

常州高尔登科技有限公司

客户名称(Customer):	额定电压(Voltage): 72
产品名称(ProductName):	额定功率(Power rated): 10KW
电机型号(Type): 72V10KWF	测试人员(Tester): 王超
测试日期(Test Date): 2019.07.23	

序号	输入电压 V	输入电流 A	输入功率 W	电机电压 V	电机电流 A	电机功率 W	电机功率因 数	电机频率 Hz	转矩 N.m	转速 rpm	输出功率 W	控制器效率 %	电机效率 %	总效率 %	时间 S
1	72.08	17.50	1086	53.27	18.47	1049	0.615	425.96	0.81	4496.6	381.3	96.5	36.4	35.1	0.000
2	72.05	20.96	1343	53.21	19.81	1220	0.668	320.52	1.26	4484.7	591.6	90.9	48.5	44.0	2.621
3	72.02	23.69	1576	53.14	21.72	1462	0.731	301.84	1.85	4471.5	866.1	92.8	59.3	55.0	4.228
4	71.98	26.97	1813	53.06	23.90	1705	0.776	297.21	2.40	4458.4	1120	94.0	65.7	61.8	5.835
5	71.94	30.49	2058	52.99	26.07	1927	0.806	296.02	2.83	4445.0	1317	93.7	68.3	64.0	7.442
6	71.90	33.62	2310	52.91	28.14	2158	0.837	295.29	3.37	4432.7	1564	93.4	72.5	67.7	9.048
7	71.85	36.33	2514	52.83	30.23	2366	0.855	294.51	3.87	4420.1	1791	94.1	75.7	71.2	10.66
8	71.85	40.03	2784	52.76	33.09	2622	0.867	294.25	4.41	4405.9	2034	94.2	77.6	73.1	12.26
9	71.80	43.22	3017	52.68	35.64	2851	0.877	293.22	4.83	4393.9	2222	94.5	77.9	73.6	13.87
10	71.76	46.39	3242	52.62	38.31	3098	0.887	292.07	5.40	4380.3	2477	95.6	79.9	76.4	15.48
11	71.71	49.95	3500	52.56	41.00	3337	0.894	290.76	6.01	4367.9	2748	95.4	82.4	78.5	17.08
12	71.66	53.36	3738	52.48	43.74	3587	0.902	289.93	6.53	4355.5	2978	96.0	83.0	79.7	18.69
13	71.63	57.14	3992	52.43	45.87	3781	0.908	289.24	7.14	4342.5	3246	94.7	85.9	81.3	20.30
14	71.60	60.56	4257	52.38	48.72	4022	0.910	288.72	7.60	4330.2	3446	94.5	85.7	80.9	21.90
15	71.56	63.97	4491	52.31	51.62	4274	0.914	287.95	8.03	4318.7	3631	95.2	84.9	80.8	23.51
16	71.53	66.68	4703	52.25	54.20	4506	0.919	287.22	8.62	4303.3	3884	95.8	86.2	82.6	25.12
17	71.49	70.35	4951	52.19	56.90	4740	0.921	286.22	9.13	4293.7	4104	95.7	86.6	82.9	26.72
18	71.46	74.00	5208	52.15	59.56	4963	0.922	285.33	9.78	4280.0	4383	95.3	88.3	84.1	28.33
19	71.43	77.03	5431	52.09	62.62	5200	0.921	284.55	10.33	4266.8	4615	95.8	88.7	85.0	29.94
20	71.39	80.22	5653	52.03	65.46	5435	0.921	283.50	10.86	4255.4	4839	96.1	89.0	85.6	31.54
21	71.37	83.24	5877	51.96	68.40	5679	0.923	282.14	11.41	4240.8	5066	96.6	89.2	86.2	33.15
