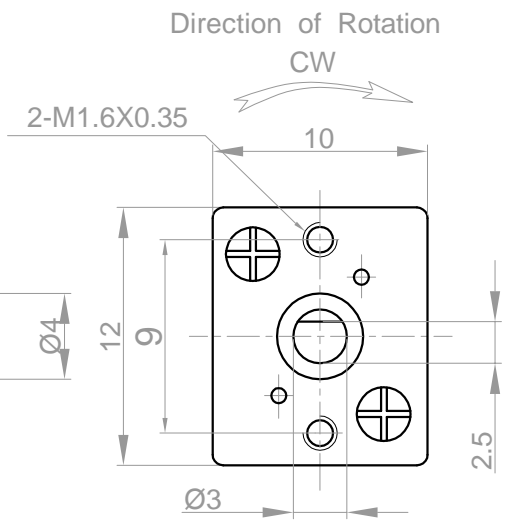
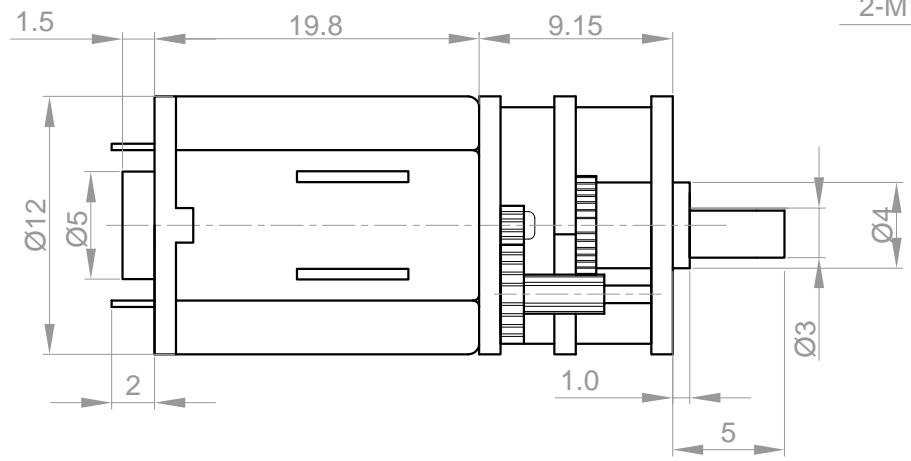
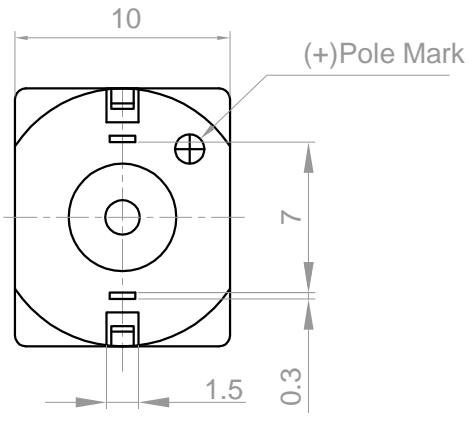
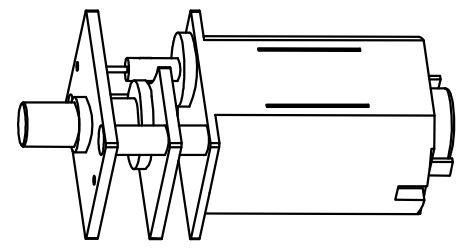


