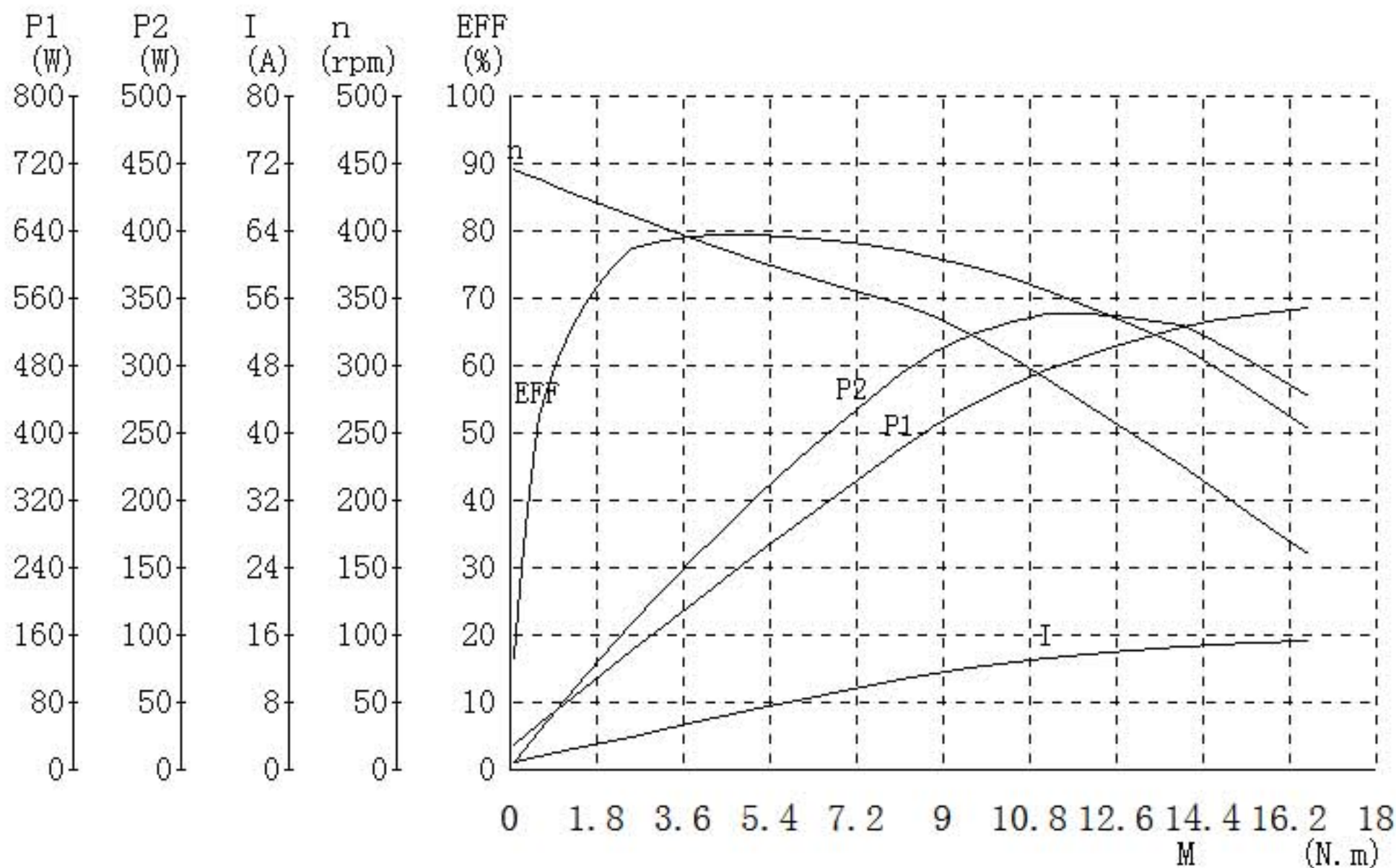


电机测试报告

额定电压(Voltage): 48V

客户档案(Filename): 陈光云36V小电机.gzd

测试日期(Test Date): 2008.07.30



特性参数(Parameter)

不加载点(No_Load)

转速 (n) = 445.6 (rpm)
电流 (I) = 0.788 (A)

结束点(End)

转矩 (M) = 16.63 (N.m)
电流 (I) = 15.18 (A)

最高效率点(Max_Efficiency)

效率 (Eff) = 79.5 (%)
转速 (n) = 387.8 (rpm)
转矩 (M) = 4.25 (N.m)
电流 (I) = 6.016 (A)
输出功率 (P2) = 172.5 (W)

最大输出功率点(Max_Pout)

效率 (Eff) = 68.5 (%)
转速 (n) = 267.4 (rpm)
转矩 (M) = 12.13 (N.m)
电流 (I) = 13.74 (A)
输出功率 (P2) = 339.6 (W)

NO:	U	I	P1	M	n	P2	EFF
	(V)	(A)	(W)	(N. m)	(rpm)	(W)	(%)
1	36.06	0.788	28.43	0.10	445.6	4.66	16.4
2	36.06	0.851	30.71	0.13	444.1	6.04	19.6
3	36.06	1.064	38.38	0.30	442.1	13.88	36.1
4	36.05	1.476	53.23	0.61	437.6	27.94	52.5
5	36.05	2.091	75.42	1.09	429.9	49.06	65.0
6	36.05	2.960	106.7	1.76	420.4	77.46	72.5
7	36.05	3.875	139.7	2.52	410.2	108.2	77.4
8	36.04	4.883	176.0	3.33	399.6	139.3	79.1
9	36.04	6.016	216.8	4.25	387.8	172.5	79.5
10	36.03	7.147	257.5	5.17	377.1	204.1	79.2
11	36.03	8.306	299.3	6.17	365.5	236.1	78.8
12	36.03	9.392	338.4	7.14	354.9	265.3	78.4
13	36.03	10.56	380.6	8.13	344.6	293.3	77.0
14	36.02	11.68	420.9	9.10	334.9	319.0	75.7
15	36.02	12.45	448.7	10.12	312.7	331.3	73.8
16	36.03	13.19	475.4	11.17	289.3	338.3	71.1
17	36.03	13.74	495.3	12.13	267.4	339.6	68.5
18	36.03	14.16	510.6	13.04	245.0	334.4	65.5
19	36.04	14.56	525.1	13.99	224.8	329.2	62.7
20	36.04	14.92	538.1	14.93	201.0	314.1	58.3
21	36.04	14.98	540.1	15.80	177.8	294.1	54.4
22	36.05	15.18	547.4	16.63	158.6	276.1	50.4