22	71.31	87.62	6182	51.90	71.46	5924	0.922	281.98	12.07	4228.2	5343	95.8	90.2	86.4	34.76
23	71.27	90.90	6412	51.85	74.41	6176	0.924	281.18	12.52	4218.2	5529	96.3	89.5	86.2	36.36
24	71.22	94.13	6639	51.79	77.45	6410	0.923	280.28	13.09	4204.1	5762	96.5	89.9	86.8	37.97
25	71.22	97.63	6903	51.74	79.88	6609	0.923	279.52	13.75	4192.3	6035	95.7	91.3	87.4	39.58
26	71.15	100.6	7100	51.68	82.94	6856	0.924	278.34	14.22	4178.2	6221	96.6	90.7	87.6	41.19
27	71.12	104.1	7346	51.62	85.91	7092	0.923	277.60	14.84	4164.8	6471	96.5	91.2	88.1	42.79
28	71.10	108.2	7639	51.57	88.97	7327	0.922	276.78	15.29	4151.6	6646	95.9	90.7	87.0	44.40
29	71.09	111.9	7899	51.56	92.16	7593	0.923	276.55	16.02	4145.8	6954	96.1	91.6	88.0	46.01
30	71.06	115.4	8144	51.51	95.15	7828	0.922	275.61	16.50	4132.1	7138	96.1	91.2	87.7	47.61
31	71.01	119.4	8407	51.47	98.30	8058	0.920	274.63	17.07	4118.0	7360	95.9	91.3	87.5	49.22
32	70.98	120.9	8525	51.43	101.5	8300	0.918	273.71	17.62	4106.9	7576	97.3	91.3	88.9	50.83
33	70.95	125.7	8879	51.39	103.8	8495	0.919	273.34	18.07	4099.5	7757	95.7	91.3	87.4	52.43
34	70.95	129.0	9097	51.35	106.9	8732	0.919	272.45	18.73	4086.0	8013	96.0	91.8	88.1	54.04
35	70.91	131.8	9289	51.30	110.4	8976	0.915	271.29	19.30	4070.5	8225	96.6	91.6	88.5	55.65
36	70.86	136.0	9586	51.25	113.6	9218	0.914	270.74	19.97	4059.0	8487	96.2	92.1	88.5	57.25
37	70.81	139.6	9836	51.21	116.6	9419	0.911	269.69	20.55	4045.5	8704	95.8	92.4	88.5	58.86
38	70.80	143.1	10070	51.15	120.0	9671	0.910	268.83	21.13	4033.9	8924	96.0	92.3	88.6	60.47
39	70.76	146.9	10339	51.12	123.5	9916	0.907	268.12	21.71	4022.5	9143	95.9	92.2	88.4	62.07
40	70.73	150.4	10586	51.09	126.1	10112	0.906	267.38	22.29	4010.7	9360	95.5	92.6	88.4	63.68
41	70.68	154.1	10834	51.05	129.4	10332	0.903	266.63	22.92	3997.8	9594	95.4	92.9	88.6	65.29
42	70.68	156.8	11025	51.01	132.5	10559	0.902	265.94	23.46	3985.6	9790	95.8	92.7	88.8	66.89
43	70.65	160.7	11299	50.95	136.2	10807	0.899	264.83	24.12	3973.5	10035	95.6	92.9	88.8	68.50
44	70.62	164.4	11553	50.91	139.5	11042	0.898	264.18	24.65	3960.2	10221	95.6	92.6	88.5	70.11
45	70.59	168.1	11804	50.87	143.0	11295	0.896	263.58	25.24	3951.2	10442	95.7	92.4	88.5	71.71

