

Changzhou Goldenmotor Technology Co.,Ltd

Customer:	Voltage: 72V
ProductName HPM Motor	Power rated: 20KW
Motor Type: 72V20KW	Tester: Liuzhipeng WangChao
Number:	Test Data: 2023.09.14

Number	Voltage V	Current A	Power W	Motor_Volt V	Motor_Curr A	Motor_Power W	PF	Freque Hz	Torque N.m	Speed rpm	Pout W	Control_Eff %	Motor_Eff %	Eff %	Time S
1	72.28	26.16	1394	50.38	26.93	1348	0.574	323.22	2.2	4044.9	931.7	96.7	69.1	66.9	0.000
2	72.25	36.01	2349	50.14	30.02	1828	0.701	314.48	4.1	3989.0	1712	77.8	93.7	72.9	3.027
3	72.29	48.26	3257	50.03	41.59	3032	0.841	266.32	6.8	3966.0	2824	93.1	93.1	86.7	5.039
4	72.31	65.94	4568	49.85	53.52	4037	0.873	261.00	9.6	3915.6	3936	88.4	97.5	86.2	7.052
5	72.22	80.39	5602	49.70	65.78	5109	0.902	259.48	12.0	3893.9	4892	91.2	95.8	87.3	9.064
6	72.29	89.66	6333	49.64	75.74	5985	0.918	257.05	14.2	3861.2	5741	94.5	95.9	90.6	11.08
7	72.28	104.5	7371	49.60	88.06	6946	0.918	255.37	16.6	3833.8	6663	94.2	95.9	90.4	13.09
8	72.30	117.3	8284	49.53	99.13	7842	0.921	252.81	19.2	3794.5	7628	94.7	97.3	92.1	15.10
9	72.23	131.1	9314	49.47	112.5	8906	0.924	251.11	21.8	3766.0	8596	95.6	96.5	92.3	17.11
10	72.24	144.6	10311	49.41	123.6	9753	0.921	248.38	24.4	3726.4	9520	94.6	97.6	92.3	19.13
11	72.18	157.3	11178	49.36	136.6	10734	0.918	246.60	26.6	3701.7	10309	96.0	96.0	92.2	21.14
12	72.24	170.4	12134	49.31	149.1	11632	0.912	244.04	29.2	3661.3	11193	95.9	96.2	92.2	23.15
13	72.14	184.6	13218	49.26	160.2	12444	0.910	241.75	31.7	3626.3	12036	94.1	96.7	91.1	25.16
14	72.17	195.2	13904	49.19	172.9	13301	0.902	238.64	34.1	3583.7	12795	95.7	96.2	92.0	27.18
15	72.19	209.6	14991	49.14	186.6	14237	0.896	236.45	36.8	3549.5	13676	95.0	96.1	91.2	29.19
16	72.20	220.0	15761	49.09	199.5	15123	0.891	234.17	39.3	3514.6	14462	95.9	95.6	91.8	31.20
17	72.13	232.2	16591	49.05	211.5	15901	0.884	231.62	41.8	3476.2	15213	95.8	95.7	91.7	33.21
18	72.18	243.4	17472	48.99	224.5	16730	0.877	229.06	44.5	3436.5	16011	95.7	95.7	91.6	35.23
19	72.20	255.6	18331	48.94	238.6	17608	0.870	226.78	46.8	3402.1	16670	96.1	94.7	90.9	37.24
20	72.16	268.2	19204	48.90	250.5	18316	0.862	223.95	49.3	3362.4	17356	95.4	94.8	90.4	39.25
21	72.11	277.0	19866	48.85	264.2	19110	0.854	221.42	51.9	3321.9	18052	96.2	94.5	90.9	41.26
22	72.15	290.4	20825	48.80	277.2	19857	0.846	218.92	54.5	3283.8	18739	95.3	94.4	90.0	43.28
23	72.15	301.4	21627	48.75	291.4	20644	0.838	216.14	57.2	3245.0	19434	95.5	94.1	89.9	45.29
24	72.19	310.6	22281	48.71	304.7	21368	0.830	213.82	59.5	3207.8	19983	95.9	93.5	89.7	47.30
25	72.14	321.6	23081	48.66	317.3	22020	0.822	211.11	62.1	3165.5	20582	95.4	93.5	89.2	49.31
26	72.12	323.6	23180	48.09	327.0	22432	0.823	205.97	62.4	3112.0	20332	96.8	90.6	87.7	51.33
27	72.18	318.0	22796	46.87	331.2	21868	0.812	197.45	65.3	2976.8	20352	95.9	93.1	89.3	53.34
28	72.16	321.3	23031	45.39	349.3	22097	0.804	189.03	68.3	2840.8	20315	95.9	91.9	88.2	55.35
29	72.12	319.1	22838	43.68	361.3	21894	0.800	179.87	70.7	2708.9	20052	95.9	91.6	87.8	57.36
30	72.25	297.1	21284	41.83	367.1	21243	0.798	169.07	72.3	2554.3	19336	99.8	91.0	90.8	59.37
31	72.11	316.8	22672	40.95	389.9	21631	0.782	163.09	75.8	2460.0	19523	95.4	90.3	86.1	61.39
32	72.19	295.8	21214	38.38	392.5	20466	0.784	149.32	76.8	2259.1	18165	96.5	88.8	85.6	63.40
33	72.21	253.2	18168	32.88	399.8	18029	0.792	125.42	78.8	1885.8	15559	99.2	86.3	85.6	65.41
34	72.24	169.8	12212	22.22	402.5	12507	0.807	76.69	80.0	1187.1	9943	102.4	79.5	81.4	67.42
35	72.27	78.33	5642	10.33	403.0	5981	0.830	33.97	80.6	377.0	3181	106.0	53.2	56.4	69.44
36	72.68	14.86	997.9	2.413	6.873	3.498	0.105	0.00	28.9	109.2	330.4	0.4	9445.4	33.1	71.45
37	72.28	0.000	0.000	0.000	0.000	0.000	0.000	0.00	1.0	0	0	0.0	0.0	0.0	73.46

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