Rev.	Revision	Date
01	Release	07/01/2014



Using environment:
 Temperature: -10-50°C
 Humidity: 20-90%RH



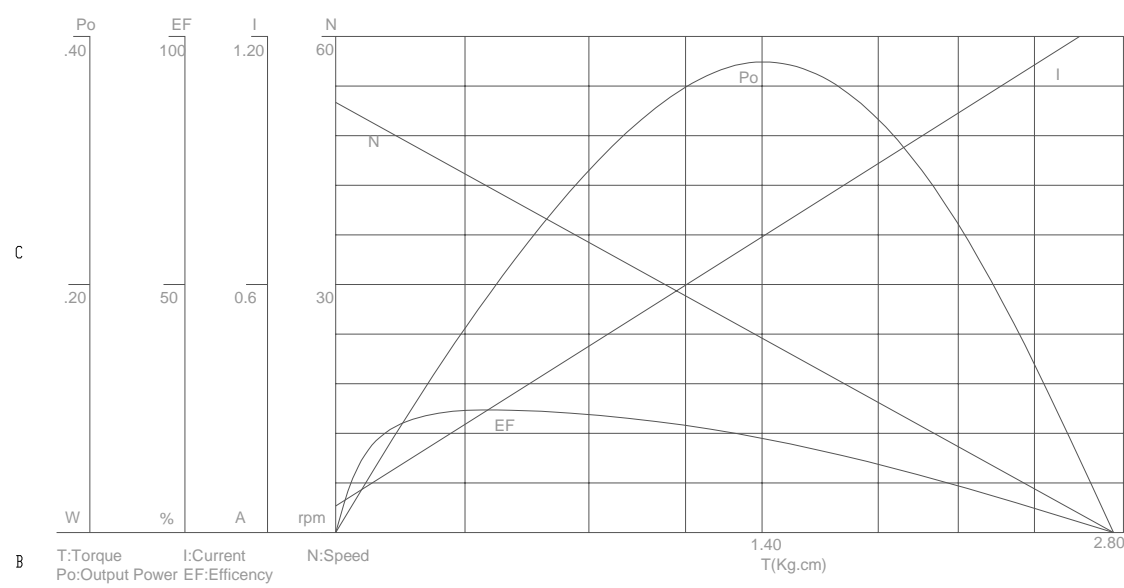
NO.	Item	Specification	NO.	Item	Specification
1	Rated Voltage	3.0VDC	10	Stall Torque	2.7kgf.cm
2	No Load Current	70mA Max	11	Direction of Rotation	CW
3	No Load Speed	53±10%RPM	12	No Load Speed of DC Motor	16000RPM±10%
4	Gear Ratio	1:298	13	Radial Load	0.4kgf
5	Rated Load	525g.cm	14	Axial Load	0.2kgf
6	Rated Speed	45RPM±10%	15	Coil resistance	2.52Ω
7	Rated Current	290mA Max	16	Torque constant	2.25kgf.cm/A
8	Starting Torque	500g.cm Min	17	Voltage constant	21.48mV/r/min
9	Stall Current	1200mA Max			

Drawn	Joseph	07/01/2014
Checked	Lawrence	07/01/2014
Eng Appr.		
Mfg Appr.		
Q.A.		

UNIT: mm		
Kysan Electronics		
www.kysanelectronics.com		
Size A4	Email info@kysanelectronics.com	Rev 01
Scale: 4:1	Weight(Kg): 0.02	Sheet 1 of 2

SKU
1150335

Rev.	Revision	Date
01	Release	07/01/2014



	T(N/m)	[Kg/cm]	N(rpm)	I(A)	Po(W)	EF(%)
NO Load	0	0.00	53.00	.07	0	0
	.01	.14	50.26	.13	.07	19.29
	.04	.43	44.01	.25	.2	27.34
	.07	.71	39.04	.37	.28	26.7
	.08	.85	36.24	.43	.32	25.53
	.1	.99	33.48	.49	.34	24.11
	.11	1.14	30.67	.55	.36	22.66
	.14	1.42	25.09	.66	.37	19.24
	.15	1.56	22.33	.72	.36	17.24
	.17	1.70	19.54	.78	.34	15.18
	.18	1.85	16.75	.84	.32	13.15
	.2	1.99	13.94	.90	.28	10.98
	.21	2.13	11.15	.96	.24	8.82
	.22	2.27	8.37	1.02	.2	6.64
	.25	2.56	2.79	1.14	0.07	2.23
Stall	.26	2.70	0.00	1.20	0	0
Po...(max)	.13	1.28	27.89	.60	.37	21.2
EF...(max)	.06	.57	41.88	.31	.25	27.44

NO.	Item	Specification	NO.	Item	Specification
1	Rated Voltage	3.0VDC	10	Stall Torque	2.7kgf.cm
2	No Load Current	70mA Max	11	Direction of Rotation	CW
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Drawn	Joseph	07/01/2014	UNIT: mm		
Checked	Lawrence	07/01/2014	<h2 style="text-align: center;">Kysan Electronics</h2> <p style="text-align: center;">www.kysanelectronics.com</p>		
Eng Appr.					
Mfg Appr.					
Q.A.					
SKU			Size	Email	Rev
1150335			A4	info@kysanelectronics.com	01
			Scale: 4:1	Weight(Kg): 0.02	Sheet 2 of 2