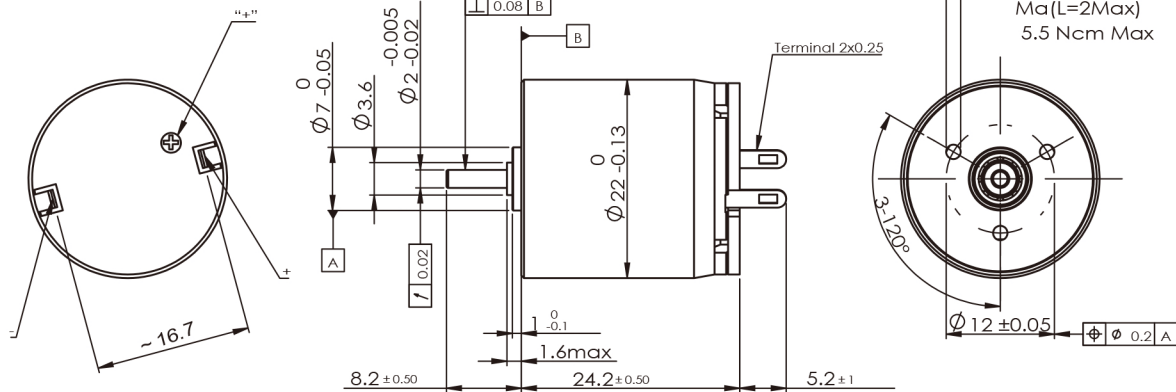




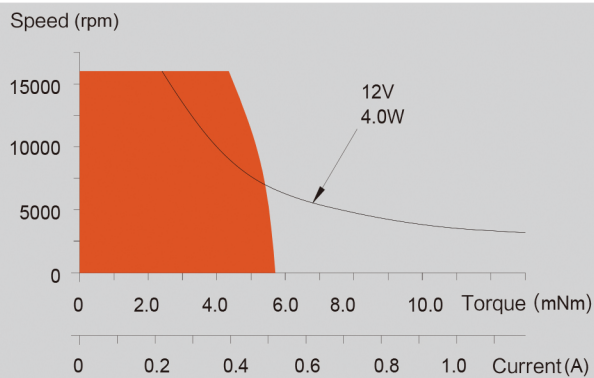
Motor Data

	电机型号	Motor model			DR222406B	DR222409B	DR222412B	DR222418B	DR222424B	DR222436B
1	额定电压	Nominal voltage	V	V	6	9	12	18	24	36
2	空载转速	No load speed	rpm	WnI	10900	11800	12000	10800	12000	10800
3	空载电流	No load current	mA	InI	38	40	24	18	14	12
4	额定转速	Nominal speed	rpm	Wc	6900	6200	7200	6320	5136	6460
5	额定转矩	Nominal torque	mNm	Tc	5	5	5	5	5	5
6	额定电流	Nominal current	A	Ic	0.98	0.7	0.53	0.33	0.27	0.17
7	输出功率	Output power	W	Pc	3.61	3.26	3.8	3.31	2.7	3.38
8	堵转扭矩	Stall torque	mNm	Tmax	14	10.38	12.36	12.1	8.55	12.4
9	堵转电流	Stall current	A	Imax	2.37	1.45	1.32	0.79	0.46	0.41
10	最大效率	Max. efficiency	%	ηmax	79	78	79	79	42	77
11	线间电阻	Terminal resistance	Ω	Rt	2.2	6.2	9.1	22.8	52	87.6
12	力矩系数	Torque constant	mNm / A	Kt	5.12	7.15	9.38	15.27	18.52	30.28
13	速度常数	Speed constant	rpm / V	Kn	1866	1336	1018	625	516	315
14	速度扭矩比	Speed torque gradient	rpm / mNm	Δn / ΔT	781	1114	944	896	1372	868
15	线间电感	Terminal inductance	mH	L	0.09	0.1	0.209	0.87	1.12	2.99
16	转子转动惯量	Rotor inertia	gcm ²	J	2.74	2.74	2.74	2.84	2.62	2.33

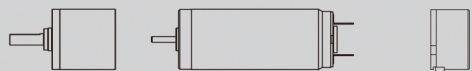
Specifications

- | | | | |
|----|----------------------------------|------------|-------------|
| 1 | ambient temperature | Ta | -20~+65°C |
| 2 | Max.winding temperature | Tcoilmax | +85°C |
| 3 | Max.speed | Nmax | 12000rpm |
| 4 | axial play | Δt | 0.05~0.15mm |
| 5 | number of pole pairs | p | 1 |
| 6 | number of commutator segments | | 5 |
| 7 | weight of motor | Wt | 44g |
| 8 | Max.axial load(dynamic) | | 3N |
| 9 | Max.force for press fits(static) | | 45N |
| 10 | Max.radial load,4mm from flange | | 12N |

Operating Range



SMJ Modular System



Planetary Gearhead
Type P22H
Diameter $\phi 22$
Torque 0.018~1.2N·m
See page 37

Encoder HKT22
256 CPT
2 channels
see page 33