

Changzhou Goldenmotor Technology Co.,Ltd

Customer:
 ProductName HPM Motor
 Motor Type: 96V20KW
 Number:

Voltage: 96V
 Power rated: 20KW
 Tester: Liuzhipeng WangChao
 Test Data: 2023.9.14

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	96.34	28.48	1921	67.33	24.40	1699	0.597	286.82	2.4	3942.1	990.6	88.4	58.3	51.6	0.000
2	96.38	32.32	2699	67.20	26.54	2213	0.717	259.44	4.4	3895.8	1795	82.0	81.1	66.5	3.027
3	96.34	42.68	3708	67.11	33.00	3158	0.823	261.24	6.6	3881.4	2682	85.2	84.9	72.3	5.039
4	96.32	58.21	5255	67.18	44.96	4707	0.900	258.93	10.4	3877.2	4222	89.6	89.7	80.3	7.052
5	96.29	60.86	5530	66.94	48.98	5189	0.914	256.84	11.3	3860.2	4567	93.8	88.0	82.6	9.064
6	96.30	80.15	7388	66.88	61.44	6606	0.928	254.94	15.5	3819.9	6199	89.4	93.8	83.9	11.08
7	96.27	82.62	7617	66.76	66.75	7292	0.945	255.08	16.5	3824.6	6607	95.7	90.6	86.7	13.09
8	96.24	96.60	9024	66.73	75.11	8162	0.940	252.12	19.9	3779.3	7874	90.4	96.5	87.3	15.10
9	96.33	104.0	9761	66.56	83.99	9136	0.944	250.82	21.6	3764.7	8515	93.6	93.2	87.2	17.11
10	96.30	114.0	10798	66.63	93.14	10153	0.945	249.85	24.6	3746.3	9649	94.0	95.0	89.4	19.13
11	96.32	126.7	11953	66.57	102.8	11181	0.943	248.50	27.2	3722.2	10600	93.5	94.8	88.7	21.14
12	96.31	136.3	12778	66.50	110.6	11944	0.938	246.28	29.6	3696.2	11456	93.5	95.9	89.6	23.15
13	96.27	143.7	13563	66.43	119.3	12830	0.935	244.45	31.7	3669.7	12180	94.6	94.9	89.8	25.16
14	96.24	152.3	14470	66.36	128.4	13858	0.939	242.96	34.1	3643.8	13009	95.8	93.9	89.9	27.18
15	96.25	163.7	15579	66.31	138.4	14845	0.934	241.48	37.0	3622.5	14033	95.3	94.5	90.1	29.19
16	96.29	174.3	16482	66.28	147.3	15653	0.926	239.10	39.5	3584.4	14824	95.0	94.7	89.9	31.20
17	96.21	183.2	17426	66.22	155.6	16448	0.922	236.96	41.9	3558.7	15612	94.4	94.9	89.6	33.21
18	96.23	192.3	18326	66.14	165.7	17426	0.918	235.62	44.5	3530.1	16447	95.1	94.4	89.7	35.23
19	96.19	200.6	19120	66.07	174.9	18272	0.913	233.15	47.0	3497.1	17210	95.6	94.2	90.0	37.24
20	96.22	208.9	19907	66.00	183.5	19152	0.913	230.71	49.5	3464.5	17955	96.2	93.8	90.2	39.25
21	96.19	219.9	20996	65.94	194.2	20026	0.903	229.06	52.3	3432.4	18795	95.4	93.9	89.5	41.26
22	96.10	227.5	21682	65.90	202.4	20841	0.902	226.89	54.6	3406.2	19473	96.1	93.4	89.8	43.28
23	96.16	235.5	22457	65.84	212.9	21557	0.888	224.52	57.1	3369.3	20144	96.0	93.4	89.7	45.29
24	96.14	245.9	23512	65.82	223.3	22589	0.887	222.84	59.9	3342.7	20965	96.1	92.8	89.2	47.30
25	96.19	252.5	24140	65.76	231.5	23194	0.880	221.01	62.2	3314.5	21585	96.1	93.1	89.4	49.31
26	96.14	262.1	24996	65.72	242.0	24117	0.876	218.60	64.8	3276.3	22228	96.5	92.2	88.9	51.33
27	96.33	249.6	23907	64.78	249.5	24503	0.875	215.61	65.4	3247.1	22234	102.5	90.7	93.0	53.34
28	96.12	259.6	24828	63.13	253.1	23787	0.859	205.95	68.3	3105.7	22210	95.8	93.4	89.5	55.35
29	96.14	259.2	24797	61.24	263.6	23616	0.845	197.28	70.8	2967.4	21997	95.2	93.1	88.7	57.36
30	96.15	259.4	24823	59.62	273.0	23440	0.831	189.09	73.6	2840.4	21889	94.4	93.4	88.2	59.37
31	96.11	255.9	24464	57.27	281.2	22976	0.824	179.63	75.6	2709.0	21443	93.9	93.3	87.6	61.39
32	96.16	255.6	24463	55.43	291.9	22859	0.816	171.77	78.7	2579.4	21255	93.4	93.0	86.9	63.40
33	96.19	255.2	24426	53.76	303.3	22710	0.804	164.17	81.5	2472.7	21100	93.0	92.9	86.4	65.41
34	96.17	256.5	24554	52.42	315.2	22770	0.796	158.24	84.4	2381.5	21045	92.7	92.4	85.7	67.42
35	96.14	258.2	24732	51.23	326.4	22862	0.789	153.29	87.3	2298.2	21006	92.4	91.9	84.9	69.44
36	96.13	258.4	24747	49.92	337.9	22889	0.783	147.39	90.2	2216.5	20933	92.5	91.5	84.6	71.45
37	96.16	259.4	24861	48.68	348.7	22868	0.778	142.19	93.0	2134.9	20788	92.0	90.9	83.6	73.46
38	96.11	259.4	24851	47.26	361.3	22831	0.772	136.35	96.2	2045.8	20606	91.9	90.3	82.9	75.47
39	96.14	259.1	24827	45.82	374.3	22818	0.768	130.66	99.3	1963.8	20417	91.9	89.5	82.2	77.49
40	96.17	257.8	24707	43.73	393.2	22730	0.763	120.78	105.1	1813.5	19956	92.0	87.8	80.8	79.50
41	96.18	253.3	24208	40.91	416.9	22917	0.776	109.65	110.6	1656.0	19176	94.7	83.7	79.2	81.51
42	96.17	219.9	21048	36.30	420.0	20578	0.779	92.27	110.8	1398.8	16227	97.8	78.9	77.1	83.52
43	96.27	156.1	14955	25.42	421.4	14360	0.774	61.98	112.6	898.1	10589	96.0	73.7	70.8	85.54
44	96.24	77.80	7463	11.73	415.1	6881	0.816	28.52	113.8	310.4	3698	92.2	53.7	49.6	87.55
45	96.61	30.77	2947	3.458	16.22	131.3	1.000	0.00	59.2	69.5	430.8	4.5	328.0	14.6	89.56

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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	96.21	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.8	15.0	1.256	0.0	0.0	0.0	91.57

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