

Changzhou Goldenmotor Technology Co.,Ltd

Customer:

Voltage: 120V

ProductName: HPM Motor

Power rated: 20KW

Motor Type: 120V20KW

Tester: Liu zhipeng Wang Chao

Number: 2012122211009

Number	Input Voltage	Input Current	Input Power	Motor Voltage	Motor Current	Motor Power	Motor Power Factor	Motor Frequency	Torque	Speed	Output Power	Controllor Efficiency	Motor Efficiency	Total Efficiency	Time
	V	A	W	V	A	W		Hz	N.m	rpm	W	%	%	%	S
1	120.2	15.77	1895	87.97	15.19	1908	0.824	264.04	2.4	3958.8	994.8	100.7	52.1	52.5	0.000
2	120.3	19.95	2398	88.11	17.46	2211	0.830	261.86	3.7	3929.8	1522	92.2	68.9	63.5	2.620
3	120.3	25.86	3108	88.43	22.73	2903	0.834	259.10	5.6	3886.8	2279	93.4	78.5	73.3	4.227
4	120.2	32.29	3880	88.74	28.48	3640	0.832	256.37	7.6	3844.5	3059	93.8	84.0	78.8	5.834
5	120.2	39.11	4700	89.11	34.90	4428	0.822	253.44	9.6	3801.2	3821	94.2	86.3	81.3	7.441
6	120.3	46.23	5555	89.45	42.06	5288	0.812	250.27	11.9	3756.1	4680	95.2	88.5	84.2	9.048
7	120.2	52.15	6266	89.75	48.48	6035	0.801	247.83	13.6	3720.4	5298	96.3	87.8	84.5	10.65
8	120.2	58.16	6986	89.99	54.02	6671	0.792	245.45	16.0	3681.9	6168	95.5	92.5	88.3	12.26
9	120.3	63.98	7686	90.28	60.71	7423	0.782	243.41	17.5	3650.8	6689	96.6	90.1	87.0	13.87
10	120.2	70.34	8449	90.56	66.85	8079	0.770	240.88	19.8	3611.3	7486	95.6	92.7	88.6	15.48
11	120.2	76.19	9152	90.87	73.84	8825	0.759	238.56	21.5	3578.4	8055	96.4	91.3	88.0	17.08
12	120.3	81.66	9814	91.14	80.62	9539	0.749	236.68	23.4	3548.9	8695	97.2	91.2	88.6	18.69
13	120.2	88.30	10610	91.42	87.64	10260	0.739	234.41	25.6	3514.1	9420	96.7	91.8	88.8	20.30
14	120.2	94.33	11336	91.69	94.75	10980	0.730	232.15	27.8	3483.3	10139	96.9	92.3	89.4	21.90
15	120.2	100.1	12026	91.94	101.3	11626	0.721	230.27	29.5	3453.9	10668	96.7	91.8	88.7	23.51
16	120.2	106.0	12732	92.21	108.8	12352	0.710	228.28	31.7	3423.9	11365	97.0	92.0	89.3	25.12
17	120.2	111.6	13408	92.43	115.7	13016	0.703	226.34	33.7	3396.9	11986	97.1	92.1	89.4	26.72
18	120.2	117.1	14068	92.68	122.2	13613	0.694	224.53	35.8	3368.6	12626	96.8	92.8	89.8	28.33
19	120.2	122.3	14695	92.89	129.1	14259	0.686	222.93	37.6	3342.7	13159	97.0	92.3	89.5	29.94
20	120.2	128.3	15419	93.17	137.0	14957	0.676	221.07	39.6	3316.1	13750	97.0	91.9	89.2	31.54
21	120.2	133.8	16069	93.40	144.2	15596	0.668	219.38	41.6	3291.0	14334	97.0	91.9	89.2	33.15
22	120.2	139.1	16702	93.63	151.7	16245	0.660	217.77	43.5	3267.3	14881	97.3	91.6	89.1	34.76
23	120.2	144.7	17385	93.85	159.3	16904	0.653	215.96	45.6	3242.2	15479	97.2	91.6	89.0	36.36
24	120.2	150.6	18091	94.09	167.1	17560	0.645	214.43	47.7	3217.0	16066	97.1	91.5	88.8	37.97
25	120.2	155.4	18672	94.29	173.3	18074	0.638	212.88	49.6	3194.4	16590	96.8	91.8	88.8	39.58
26	120.1	160.8	19308	94.60	182.4	18778	0.628	211.29	51.6	3170.4	17128	97.3	91.2	88.7	41.18
27	120.1	166.4	19975	94.82	190.4	19412	0.621	209.60	53.8	3146.0	17722	97.2	91.3	88.7	42.79
28	120.2	171.6	20598	95.03	197.4	19941	0.614	208.26	55.6	3124.5	18189	96.8	91.2	88.3	44.40
29	120.1	176.9	21224	95.25	205.9	20565	0.605	206.58	57.8	3099.5	18757	96.9	91.2	88.4	46.00
30	120.1	182.1	21855	95.53	214.6	21174	0.596	205.05	59.6	3076.3	19197	96.9	90.7	87.8	47.61
31	120.1	187.3	22460	95.71	222.9	21737	0.588	203.56	61.6	3051.1	19678	96.8	90.5	87.6	49.22
32	120.1	192.1	23016	95.88	232.2	22288	0.578	201.28	63.6	3020.4	20113	96.8	90.2	87.4	50.83
33	120.1	197.0	23591	96.05	242.0	22863	0.568	199.32	65.6	2991.9	20549	96.9	89.9	87.1	52.43
34	120.2	201.4	24122	96.22	252.0	23450	0.558	197.82	67.6	2964.7	20983	97.2	89.5	87.0	54.04
35	120.1	206.0	24641	96.36	260.3	23849	0.549	195.77	69.7	2932.0	21397	96.8	89.7	86.8	55.65
36	120.1	210.0	25066	96.39	272.0	24274	0.535	192.66	71.4	2889.0	21598	96.8	89.0	86.2	57.25
37	120.1	216.1	25825	96.45	284.7	24772	0.521	190.02	73.9	2850.3	22054	95.9	89.0	85.4	58.86
38	120.1	220.0	26233	96.54	297.2	25334	0.510	187.92	75.4	2818.5	22250	96.6	87.8	84.8	60.47
39	120.1	224.8	26799	96.48	310.8	25702	0.495	184.58	77.7	2772.3	22553	95.9	87.8	84.2	62.07
40	120.0	229.9	27423	96.48	325.8	26250	0.482	182.01	79.7	2733.5	22811	95.7	86.9	83.2	63.68

