

200N.m testing data

电机型号		67			额定电压		48(V)					
单位名称		200			额定电流		10.0(A)					
测试人		蔡			额定功率		1000(W)					
测试日期		2024-06-25			额定转速		100(r/m)					
No.	U(V)	I(A)	Pin(W)	T(N.m)	S(r/m)	Pout(W)	η (%)					
003	48.1	0.793	38.22	0.7	124.0	10.06	27.0					
004	48.1	0.907	43.73	1.3	122.0	17.73	40.5					
005	48.1	1.071	51.18	1.9	121.0	25.55	49.9					
006	48.1	1.291	61.73	2.7	122.0	35.58	59.2					
007	48.1	1.556	74.98	3.8	120.0	49.97	66.6					
008	48.1	1.884	90.77	5.0	121.0	63.38	71.9					
009	48.1	2.249	108.3	6.6	120.0	84.40	77.9					
010	48.1	2.667	128.4	8.1	120.0	103.0	81.8					
011	48.1	3.126	150.5	9.9	118.0	124.0	83.0					
012	48.1	3.615	174.1	12.0	118.0	148.0	85.0					
013	48.1	4.145	199.5	13.8	117.0	169.0	86.9					
014	48.1	4.695	226.0	16.3	116.0	199.0	88.1					
015	48.1	5.261	253.2	18.5	113.0	219.0	89.5					
016	48.1	5.849	281.5	20.8	113.0	246.0	90.2					
017	48.1	6.404	306.8	23.1	112.0	269.0	87.7					
018	48.1	6.989	335.0	25.3	112.0	297.0	90.5					
019	48.1	7.552	363.2	27.9	111.0	325.0	89.5					
020	48.0	8.152	392.0	30.4	109.0	347.0	90.0					
021	48.0	8.756	421.0	32.9	108.0	372.0	89.7					
022	48.0	9.352	449.6	35.5	107.0	398.0	88.5					
023	48.0	9.985	479.9	37.8	105.0	416.0	87.8					
024	48.0	10.61	510.1	40.6	106.0	452.0	88.6					
025	48.0	11.22	539.5	43.2	104.0	471.0	88.0					
026	48.0	11.86	570.1	45.9	104.0	500.0	88.3					
027	48.0	12.51	601.2	48.8	101.0	522.0	86.8					
028	48.0	13.16	632.2	51.2	102.0	548.0	87.2					
029	48.0	13.79	662.3	54.3	100.0	569.0	85.9					
030	48.0	14.47	695.0	57.3	98.0	588.0	84.6					
031	48.0	15.12	725.9	59.9	98.0	615.0	85.4					
032	47.9	15.77	756.8	62.9	97.0	639.0	84.4					
033	47.9	16.39	786.7	65.4	97.0	665.0	85.0					
034	47.9	17.04	817.9	68.3	95.0	680.0	83.1					
035	47.9	17.71	849.9	71.4	95.0	710.0	83.5					
036	47.9	18.38	881.7	74.0	93.0	713.0	81.5					
037	47.9	19.04	913.1	77.1	93.0	743.0	81.4					
038	47.9	19.72	945.7	79.7	91.0	760.0	81.0					
039	47.9	20.39	976.7	82.5	91.0	791.1	81.0					
040	47.9	21.05	1008.3	85.3	90.0	816.7	81.0					
041	47.9	21.71	1039.9	88.3	90.0	831.7	80.0					
042	47.9	22.37	1071.5	91.2	89.0	857.2	80.0					
043	47.9	23.02	1102.7	94.2	89.0	882.1	80.0					
044	47.9	23.67	1133.8	97.1	88.0	904.8	79.8					
045	47.9	24.32	1164.9	100.2	88.0	926.1	79.5					
046	47.9	24.97	1196.1	103.0	87.0	950.9	79.5					
047	47.9	25.62	1227.2	105.9	87.0	975.6	79.5					
048	47.9	26.27	1258.3	108.8	86.0	997.8	79.3					
049	47.9	26.92	1289.5	111.9	86.0	1021.3	79.2					

No.	U(V)	I(A)	Pin(W)	T(N.m)	S(r/m)	Pout(W)	η (%)					
050	47.9	27.57	1320.6	114.8	85.0	1043.3	79.0					
051	47.9	28.22	1351.7	117.9	85.0	1067.8	79.0					
052	47.9	28.87	1382.9	120.7	84.0	1091.1	78.9					
053	47.9	29.52	1414.0	123.8	84.0	1115.6	78.9					
054	47.9	30.18	1445.6	127.0	83.0	1139.1	78.8					
055	47.9	30.84	1477.2	130.1	83.0	1164.0	78.8					
056	47.9	31.50	1508.9	133.0	82.0	1187.5	78.7					
057	47.9	32.16	1540.5	136.2	82.0	1210.8	78.6					
058	47.9	32.82	1572.1	139.5	81.0	1232.5	78.4					
059	47.9	33.48	1603.7	142.6	81.0	1254.1	78.2					
060	47.9	34.14	1635.3	145.8	80.0	1275.5	78.0					
061	47.8	34.82	1664.4	148.7	80.0	1281.6	77.0					
062	47.8	35.31	1687.8	151.9	79.0	1296.2	76.8					
063	47.8	36.00	1720.8	155.0	79.0	1318.1	76.6					
064	47.8	36.69	1753.8	158.1	78.0	1339.9	76.4					
065	47.8	37.38	1786.8	162.0	78.0	1361.5	76.2					
066	47.8	38.07	1819.7	165.2	77.0	1383.0	76.0					
067	47.8	38.76	1852.7	168.1	77.0	1404.3	75.8					
068	47.8	39.46	1886.2	171.3	76.0	1424.1	75.5					
069	47.8	40.16	1919.6	174.5	75.0	1420.5	74.0					
070	47.8	40.86	1953.1	177.9	73.0	1406.2	72.0					
071	47.8	41.56	1986.6	189.0	71.0	1390.6	70.0					
072	47.8	42.26	2020.0	191.2	68.0	1373.6	68.0					
073	47.8	42.96	2053.5	195.0	65.0	1355.3	66.0					
074	47.8	43.66	2086.9	198.8	60.0	1335.6	64.0					
075	47.8	44.36	2120.4	200.1	50.0	1335.9	63.0					