.8	74.9	31.5
	230.0	156.1	93.1	33.44	33.71	1.100	5641	2368	66.64	1.879	24.8	73.3	31.3
	230.0	152.5	93.0	34.46	34.81	1.103	5686	2235	60.80	1.618	21.2	71.7	31.4
	230.0	148.9	93.5	35.40	35.82	1.107	5723	2093	54.37	1.355	17.7	70.3	31.4
	230.0	145.2	94.3	36.23	36.72	1.114	5731	1938	48.34	1.115	14.5	68.8	31.4
	230.0	142.1	95.7	36.96	37.51	1.125	5746	1772	41.16	0.868	11.3	67.6	31.2
	230.0	138.9	97.1	37.61	38.21	1.143	5753	1596	33.64	0.639	8.3	66.5	31.2
	230.0	135.9	98.6	38.19	38.84	1.165	5743	1404	26.94	0.450	5.8	65.4	31.3
	230.0	132.7	100.5	38.64	39.36	1.186	5720	1200	19.98	0.285	3.7	64.4	31.3
	230.0	128.7	103.6	38.98	39.76	1.209	5723	980	14.03	0.164	2.1	63.8	30.9
	230.0	125.4	106.0	39.25	40.08	1.238	5709	745	6.50	0.058	0.8	63.2	31.0
	230.0	122.6	108.4	39.43	40.30	1.257	5701	499	-1.08	-0.006	0.0	62.9	30.8
PUT OZ-FT	230.0	120.9	110.2	39.49	40.41	1.265	5691	326	-4.43	-0.017	0.0	62.7	30.4
	230.0	119.8	110.7	39.45	40.37	1.275	5678	243	-4.29	-0.012	0.0	62.6	30.6

