

Dynamic test

Production company: Servo vision
 Motor type: 001
 Motor number: KEB10KW120V
 Testers: 0
 Date of test: 2012-3-10

Rated voltage: 120 V
 Rated current: 150 A
 Rated power: 1500 W
 Rated speed: 5000 RPM

Item No.	Voltage V	Current A	Input power W	Power factor PF	Frequency Hz	Torque mN.m	Speed rpm	Output power W	Efficiency %
1	119.81	14.81	1774.39	1.000	0.00	233.3	5493	134.21	7.6
2	119.81	15.323	1835.81	1.000	0.00	390.0	5491	224.24	12.2
3	119.81	17.77	2129.02	1.000	0.00	1053.3	5474	603.76	28.4
4	119.76	23.241	2783.38	1.000	0.00	2420.0	5438	1378.01	49.5
5	119.72	31.903	3819.36	1.000	0.00	4440.0	5384	2503.14	65.5
6	119.77	43.075	5158.99	1.000	0.00	6953.3	5325	3877.12	75.2
7	119.79	55.982	6706.27	1.000	0.00	9830.0	5258	5412.16	80.7
8	119.8	70.308	8422.90	1.000	0.00	12993.3	5188	7058.58	83.8
9	119.75	85.577	10248.09	1.000	0.00	16366.7	5115	8766.02	85.5
10	119.75	101.393	12141.51	1.000	0.00	19853.3	5046	10490.04	86.4
11	119.74	117.08	14019.55	1.000	0.00	23316.7	4981	12161.29	86.8
12	119.72	131.833	15782.65	1.000	0.00	26596.7	4921	13704.94	86.8
13	119.71	145.043	17362.65	1.000	0.00	29386.7	4873	14994.89	86.4
14	119.69	154.867	18536.51	1.000	0.00	31480.0	4836	15941.08	86.0
15	119.77	161.117	19297.48	1.000	0.00	32770.0	4819	16535.98	85.7
16	119.83	165.017	19773.40	1.000	0.00	33620.0	4809	16929.69	85.6
17	119.80	167.957	20120.65	1.000	0.00	34206.7	4798	17185.72	85.4
18	119.80	170.363	20408.96	1.000	0.00	34730.0	4792	17426.82	85.4
19	119.81	172.637	20684.17	1.000	0.00	35206.7	4785	17640.20	85.3
20	119.81	174.790	20941.59	1.000	0.00	35663.3	4779	17846.60	85.2
21	119.79	177.020	21204.64	1.000	0.00	36123.3	4774	18057.88	85.2
22	119.78	179.483	21499.11	1.000	0.00	36650.0	4767	18294.30	85.1
23	119.76	181.933	21788.94	1.000	0.00	37160.0	4761	18525.52	85.0
24	119.72	184.160	22047.64	1.000	0.00	37613.3	4753	18720.02	84.9
25	119.73	186.427	22321.49	1.000	0.00	38060.0	4747	18918.41	84.8
26	119.71	188.603	22577.71	1.000	0.00	38506.7	4744	19128.34	84.7