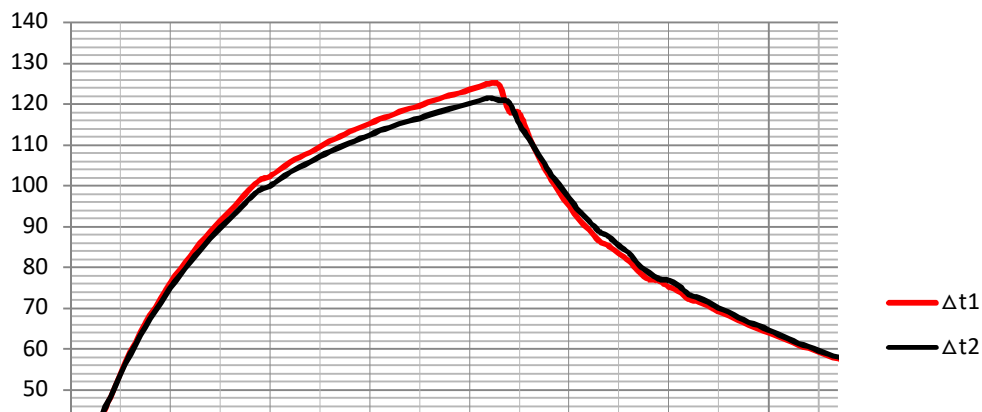


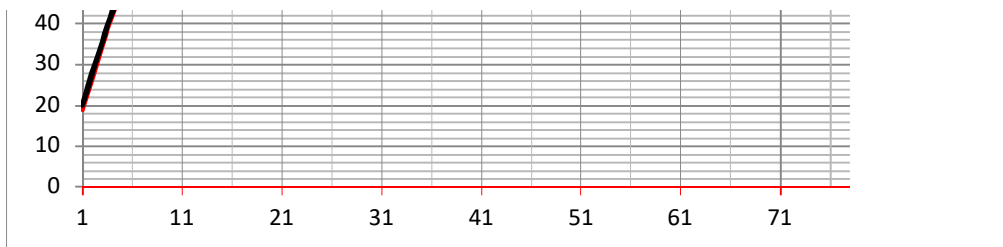
电机温升实验报告

产品名称	HPM风冷电机	型号	HPM5000	测试仪器	MTS-11电机测试系统； 8/16多路温度巡检仪			RK-
主要参数	电压(V)	48	环境温度t0 (°C)		6.5	负载 (Nm)	13	
起始	输入电流	电机电流	扭矩	转速	功率	测试功率范围		
	125.7	108.7	12.97	3740	5817			
结束	输入电流	电机电流	扭矩	转速	功率	5817W-6128W		
	133	124.1	13.07	4013.4	6128			
时间/分钟	温度t1 (°C)	温升△t1 (K)	温度t2 (°C)	温升△t1(K)	输入电流(A)	输出电流(A)	转速(RPM)	备注
1	25.1	19	26.2	20.1				温升过程
2	33.1	27	34.3	28.2	125.7	108.7	3740	
3	41	34.9	41.8	35.7	127.2	10.4	3757.6	
4	48.7	42.6	49.2	43.1	127.4	111.2	3776.2	
5	54.3	48.2	54.4	48.3	127.9	111.5	3797.4	
6	60.1	54	59.8	53.7	127.9	112.6	3797.3	
7	65.3	59.2	64.9	58.8	128.4	113.5	3839	
8	70.3	64.2	69.5	63.4	128.9	114.3	3851.5	
9	74.5	68.4	73.5	67.4	129.4	114.8	3859.1	
10	78.4	72.3	77.3	71.2	129.4	115.5	3871.5	
11	82.3	76.2	81	74.9	129.9	116.1	3880.7	
12	85.70	79.6	84.2	78.1	129.9	116.4	3888.3	
13	88.8	82.7	87.4	81.3	130.3	117	3898	
14	92	85.9	90.4	84.3	131.2	117.8	3901.5	
15	94.8	88.7	93.1	87	131.3	118.3	3913	
16	97.5	91.4	95.7	89.6	131.3	118.9	3923.7	
17	100	93.9	98.1	92	132	119.3	3928.8	
18	102.5	96.4	100.4	94.3	131.6	119.4	3936.5	
19	105.3	99.2	103.1	97	131.3	119.5	3948	
20	107.5	101.4	105.1	99	131.2	119.7	3953	
21	108.4	102.3	106	99.9	131.3	119.7	3956.2	
22	110.10	104	107.8	101.7	131.5	119.7	3967	
23	111.8	105.7	109.4	103.3	131.2	119.5	3973.3	
24	113.1	107	110.7	104.6	131.6	118.8	3982.6	
25	114.3	108.2	111.9	105.8	131	119.4	3985.5	
26	115.7	109.6	113.3	107.2	130.9	119.5	3990.3	
27	117	110.9	114.4	108.3	131	120.1	3989.9	
28	118.1	112	115.5	109.4	131.2	120.5	3989.8	
29	119.3	113.2	116.5	110.4	131.7	120.7	3996.1	
30	120.3	114.2	117.6	111.5	131.4	121.1	3998.3	
31	121.3	115.2	118.5	112.4	131.6	121.2	3999.4	
32	122.4	116.3	119.6	113.5	132.2	121.9	3998.2	
33	123.2	117.1	120.3	114.2	132.2	121.9	4001.9	
34	124.2	118.1	121.2	115.1	131.7	121.9	4002.5	
35	125	118.9	122	115.9	132.3	122.3	4003.2	
36	125.6	119.5	122.6	116.5	132.1	122.4	4006.6	
37	126.6	120.5	123.5	117.4	132.9	122.7	4006.5	
38	127.4	121.3	124.2	118.1	132.5	122.8	4006.5	
39	128.2	122.1	124.9	118.8	132.9	123.1	4006.8	
40	128.8	122.7	125.5	119.4	137.9	123.3	4010.2	

