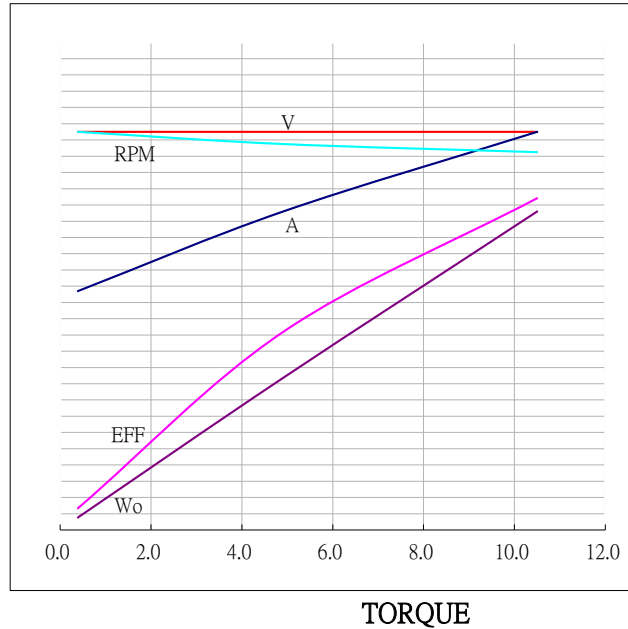


# DORYOKU TECHNICAL CORP.

## DC MOTOR TESTED TECHNICAL DATA

(%)	(W)	(RPM)	(W)	(A)	(V)
EFF.	PO	N	PI	I	V
12.0	0.63	5	3.0	0.3	12.0
10.8	0.56	4	2.7	0.2	10.8
9.6	0.50	4	2.4	0.2	9.6
8.4	0.44	3	2.1	0.2	8.4
7.2	0.38	3	1.8	0.2	7.2
6.0	0.31	2	1.5	0.1	6.0
4.8	0.25	2	1.2	0.1	4.8
3.6	0.19	1	0.9	0.1	3.6
2.4	0.13	1	0.6	0.1	2.4
1.2	0.06	0	0.3	0.0	1.2
0.0	0.00	0	0.0	0.0	0.0



		MACHINE TYPE:	10 KG
Date	10/9/2009	GEAR RATIO	1/1909
MODEL NAME:	P 18	NO LOAD SPEED	4.95
BATCH NAME:	P181909M211290-003	VOLTAGE	12
		CURRENT:	

NO	(V) VOLTAGE	(A) AMP.	(W) INPUT	(KG-CM) TORQUE	(RPM) SPEED	(W) OUTPUT	(%) EFF.
1	12.0	0.15	1.8	0.39	4.90	0.0	1.10
2	12.0	0.16	1.9	1.37	4.90	0.1	3.61
3	12.0	0.17	2.0	2.55	4.80	0.1	6.19
4	12.0	0.18	2.1	3.73	4.85	0.2	8.65
5	12.0	0.20	2.4	4.91	4.75	0.2	10.03
6	12.0	0.21	2.5	6.08	4.75	0.3	11.83
7	12.0	0.22	2.6	7.26	4.70	0.4	13.34
8	12.0	0.23	2.7	8.44	4.70	0.4	14.84
9	12.0	0.24	2.9	9.61	4.65	0.5	16.02
10	12.0	0.25	3.0	10.50	4.65	0.5	16.80