

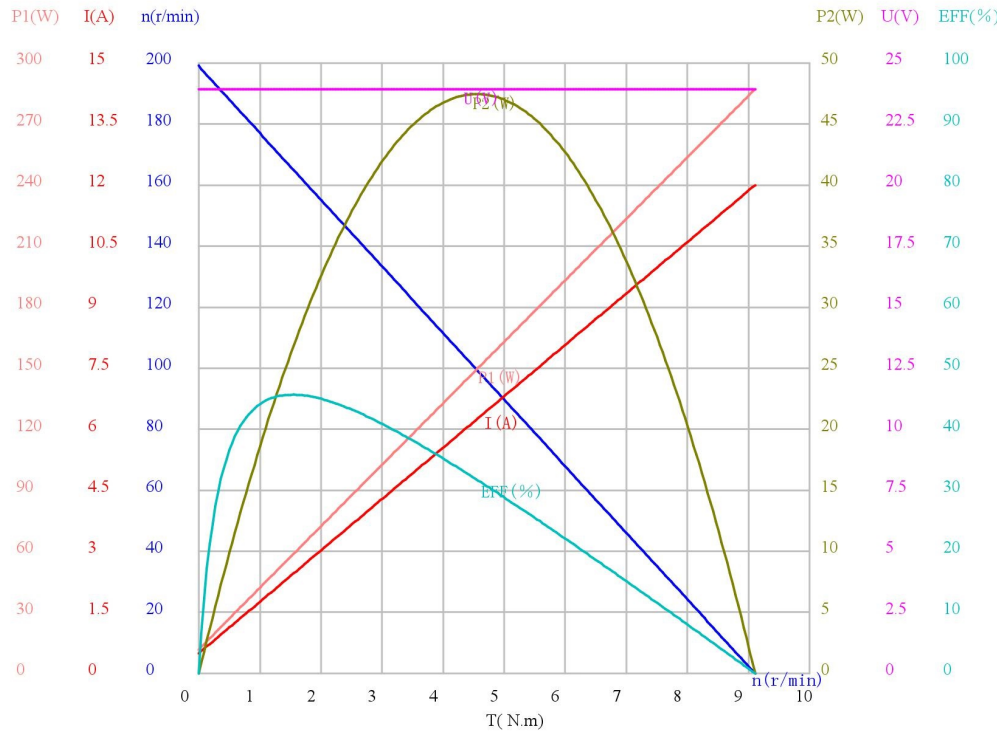
Motor Characteristics Curve

电机测试曲线

报告编号: 20190703-IG45-33K
 变速器变比(电机/输出): 1/1
 样机编号:

客户:
 特性参数: /
 报告序号: 84143

电机型号: IG45-33K
 样机转向: 逆时针 (CCW)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
23.92	0.489	11.71	0.000	199.1	0.000	0.000	0.999
23.92	0.778	18.63	0.224	194.0	4.569	24.52	0.999
23.92	1.068	25.55	0.453	189.0	8.985	35.16	1.000
23.92	1.357	32.48	0.682	184.0	13.16	40.53	1.000
23.92	1.646	39.40	0.911	179.0	17.10	43.40	1.000
23.92	1.935	46.32	1.140	174.0	20.80	44.90	1.000
23.92	2.225	53.24	1.369	169.0	24.25	45.55	1.000
23.92	2.514	60.17	1.598	164.0	27.47	45.66	1.000
23.92	2.803	67.09	1.827	159.0	30.45	45.38	1.000
23.92	3.092	74.01	2.056	154.0	33.18	44.84	1.000
23.92	3.382	80.93	2.285	149.0	35.68	44.09	1.000
23.92	3.671	87.86	2.514	144.0	37.94	43.18	1.000
23.92	3.960	94.78	2.743	139.0	39.96	42.16	1.000
23.92	4.249	101.7	2.972	134.0	41.73	41.04	1.000
23.92	4.539	108.6	3.201	129.0	43.27	39.84	1.000
23.92	4.828	115.5	3.430	124.0	44.57	38.57	1.000
23.92	5.117	122.5	3.659	119.0	45.63	37.26	1.000
23.92	5.406	129.4	3.888	114.0	46.44	35.90	1.000
23.92	5.696	136.3	4.117	109.0	47.02	34.50	1.000
23.92	5.985	143.2	4.346	104.0	47.36	33.07	1.000
23.92	6.274	150.2	4.575	99.0	47.46	31.61	1.000
23.92	6.563	157.1	4.804	94.0	47.32	30.12	1.000
23.92	6.853	164.0	5.033	89.0	46.94	28.62	1.000
23.92	7.142	170.9	5.262	84.0	46.31	27.10	1.000
23.92	7.431	177.8	5.491	79.0	45.45	25.56	1.000
23.92	7.720	184.8	5.720	74.0	44.35	24.00	1.000
23.92	8.010	191.7	5.949	69.0	43.01	22.44	1.000
23.92	8.299	198.6	6.178	64.0	41.43	20.86	1.000
23.92	8.588	205.5	6.407	59.0	39.61	19.27	1.000
23.92	8.877	212.5	6.636	54.0	37.55	17.67	1.000
23.92	9.167	219.4	6.865	49.0	35.25	16.07	1.000
23.92	9.456	226.3	7.094	44.0	32.70	14.45	1.000
23.92	9.745	233.2	7.323	39.0	29.92	12.83	1.000
23.92	10.03	240.1	7.552	34.0	26.90	11.20	1.000
23.92	10.32	247.1	7.781	29.0	23.64	9.569	1.000
23.92	10.61	254.0	8.010	24.0	20.14	7.930	1.000
23.92	10.90	260.9	8.239	19.0	16.40	6.286	1.000
23.92	11.19	267.8	8.468	14.0	12.42	4.637	1.000
23.92	11.48	274.8	8.697	9.0	8.200	2.984	1.000
23.92	11.77	281.7	8.926	4.0	3.740	1.327	1.000
23.92	12.00	287.2	9.110	0.0	0.000	0.000	1.000

Parameters	U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
No Load	23.92	0.489	11.71	0.000	199.1	0.000	0.000	0.999
Stall	23.92	12.00	287.2	9.110	0	0	0.000	1.000
Max. Torque	23.92	12.00	287.2	9.110	0.0	0.000	0.000	1.000
Max. Power	23.92	6.274	150.2	4.575	99.0	47.46	31.61	1.000
Max. Efficiency	23.92	2.456	58.78	1.553	165.0	26.85	45.67	1.000
Rated	23.92	2.517	60.23	1.600	164.0	27.47	45.61	1.000

检验人员: 李显华

检验日期: 2019-7-3