41	129.6	123.5	126.2	120.1	133.3	123.6	4010.8
42	130.3	124.2	126.9	120.8	133.1	123.7	4012.3
43	131.1	125	127.6	121.5	133	124.1	4013.4
44	130.7	124.6	127	120.9	0	0	0
45	124.2	118.1	126.4	120.3	0	0	0
46	123.9	117.8	121.2	115.1	0	0	0
47	118	111.9	117.5	111.4	0	0	0
48	113	106.9	113.6	107.5	0	0	0
49	108.3	102.2	109.5	103.4	0	0	0
50	104.6	98.5	106.3	100.2	0	0	0
51	101	94.9	103.1	97	0	0	0
52	97.8	91.7	99.9	93.8	0	0	0
53	95.2	89.1	97.5	91.4	0	0	0
54	92.6	86.5	94.9	88.8	0	0	0
55	91.3	85.2	93.6	87.5	0	0	0
56	89.4	83.3	91.4	85.3	0	0	0
57	87.7	81.6	89.6	83.5	0	0	0
58	85	78.9	86.7	80.6	0	0	0
59	83.1	77	84.8	78.7	0	0	0
60	82.8	76.7	83.3	77.2	0	0	0
61	81.3	75.2	82.9	76.8	0	0	0
62	80.2	74.1	81.6	75.5	0	0	0
63	78.3	72.2	79.5	73.4	0	0	0
64	77.6	71.5	78.6	72.5	0	0	0
65	76.6	70.5	77.6	71.5	0	0	0
66	75.2	69.1	76.2	70.1	0	0	0
67	74.3	68.2	75.2	69.1	0	0	0
68	73.2	67.1	73.9	67.8	0	0	0
69	72	65.9	72.7	66.6	0	0	0
70	71.1	65	71.9	65.8	0	0	0
71	70	63.9	70.7	64.6	0	0	0
72	69.1	63	69.7	63.6	0	0	0
73	68.2	62.1	68.6	62.5	0	0	0
74	67	60.9	67.5	61.4	0	0	0
75	66.3	60.2	66.7	60.6	0	0	0
76	65.4	59.3	65.7	59.6	0	0	0
77	64.4	58.3	64.8	58.7	0	0	0
78	63.7	57.6	64.1	58	0	0	0

冷却过程





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