

Changzhou Goldenmotor Technology Co.,Ltd

Voltage: 72V
 Power rated: 11KW
 Tester: Liuzhipeng WangChao
 Test Data: 2023.11.16

ProductName HTM11-160
 Motor Type: 72V11KW
 Number: 202311160002

Number	Voltage V	Current A	Power Motor_Volt W	Motor_Curr V	Motor_Power A	W	PF	Freque Hz	Torque N.m	Speed rpm	Pout W	Control_Eff %	Motor_Eff %	Eff %	Time S
1	72.03	22.24	1488	53.33	17.17	1427	0.900	223.31	3.4	2680.7	954.3	95.9	66.9	64.1	0.000
2	71.99	27.62	1885	53.30	20.69	1763	0.923	222.97	4.9	2675.5	1373	93.5	77.9	72.8	2.621
3	72.00	34.23	2367	53.26	25.44	2210	0.942	222.36	6.6	2667.6	1843	93.4	83.4	77.9	4.228
4	72.03	41.64	2909	53.21	30.79	2709	0.955	221.64	8.5	2659.5	2367	93.2	87.4	81.4	5.835
5	71.97	47.97	3364	53.19	36.12	3201	0.962	221.04	10.2	2652.7	2833	95.2	88.5	84.2	7.442
6	72.03	54.73	3859	53.16	40.71	3621	0.966	220.33	11.9	2644.2	3294	93.8	91.0	85.4	9.048
7	71.95	62.06	4387	53.13	46.23	4123	0.969	219.74	13.8	2636.1	3809	94.0	92.4	86.8	10.66
8	71.98	68.32	4841	53.11	51.85	4631	0.971	219.11	15.4	2628.9	4239	95.7	91.5	87.6	12.26
9	71.98	74.62	5297	53.07	56.75	5070	0.972	218.46	17.0	2620.6	4664	95.7	92.0	88.1	13.87
10	71.97	80.59	5730	53.06	62.18	5554	0.972	217.79	18.7	2613.0	5117	96.9	92.1	89.3	15.48
11	71.97	88.41	6293	53.04	66.96	5975	0.971	217.01	20.6	2603.3	5615	94.9	94.0	89.2	17.08
12	71.96	93.45	6655	53.02	71.94	6414	0.971	216.45	22.0	2596.1	5980	96.4	93.2	89.9	18.69
13	71.98	100.1	7138	53.01	77.06	6861	0.970	215.54	23.8	2585.0	6441	96.1	93.9	90.2	20.30
14	71.98	107.8	7695	52.99	83.83	7448	0.968	214.73	25.8	2576.2	6960	96.8	93.4	90.4	21.90
15	71.97	114.1	8143	52.97	87.99	7804	0.967	214.06	27.3	2567.0	7337	95.8	94.0	90.1	23.51
16	71.97	120.4	8603	52.95	94.45	8353	0.964	213.19	29.4	2556.7	7871	97.1	94.2	91.5	25.12
17	71.95	125.7	8977	52.94	98.85	8724	0.963	212.42	30.6	2547.7	8162	97.2	93.6	90.9	26.72
18	71.95	133.8	9555	52.91	105.5	9278	0.959	211.47	32.5	2536.0	8629	97.1	93.0	90.3	28.33
19	71.95	140.3	10014	52.90	109.2	9578	0.957	210.60	34.5	2524.9	9120	95.6	95.2	91.1	29.94
20	71.96	144.7	10336	52.88	115.7	10108	0.954	209.82	36.0	2516.6	9486	97.8	93.8	91.8	31.54
21	71.92	154.5	11015	52.86	121.0	10540	0.951	208.64	38.1	2502.2	9981	95.7	94.7	90.6	33.15
22	72.01	156.6	11192	52.86	126.2	10959	0.949	207.94	39.4	2494.0	10288	97.9	93.9	91.9	34.76
23	71.97	164.0	11707	52.83	132.5	11459	0.945	207.02	41.0	2482.6	10657	97.9	93.0	91.0	36.36
24	71.91	172.4	12294	52.81	138.1	11894	0.942	205.62	43.2	2466.9	11158	96.7	93.8	90.8	37.97
25	71.91	176.2	12569	52.80	143.3	12305	0.939	204.83	44.7	2457.7	11502	97.9	93.5	91.5	39.58
26	71.94	181.6	12958	52.78	148.5	12702	0.936	204.02	46.3	2447.5	11865	98.0	93.4	91.6	41.19
27	71.89	192.2	13700	52.77	154.5	13158	0.932	202.79	48.4	2433.0	12329	96.0	93.7	90.0	42.79
28	71.91	197.0	14049	52.76	160.0	13570	0.928	201.56	50.3	2418.5	12737	96.6	93.9	90.7	44.40
29	71.94	202.4	14436	52.75	165.5	13977	0.924	200.52	52.4	2405.5	13197	96.8	94.4	91.4	46.01
30	71.92	207.4	14789	52.73	171.4	14417	0.921	199.68	53.8	2394.5	13489	97.5	93.6	91.2	47.61
31	71.88	213.1	15180	52.72	177.1	14829	0.917	198.75	55.1	2383.5	13750	97.7	92.7	90.6	49.22
32	71.95	219.7	15666	52.71	182.8	15235	0.913	197.44	57.2	2369.3	14189	97.2	93.1	90.6	50.83
33	71.91	215.3	15332	52.17	186.3	15242	0.906	194.10	58.6	2313.7	14196	99.4	93.1	92.6	52.43
34	71.93	219.1	15560	50.74	199.3	15462	0.883	186.65	60.5	2234.3	14153	99.4	91.5	91.0	54.04
35	71.98	223.0	15823	49.75	211.5	15691	0.861	180.42	62.7	2169.5	14242	99.2	90.8	90.0	55.65
36	71.92	221.0	15535	48.16	221.6	15717	0.850	174.10	64.1	2095.2	14061	101.2	89.5	90.5	57.25
37	71.95	224.1	15715	46.34	215.6	15212	0.879	165.52	66.4	1998.0	13890	96.8	91.3	88.4	58.86
38	71.94	225.1	15688	44.10	228.2	15166	0.870	154.11	71.2	1845.7	13759	96.7	90.7	87.7	60.47
39	71.91	226.4	15719	41.75	243.8	15116	0.858	142.51	76.4	1697.3	13577	96.2	89.8	86.4	62.07
40	71.96	226.0	15708	39.60	260.5	15118	0.846	133.59	80.4	1595.9	13434	96.2	88.9	85.5	63.68
41	71.96	225.3	15691	37.96	273.1	15049	0.838	125.97	84.1	1510.1	13297	95.9	88.4	84.7	65.29
42	71.93	225.1	15701	36.52	285.1	15002	0.832	119.09	87.8	1429.0	13136	95.5	87.6	83.7	66.89
43	71.96	224.8	15732	35.24	296.8	14932	0.824	113.00	91.6	1357.0	13014	94.9	87.2	82.7	68.50
44	71.94	223.3	15681	34.03	309.2	14886	0.817	107.90	95.2	1291.5	12874	94.9	86.5	82.1	70.11
45	71.92	223.5	15719	32.87	321.7	14837	0.810	102.43	98.8	1228.5	12708	94.4	85.6	80.8	71.71