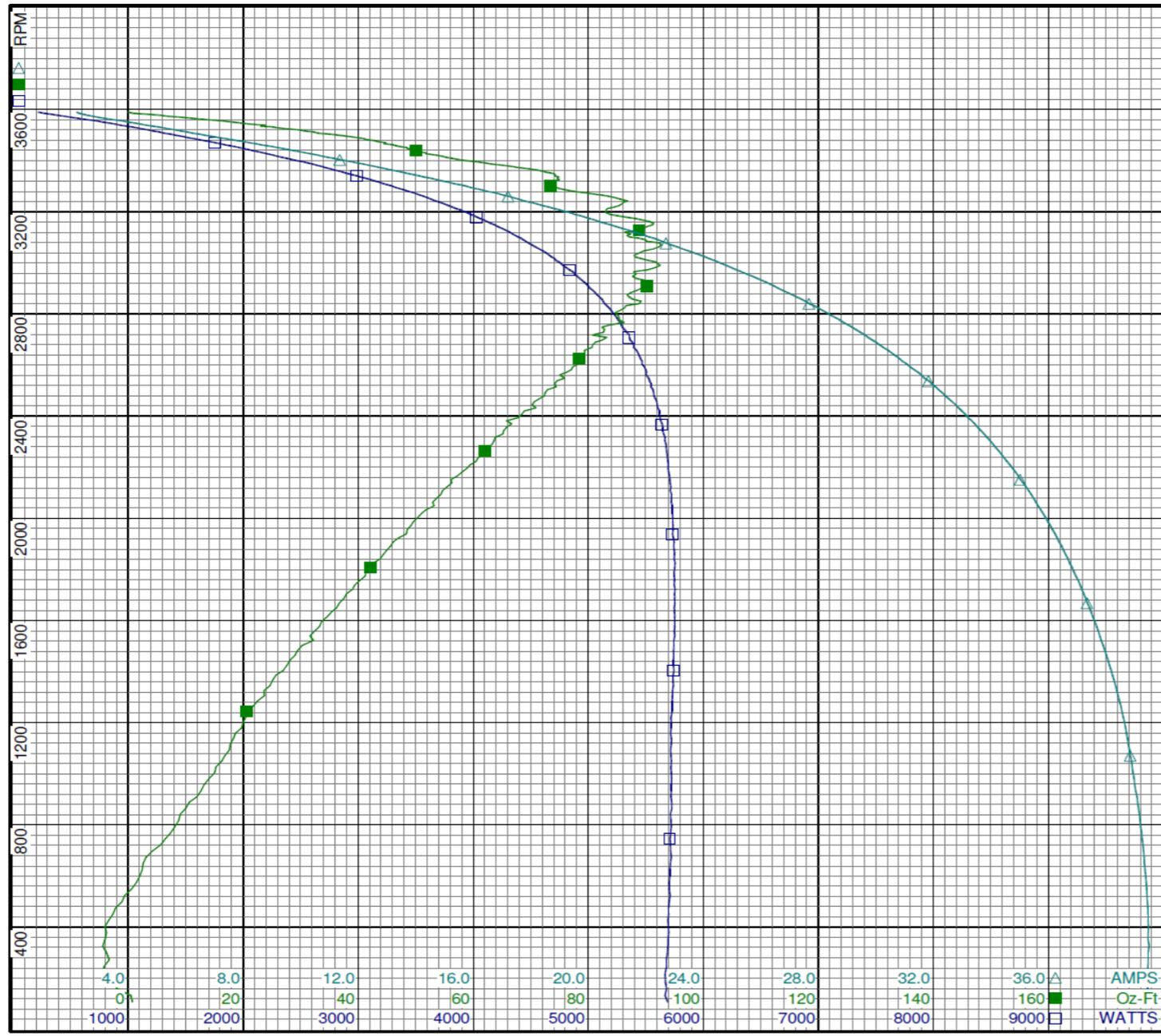
DRAWING NO.	PAGE 7 of 8	REV.
6XJ53BG		-

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

Performance Data



6XJ53BG REV. -



Dayton

Curve Descriptions:
 Motor(1) Test 10 Run 230V 60 Hz 2P
 3 line

- SPEED vs WATTS
- SPEED vs TORQUE
- △ SPEED vs ILine

Motor Ratings:
 T063CXCZR227901 6XJ53BG

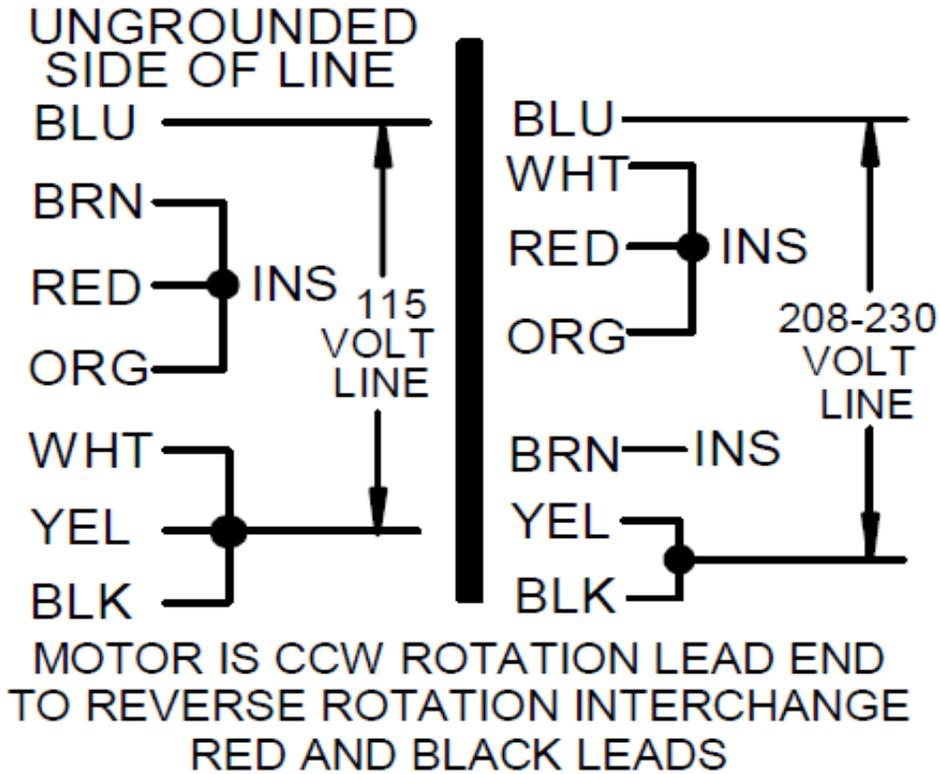
DRAWING NO. PAGE 8 of 8 REV.
6XJ53BG -

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

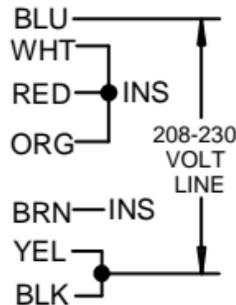
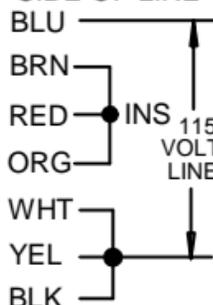
6XJ53BG

REV.
-

CONNECTIONS



DRAWING NO.	PAGE 1 of 1	REV.
6XJ53BG		-

Dayton[®]**INDUSTRIAL MOTOR****HP: 1.5****VOLTS: 115/208-230****AMPS: 14.6/8.1-7.4****RPM: 3450****DUTY: CONT****SF: 1.0****KVA CODE: H****ENCL: TEFC****THERMALLY PROTECTED: AUTO**MFG. NO. PROT. CODE: 00731 **MTR REF: T63CXCZR-2279****PH: 1****HZ: 60****FR: 56H****INS CL: B****AMB: 40 °C****SFA:**AVG. F.L.
EFF.Part
No **6XJ53BG****Disconnect Power Before Making Any
Electrical Connections or Changes****CONNECTIONS****UNGROUND
SIDE OF LINE****MOTOR IS CCW ROTATION LEAD END
TO REVERSE ROTATION INTERCHANGE
RED AND BLACK LEADS**

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

Made in Mexico