

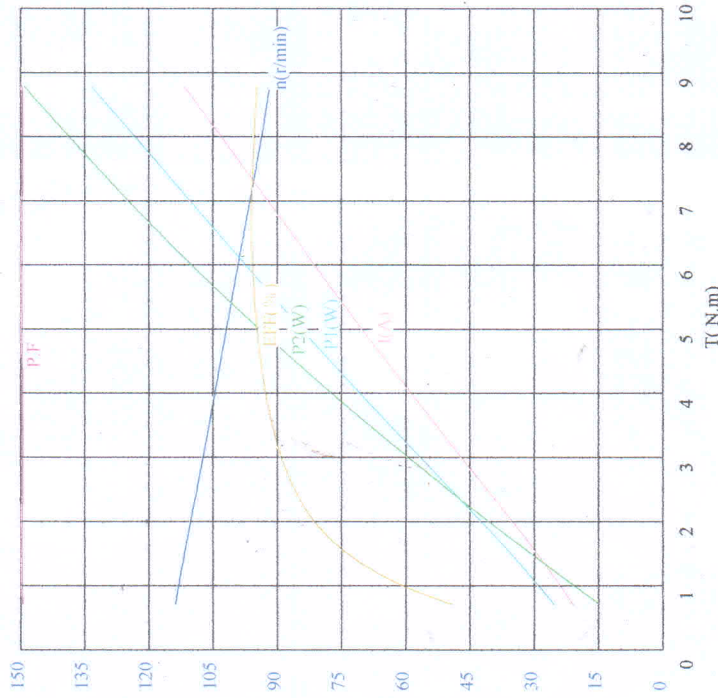
ZHEJIANG LINIX MOTOR CO., LTD.

MOTOR LOAD TEST RESULT

Name&Type: 85ZY12-80/90JB18G Manufacturer: LINIX
 Derailleur(Motor/Output): 1/1 Capacitor: /
 Report No.: M1305150441B4

Specification: DC12V 100RPM
 Direction: 逆时针(CCW)

P1(W) I(A) n(r/min) P2(W) P.F. EFF(%)



U(V)	I(A)	P1(W)	T(N.m)	n(r/min)	P2(W)	EFF(%)	P.F.
12.062	2.128	25.681	.71	114	8.48	33.02	.998
12.059	2.349	28.344	.929	113.447	11.046	38.971	.999
12.056	2.568	30.977	1.139	112.894	13.47	43.486	.999
12.053	2.786	33.593	1.341	112.341	15.782	46.979	.999
12.049	3.003	36.205	1.538	111.788	18.005	49.729	.999
12.046	3.222	38.823	1.73	111.236	20.16	51.927	.999
12.043	3.441	41.454	1.921	110.683	22.265	53.709	.999
12.04	3.662	44.104	2.11	110.13	24.334	55.174	.999
12.036	3.886	46.776	2.299	109.577	26.379	56.395	.998
12.033	4.111	49.473	2.488	109.025	28.41	57.425	.998
12.03	4.339	52.195	2.679	108.472	30.432	58.304	.998
12.027	4.568	54.942	2.871	107.919	32.451	59.064	.998
12.024	4.8	57.712	3.066	107.366	34.47	59.727	.998
12.02	5.034	60.501	3.262	106.814	36.489	60.311	.998
12.017	5.269	63.307	3.46	106.261	38.509	60.829	.998
12.014	5.505	66.124	3.661	105.708	40.528	61.29	.998
12.011	5.741	68.949	3.863	105.155	42.544	61.703	.998
12.007	5.978	71.776	4.067	104.603	44.553	62.072	.998
12.004	6.215	74.6	4.272	104.05	46.553	62.403	.998
12.001	6.451	77.416	4.478	103.497	48.539	62.699	.998
11.998	6.686	80.218	4.685	102.944	50.507	62.962	.999
11.995	6.92	83.001	4.892	102.391	52.453	63.194	.999
11.991	7.152	85.763	5.098	101.839	54.372	63.398	.999
11.988	7.382	88.498	5.304	101.286	56.261	63.573	.999
11.985	7.61	91.205	5.509	100.733	58.118	63.721	.999
11.982	7.835	93.882	5.713	100.18	59.938	63.844	.999
11.979	8.058	96.528	5.916	99.628	61.722	63.941	.999
11.975	8.278	99.144	6.117	99.075	63.467	64.015	.999
11.972	8.496	101.732	6.317	98.522	65.175	64.065	.999
11.969	8.713	104.297	6.516	97.969	66.847	64.093	.999
11.966	8.928	106.844	6.713	97.417	68.487	64.099	.999
11.962	9.142	109.381	6.911	96.864	70.098	64.086	.999
11.959	9.356	111.919	7.108	96.311	71.687	64.053	.998
11.956	9.572	114.468	7.306	95.758	73.263	64.002	.998
11.953	9.79	117.046	7.506	95.206	74.834	63.936	.998
11.95	10.012	119.668	7.709	94.653	76.413	63.854	.998
11.946	10.239	122.355	7.917	94.1	78.014	63.76	.998
11.943	10.474	125.131	8.131	93.547	79.652	63.654	.998
11.94	10.719	128.023	8.353	92.994	81.346	63.54	.998
11.937	10.975	131.059	8.586	92.442	83.116	63.419	.998
11.934	11.191	133.615	8.782	92	84.603	63.318	.999
11.934	11.191	133.615	8.782	92	84.603	63.318	.999
11.966	8.885	106.336	6.674	97.527	68.161	64.1	.999
11.951	9.923	118.612	7.628	94.874	75.78	63.888	.998

No-Load	Locked	Max-T	Max-P2	Max-EFF	Rating
U(V)	12.062	11.934	11.934	11.966	11.951
I(A)	2.128	11.191	11.191	8.885	9.923
P1(W)	25.681	133.615	133.615	106.336	118.612
T(N.m)	.71	8.782	8.782	6.674	7.628
n(r/min)	114	92	92	97.527	94.874
P2(W)	8.48	84.603	84.603	68.161	75.78
EFF(%)	33.02	63.318	63.318	64.1	63.888
P.F.	.998	.999	.999	.999	.998

Tester: LINIX 2004

Test Date: 2013-5-15