

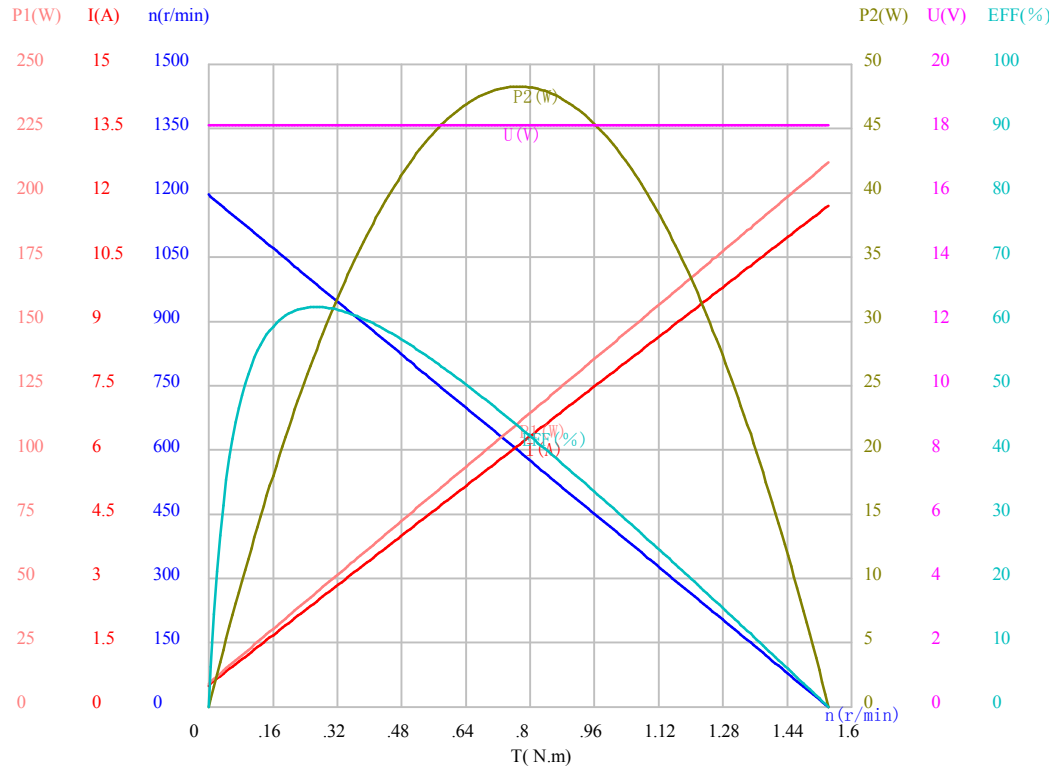
宁波声光电机有限公司

电机测试曲线

报告编号: 20200819-PG42BL42184500-3. 7K
 变速器变比(电机/输出): 3. 7/1
 样机编号: 1

客户:
 特性参数: /
 报告序号: 1

电机型号: PG42BL42184500-3. 7K
 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
18.10	0.496	8.974	0.000	1197.0	0.000	0.000	0.999
18.10	0.777	14.07	0.036	1166.9	4.414	31.37	0.999
18.10	1.059	19.17	0.074	1136.8	8.925	46.56	0.999
18.10	1.340	24.27	0.113	1106.7	13.19	54.36	0.999
18.10	1.622	29.37	0.152	1076.6	17.21	58.61	0.999
18.10	1.904	34.46	0.191	1046.6	20.99	60.90	0.999
18.10	2.185	39.56	0.230	1016.5	24.52	61.98	0.999
18.10	2.467	44.66	0.269	986.4	27.81	62.27	0.999
18.10	2.749	49.76	0.308	956.3	30.85	62.00	0.999
18.10	3.030	54.85	0.346	926.3	33.65	61.34	0.999
18.10	3.312	59.95	0.385	896.2	36.20	60.38	0.999
18.10	3.593	65.05	0.424	866.1	38.51	59.20	1.000
18.10	3.875	70.15	0.463	836.0	40.57	57.84	1.000
18.10	4.157	75.25	0.502	806.0	42.39	56.34	1.000
18.10	4.438	80.34	0.541	775.9	43.97	54.72	1.000
18.10	4.720	85.44	0.579	745.8	45.30	53.01	1.000
18.10	5.002	90.54	0.618	715.7	46.38	51.23	1.000
18.10	5.283	95.64	0.657	685.7	47.22	49.38	1.000
18.10	5.565	100.7	0.696	655.6	47.82	47.47	1.000
18.10	5.846	105.8	0.735	625.5	48.17	45.51	1.000
18.10	6.128	110.9	0.774	595.4	48.28	43.52	1.000
18.10	6.410	116.0	0.813	565.4	48.14	41.49	1.000
18.10	6.691	121.1	0.851	535.3	47.75	39.42	1.000
18.10	6.973	126.2	0.890	505.2	47.13	37.34	1.000
18.10	7.255	131.3	0.929	475.1	46.25	35.22	1.000
18.10	7.536	136.4	0.968	445.1	45.14	33.09	1.000
18.10	7.818	141.5	1.007	415.0	43.78	30.93	1.000
18.10	8.099	146.6	1.046	384.9	42.17	28.76	1.000
18.10	8.381	151.7	1.084	354.8	40.32	26.58	1.000
18.10	8.663	156.8	1.123	324.8	38.22	24.38	1.000
18.10	8.944	161.9	1.162	294.7	35.88	22.16	1.000
18.10	9.226	167.0	1.201	264.6	33.30	19.94	1.000
18.10	9.508	172.1	1.240	234.5	30.47	17.70	1.000
18.10	9.789	177.2	1.279	204.5	27.39	15.46	1.000
18.10	10.07	182.3	1.318	174.4	24.07	13.21	1.000
18.10	10.35	187.4	1.356	144.3	20.51	10.95	1.000
18.10	10.63	192.5	1.395	114.2	16.70	8.677	1.000
18.10	10.92	197.6	1.434	84.2	12.65	6.402	1.000
18.10	11.20	202.7	1.473	54.1	8.352	4.120	1.000
18.10	11.48	207.8	1.512	24.0	3.810	1.833	1.000
18.10	11.70	211.9	1.543	0.0	0.000	0.000	1.000

特征点	U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F
空载点	18.10	0.496	8.974	0.000	1197.0	0.000	0.000	0.999
堵转点	18.10	11.70	211.9	1.543	0	0	0.000	1.000
最大转矩	18.10	11.70	211.9	1.543	0.0	0.000	0.000	1.000
最大输出	18.10	6.128	110.9	0.774	595.4	48.28	43.52	1.000
最大效率	18.10	2.467	44.66	0.269	986.4	27.81	62.27	0.999
额定值	****	****	****	****	****	****	****	****

检验人员:

检验日期: 2020-8-19