

# Changzhou Goldenmotor Technology Co.,Ltd

Customer:

Voltage: 72V

ProductName: HPM Motor

Power rated: 20KW

Motor Type: 72V20KW

Tester: Liu zhipeng Wang Chao

Number: 207212212015

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Number	Input Voltage	Input Current	Input Power	Motor Voltage	Motor Current	Motor Power	Motor Power Factor	Motor Frequency	Torque	Speed	Output Power	Controller Efficiency	Motor Efficiency	Total Efficiency	Time
	V	A	W	V	A	W		Hz	N.m	rpm	W	%	%	%	S
1	72.04	32.66	2351	52.67	35.50	2733	0.844	259.70	3.5	3888.2	1425	116.2	52.1	60.6	0.000
2	72.07	30.86	2222	52.59	30.15	2316	0.843	260.15	3.3	3898.5	1347	104.2	58.2	60.6	1.825
3	72.07	35.24	2537	52.65	32.05	2457	0.841	258.18	4.4	3874.7	1786	96.9	72.6	70.4	2.636
4	72.06	44.32	3191	52.74	37.12	2850	0.840	255.56	5.8	3837.2	2330	89.3	81.8	73.0	3.447
5	72.06	52.28	3764	52.80	43.35	3326	0.839	252.99	7.4	3796.4	2941	88.4	88.4	78.1	4.259
6	72.07	61.35	4418	52.90	50.81	3888	0.835	250.22	9.4	3747.8	3689	88.0	94.9	83.5	5.070
7	72.04	72.49	5217	53.05	62.24	4704	0.822	246.41	11.4	3700.6	4418	90.2	93.9	84.7	5.881
8	72.06	81.96	5899	53.15	71.43	5341	0.812	243.65	13.5	3654.2	5165	90.5	96.7	87.6	6.692
9	72.05	94.02	6767	53.27	84.26	6221	0.800	240.18	15.5	3612.1	5862	91.9	94.2	86.6	7.504
10	72.05	102.4	7371	53.37	93.53	6838	0.791	239.01	17.4	3570.7	6505	92.8	95.1	88.3	8.315
11	72.03	115.5	8310	53.51	106.3	7663	0.778	235.32	19.4	3531.4	7173	92.2	93.6	86.3	9.126
12	72.08	125.0	9000	53.63	116.5	8311	0.768	233.16	21.9	3488.5	7999	92.3	96.3	88.9	9.937
13	72.04	136.7	9835	53.78	129.7	9134	0.756	230.08	23.8	3450.4	8598	92.9	94.1	87.4	10.75
14	71.98	144.9	10419	53.87	139.4	9730	0.748	227.90	25.6	3416.4	9157	93.4	94.1	87.9	11.56
15	72.05	155.9	11220	54.02	152.6	10517	0.736	225.35	27.7	3383.4	9813	93.7	93.3	87.5	12.37
16	72.03	164.0	11805	54.14	162.3	11082	0.728	223.25	29.7	3350.2	10418	93.9	94.0	88.2	13.18
17	72.02	174.5	12557	54.27	174.6	11789	0.718	220.89	31.6	3319.5	10983	93.9	93.2	87.5	13.99
18	71.97	183.0	13160	54.38	184.5	12354	0.711	219.78	33.7	3288.4	11603	93.9	93.9	88.2	14.80
19	71.99	193.6	13925	54.51	197.8	13093	0.701	217.32	35.8	3257.0	12208	94.0	93.2	87.7	15.62
20	71.96	200.8	14431	54.60	207.9	13641	0.694	215.63	37.8	3226.9	12772	94.5	93.6	88.5	16.43
21	71.97	212.5	15279	54.73	221.7	14378	0.684	213.27	39.9	3199.0	13365	94.1	92.9	87.5	17.24
22	71.94	220.4	15836	54.83	232.0	14923	0.677	211.57	41.7	3172.8	13852	94.2	92.8	87.5	18.05
23	71.94	231.2	16614	54.94	245.6	15632	0.669	209.55	43.7	3145.7	14393	94.1	92.1	86.6	18.86
24	71.93	240.1	17253	55.03	256.2	16182	0.663	207.74	45.8	3117.2	14948	93.8	92.4	86.6	19.67
25	71.93	250.0	17960	55.14	270.4	16897	0.654	205.83	47.8	3090.8	15468	94.1	91.5	86.1	20.48
26	71.91	257.5	18491	55.23	280.7	17400	0.648	204.20	49.9	3064.2	16009	94.1	92.0	86.6	21.29
27	71.91	268.9	19311	55.36	295.5	18111	0.639	202.19	51.9	3039.9	16519	93.8	91.2	85.5	22.11
28	71.92	275.4	19779	55.44	306.3	18620	0.633	200.90	54.0	3014.3	17042	94.1	91.5	86.2	22.92
29	71.94	287.5	20650	55.56	321.1	19314	0.625	199.28	55.8	2991.5	17477	93.5	90.5	84.6	23.73
30	71.92	296.0	21250	55.64	332.1	19838	0.620	197.85	58.1	2964.2	18031	93.4	90.9	84.9	24.54
31	71.90	302.3	21696	55.71	343.0	20351	0.615	196.54	60.0	2940.4	18472	93.8	90.8	85.1	25.35
32	71.88	312.7	22432	55.82	358.3	20977	0.605	194.60	62.0	2915.8	18928	93.5	90.2	84.4	26.16
33	71.91	320.9	23025	55.90	370.2	21476	0.599	193.15	63.8	2892.6	19322	93.3	90.0	83.9	26.97
34	71.87	331.5	23755	55.98	385.9	22133	0.592	190.87	65.9	2865.7	19773	93.2	89.3	83.2	27.78
35	71.90	337.6	24195	56.03	397.2	22574	0.586	189.61	67.9	2839.9	20189	93.3	89.4	83.4	28.60
36	71.91	349.0	25000	56.10	413.9	23224	0.577	187.37	70.0	2812.6	20614	92.9	88.8	82.5	29.41
37	71.87	356.8	25538	56.15	427.0	23679	0.570	185.61	72.0	2783.9	20986	92.7	88.6	82.2	30.22
38	71.87	364.8	26100	56.12	443.0	24198	0.562	183.27	73.5	2753.5	21189	92.7	87.6	81.2	31.03
39	71.97	363.2	26026	55.68	448.1	24382	0.564	180.28	74.6	2708.3	21154	93.7	86.8	81.3	31.84
40	71.92	365.2	26149	54.61	452.9	24454	0.571	175.35	76.2	2641.3	21073	93.5	86.2	80.6	32.65
41	71.94	364.2	26076	53.76	460.0	24440	0.571	172.51	78.1	2567.4	20995	93.7	85.9	80.5	33.46

