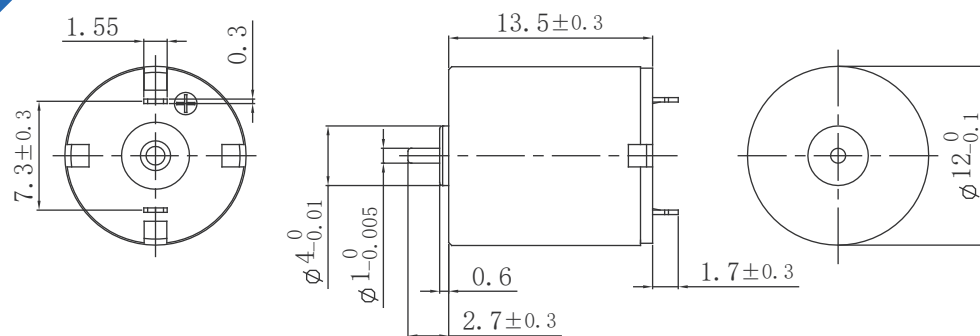




Motor specifications		06A	07A	04A	08A
1 (Nominal voltage)	V	3.0	5.0	7.4	12
2 (No load speed)	rpm	9400	7900	18000	25000
3 (No load current)	mA	15	12	20	30
4 (Nominal speed)	rpm	7191	5865	13590	21437
5 (Nominal torque)	mNm	0.27	0.25	0.55	0.12
6 (Nominal current)	A	0.1	0.05	0.15	0.45
7 (Stall torque)	mNm	1.1	1	2.2	3.1
8 (Stall current)	A	0.37	0.16	0.57	0.69
9 (Terminal resistance)	Ω	8.05	31.53	13	17.5
10 (Torque constant)	mNm/A	2.98	5.92	3.84	4.49
11 (Speed constant)	rpm/V	3133	1580	2432	2083
12 (Mechanical time constant)	ms	14.9	15.3	14.7	15.1
13 (Rotor inertia)	gcm ²	0.18	0.186	0.183	0.19

Optional gearbox

G12MF	见Page 90
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Optional encoder

Other specifications

(Operating temperature range)	-20...+80°C	(Bearing type)	(Sleeve bearings)
(Number of pole pairs)	1	(Brush type)	(Precious metal brushes)
(Number of commutator segments)	5	(Weight of motor)	5.8g