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	Voltage	Current	Power	Motor_Volt	Motor_Curr	Motor_Power	PF	Freque	Torque	Speed	Pout	Control_Eff	Motor_Eff	Eff	Time
Number	V	A	W	V	A	W		Hz	N.m	rpm	W	%	%	%	S
46	71.99	222.1	15714	31.97	332.1	14805	0.805	97.64	102.4	1168.3	12526	94.2	84.6	79.7	73.32
47	71.94	221.1	15706	30.96	343.9	14760	0.800	92.83	106.4	1111.5	12382	94.0	83.9	78.8	74.93
48	71.95	220.6	15728	30.01	356.0	14707	0.795	88.30	109.5	1058.6	12136	93.5	82.5	77.2	76.54
49	71.98	219.5	15659	29.03	369.7	14662	0.789	84.22	113.4	1005.9	11943	93.6	81.5	76.3	78.14
50	71.94	220.9	15716	28.11	384.0	14590	0.780	79.98	117.2	955.9	11730	92.8	80.4	74.6	79.75
51	71.92	220.5	15654	27.20	398.8	14552	0.774	75.81	121.2	907.2	11512	93.0	79.1	73.5	81.36
52	71.93	222.3	15784	26.32	413.6	14474	0.768	71.81	124.7	860.5	11235	91.7	77.6	71.2	82.96
53	71.92	222.1	15741	25.40	428.2	14336	0.761	68.00	128.5	815.7	10974	91.1	76.6	69.7	84.57
54	71.94	221.2	15699	24.72	441.3	14317	0.758	64.57	132.2	773.2	10702	91.2	74.8	68.2	86.18
55	71.96	221.5	15730	23.90	456.9	14306	0.756	61.30	135.8	731.4	10399	90.9	72.7	66.1	87.78
56	71.97	219.9	15616	23.06	472.0	14175	0.752	57.83	139.5	690.4	10084	90.8	71.1	64.6	89.39
57	71.94	219.7	15617	22.22	488.6	14106	0.750	54.37	143.4	647.8	9726	90.3	68.9	62.3	91.00
58	71.96	220.4	15666	21.38	505.4	14002	0.748	50.84	147.5	606.2	9362	89.4	66.9	59.8	92.60
59	71.93	219.8	15632	20.52	522.4	13889	0.748	47.35	151.2	565.6	8954	88.9	64.5	57.3	94.21
60	71.96	219.5	15603	19.54	539.0	13787	0.756	43.52	155.0	521.7	8466	88.4	61.4	54.3	95.82
61	71.99	215.3	15318	18.50	550.9	13670	0.775	40.45	158.9	468.0	7786	89.2	57.0	50.8	97.42
62	71.97	210.1	14976	17.21	562.7	13432	0.801	36.25	163.0	417.3	7122	89.7	53.0	47.6	99.03
63	71.92	206.3	14715	16.13	565.4	12917	0.817	32.49	166.0	373.6	6493	87.8	50.3	44.1	100.6
64	71.92	198.1	14148	14.76	565.3	12069	0.835	28.28	169.2	320.2	5672	85.3	47.0	40.1	102.2
65	71.95	184.4	13100	13.02	558.4	10868	0.863	23.43	171.9	240.7	4332	83.0	39.9	33.1	103.9
66	72.00	131.4	9452	8.956	318.3	4284	0.868	15.64	174.8	171.9	3146	45.3	73.4	33.3	105.5
67	71.99	119.5	8595	5.979	0.000	0.000	0.000	0.00	173.7	12.7	231.0	0.0	0.0	2.7	108.1