Performance Data

Company: *Leaf Motor Technology Co.Ltd*
Name: *Brushless Hub Motor*
Model: *HBM-011F*

Voltage:*36V*
Power:*250W*
Test Date:*06.01.2011*

Item NO.	Voltage V	Current A	Input Power W	Power Factor PF	Frequency Hz	Torque mN.m	Speed rpm	Output Power W	Efficiency %
1	37.21	1.109	41.27	1.000	0.00	560.0	276	16.18	39.2
2	37.21	1.147	42.66	1.000	0.00	600.0	274	17.21	40.4
3	37.21	1.329	49.45	1.000	0.00	795.0	272	22.64	45.8
4	37.21	1.562	58.10	1.000	0.00	1185.0	271	33.63	57.9
5	37.21	2.102	78.22	1.000	0.00	1920.0	267	53.68	68.6
6	37.21	2.830	105.29	1.000	0.00	2885.0	262	79.15	75.2
7	37.21	3.700	137.66	1.000	0.00	3990.0	256	106.96	77.7
8	37.21	4.524	168.32	1.000	0.00	4980.0	254	132.45	78.7
9	37.21	5.300	197.19	1.000	0.00	6045.0	248	156.98	79.6
10	37.20	6.174	229.69	1.000	0.00	7225.0	241	182.33	79.4
11	37.20	7.187	267.39	1.000	0.00	8625.0	236	213.14	79.7
12	37.20	8.358	310.98	1.000	0.00	10200.0	230	245.65	79.0
13	37.20	9.633	358.35	1.000	0.00	11785.0	226	278.89	77.8
14	37.20	10.605	394.51	1.000	0.00	13305.0	221	307.90	78.0
15	37.20	11.915	443.24	1.000	0.00	14905.0	214	334.00	75.3
16	37.20	13.166	489.79	1.000	0.00	16505.0	210	362.94	74.1
17	37.20	14.544	541.04	1.000	0.00	18170.0	203	386.23	71.4
18	37.20	16.011	595.61	1.000	0.00	19550.0	197	403.28	67.7

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Performance Data

Company: *Leaf Motor Technology Co.Ltd*
Name: *Brushless Hub Motor*
Model: *HBM-011F*

Voltage:*24V*
Power:*250W*
Test Date:*06.01.2011*

Item NO.	Voltage V	Current A	Input Power W	Power Factor PF	Frequency Hz	Torque mN.m	Speed rpm	Output Power W	Efficiency %
1	25.55	1.396	35.67	1.000	0.00	570.0	257	15.34	43.0
2	25.55	1.476	37.71	1.000	0.00	590.0	256	15.82	41.9
3	25.55	1.752	44.76	1.000	0.00	790.0	254	21.01	46.9
4	25.55	2.185	55.83	1.000	0.00	1270.0	251	33.38	59.8
5	25.55	2.982	76.20	1.000	0.00	2010.0	248	52.20	68.5
6	25.55	3.982	101.74	1.000	0.00	3015.0	242	76.40	75.1
7	25.55	5.080	129.81	1.000	0.00	4035.0	237	100.14	77.1
8	25.55	6.114	156.20	1.000	0.00	5005.0	232	121.59	77.8
9	25.55	7.204	184.05	1.000	0.00	6115.0	227	145.35	79.0
10	25.55	8.476	216.55	1.000	0.00	7335.0	220	168.97	78.0
11	25.55	9.972	254.78	1.000	0.00	8795.0	213	196.16	77.0
12	25.55	11.613	296.71	1.000	0.00	10325.0	206	222.72	75.1
13	25.55	13.372	341.65	1.000	0.00	11965.0	198	248.07	72.6
14	25.55	15.108	386.01	1.000	0.00	13470.0	191	269.40	69.8
15	25.55	16.897	431.72	1.000	0.00	15110.0	183	289.54	67.1
16	25.55	18.251	466.31	1.000	0.00	16170.0	180	304.77	65.4

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