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电机型号(Type):	测试人员(Tester):	王超
测试日期(Test Date):	2019.07.23	

序号	输入电压 V	输入电流 A	输入功率 W	电机电压 V	电机电流 A	电机功率 W	电机功率因 数	电机频率 Hz	转矩 N.m	转速 rpm	输出功率 W	控制器效率 %	电机效率 %	总效率 %	时间 S
46	70.56	170.5	11973	50.81	146.2	11501	0.894	262.50	25.81	3938.2	10642	96.1	92.5	88.9	73.32
47	70.55	172.8	12125	50.79	148.7	11672	0.892	262.22	26.25	3930.2	10802	96.3	92.5	89.1	74.93
48	70.50	176.3	12363	50.75	151.0	11818	0.891	261.17	26.77	3920.0	10987	95.6	93.0	88.9	76.53
49	70.52	180.1	12629	50.70	154.2	12082	0.892	260.57	27.50	3908.6	11254	95.7	93.1	89.1	78.14
50	70.43	185.4	12992	50.64	158.8	12386	0.889	259.54	28.29	3890.2	11523	95.3	93.0	88.7	79.75
51	70.39	187.0	13107	50.53	162.4	12583	0.885	257.78	28.72	3864.9	11622	96.0	92.4	88.7	81.36
52	70.43	186.9	13094	49.77	164.2	12524	0.885	252.63	29.21	3790.3	11592	95.7	92.6	88.5	82.96
53	70.41	186.6	13084	49.13	166.4	12544	0.886	249.47	29.55	3744.6	11585	95.9	92.4	88.5	84.57
54	70.40	187.2	13125	48.49	168.4	12518	0.885	245.39	29.99	3686.7	11576	95.4	92.5	88.2	86.18
55	70.37	186.9	13104	47.75	170.9	12504	0.884	240.76	30.58	3613.2	11568	95.4	92.5	88.3	87.78
56	70.38	187.4	13133	46.94	174.0	12476	0.882	236.44	31.13	3541.2	11542	95.0	92.5	87.9	89.39
57	70.37	187.2	13132	46.05	177.2	12446	0.880	231.41	31.72	3469.9	11524	94.8	92.6	87.8	91.00
58	70.38	187.2	13127	45.24	180.3	12426	0.879	226.85	32.32	3394.6	11487	94.7	92.5	87.5	92.60
59	70.34	186.9	13108	44.31	183.9	12410	0.879	221.94	32.91	3324.0	11453	94.7	92.3	87.4	94.21
60	70.33	186.5	13082	43.53	187.1	12347	0.875	217.42	33.44	3259.1	11411	94.4	92.4	87.2	95.82
61	70.35	186.3	13068	42.76	190.0	12298	0.874	213.40	33.99	3199.3	11386	94.1	92.6	87.1	97.42
62	70.33	186.0	13050	42.08	193.0	12257	0.871	209.56	34.47	3144.8	11350	93.9	92.6	87.0	99.03
63	70.34	185.9	13042	41.47	196.0	12243	0.870	205.94	35.01	3092.7	11336	93.9	92.6	86.9	100.6
64	70.31	185.9	13040	40.82	198.9	12222	0.869	202.60	35.52	3040.2	11306	93.7	92.5	86.7	102.2
65	70.37	185.9	13052	40.34	201.5	12202	0.867	199.81	36.03	2992.7	11289	93.5	92.5	86.5	103.9
66	70.32	185.9	13044	39.76	204.4	12183	0.866	196.59	36.55	2944.2	11267	93.4	92.5	86.4	105.5
67	70.33	186.0	13048	39.20	207.5	12180	0.865	193.36	37.04	2899.4	11244	93.3	92.3	86.2	107.1
68	70.35	186.0	13052	38.66	210.4	12166	0.864	190.36	37.56	2854.9	11228	93.2	92.3	86.0	108.7
69	70.33	186.2	13055	38.15	213.3	12175	0.864	187.29	38.04	2811.2	11196	93.3	92.0	85.8	110.3
70	70.35	186.2	13063	37.62	216.4	12152	0.862	184.35	38.59	2766.6	11178	93.0	92.0	85.6	111.9
71	70.34	186.1	13058	37.12	219.3	12150	0.862	181.73	39.07	2725.6	11149	93.0	91.8	85.4	113.5
72	70.32	186.1	13051	36.63	222.4	12157	0.862	178.84	39.58	2683.3	11120	93.1	91.5	85.2	115.1
73	70.34	186.3	13065	36.23	224.9	12162	0.862	176.34	40.09	2643.6	11096	93.1	91.2	84.9	116.7
74	70.33	186.2	13060	35.75	227.9	12136	0.860	173.58	40.59	2602.0	11059	92.9	91.1	84.7	118.3
75	70.33	186.1	13052	35.30	230.8	12123	0.859	170.88	41.09	2564.0	11031	92.9	91.0	84.5	119.9
76	70.32	185.9	13045	34.81	233.9	12115	0.859	168.19	41.59	2523.8	10990	92.9	90.7	84.2	121.5
77	70.31	185.7	13027	34.37	236.9	12111	0.859	165.79	42.08	2486.1	10953	93.0	90.4	84.1	123.1
78	70.31	185.7	13026	33.91	240.0	12101	0.858	163.18	42.61	2446.8	10916	92.9	90.2	83.8	124.7
79	70.32	185.8	13030	33.46	243.2	12076	0.857	160.59	43.10	2409.6	10873	92.7	90.1	83.4	126.3

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