42	71.96	365.1	26140	52.48	470.2	24369	0.570	166.45	79.9	2491.5	20843	93.2	85.5	79.7	34.27
43	71.95	363.9	26054	51.47	478.3	24291	0.570	161.71	81.9	2412.3	20685	93.2	85.2	79.4	35.08
44	71.99	363.8	26041	50.07	490.9	24233	0.569	154.81	84.0	2332.0	20509	93.1	84.6	78.8	35.90
45	71.98	364.0	26044	48.99	502.1	24140	0.567	150.16	86.5	2240.8	20295	92.7	84.1	77.9	36.71
46	71.91	364.0	26010	47.92	513.1	24039	0.565	145.37	88.9	2159.0	20096	92.4	83.6	77.3	37.52
47	71.95	364.4	26055	46.50	527.8	24008	0.565	138.80	91.6	2070.0	19852	92.1	82.7	76.2	38.33
48	71.96	364.3	26033	45.37	540.1	23905	0.563	133.67	94.0	1987.8	19564	91.8	81.8	75.1	39.14
49	71.93	364.5	26031	43.82	556.5	23709	0.561	126.42	97.4	1897.5	19350	91.1	81.6	74.3	39.95
50	71.98	362.9	25926	42.39	571.0	23470	0.560	119.41	100.5	1761.0	18531	90.5	79.0	71.5	40.76