41	120.1	231.2	27557	94.83	326.1	26458	0.494	179.27	81.6	2691.3	22993	96.0	86.9	83.4	65.29
42	120.2	233.9	27969	93.34	331.0	26714	0.499	176.15	83.8	2643.9	23197	95.5	86.8	82.9	66.89
43	120.1	233.0	27851	91.80	331.9	26695	0.506	172.83	85.4	2590.3	23162	95.9	86.8	83.2	68.50
44	120.2	233.0	27862	89.96	336.6	26953	0.514	168.56	87.6	2524.9	23158	96.7	85.9	83.1	70.11
45	120.2	233.1	27844	88.16	342.4	27089	0.518	164.25	89.4	2462.5	23049	97.3	85.1	82.8	71.71
46	120.1	233.2	27887	86.52	350.7	27237	0.518	159.34	91.6	2393.3	22953	97.7	84.3	82.3	73.32
47	120.2	233.7	27937	84.88	360.4	27107	0.512	155.07	93.8	2322.5	22810	97.0	84.1	81.6	74.93
48	120.1	234.8	28043	83.19	371.0	27139	0.508	150.46	96.1	2255.9	22698	96.8	83.6	80.9	76.53
49	120.1	236.8	28255	81.71	382.9	27305	0.504	146.12	98.7	2192.8	22660	96.6	83.0	80.2	78.14
50	120.2	236.4	28238	80.35	390.8	27165	0.500	141.96	101.0	2123.2	22452	96.2	82.6	79.5	79.75
51	120.2	236.0	28161	78.57	401.6	27147	0.497	136.94	103.2	2051.5	22167	96.4	81.7	78.7	81.35
52	120.1	238.3	28366	76.70	416.0	27104	0.491	132.26	106.5	1980.6	22086	95.6	81.5	77.9	82.96
53	120.2	238.1	28283	74.74	432.2	26872	0.480	126.09	110.0	1881.9	21675	95.0	80.7	76.6	84.57