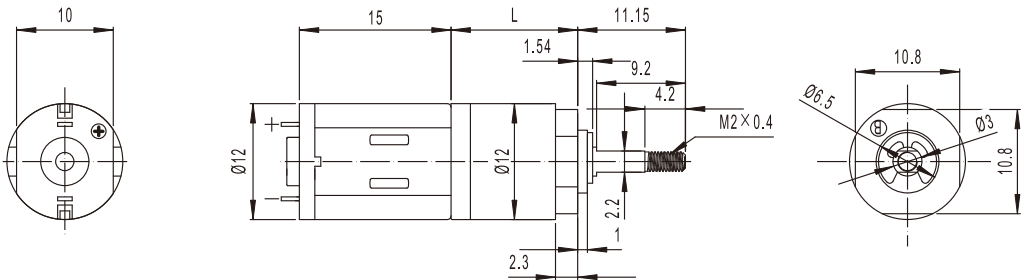


GMP12S-N20VA12mm planetary gearbox plus N20 permanent magnet DC motor

模数Module	0.21	
额定负载 Rated torque(kg.cm)	0.3kg.cm max	
瞬间允许力矩 Max momentary tolerance torque(kg.cm)	1.0 kg.cm max	
减速比 Reduction ratio	1/16、1/24、1/36	1/64、1/96 1/14、1/216
齿轮箱减速级数 Number of gear stages	2	3
减速箱长度 Gearbox length L (mm)	10.3	13.1



Weight: 13g(Approx)

Unit(mm)

减速电机技术参数 Gear Motor Technical Data

减速比 Reduction ratio		16	24	36	64	96	144	216				
2.4V	空载转速 No-load speed(rpm)	920	605	408	225	150	100	67				
	负载转速 Rated speed(rpm)	750	500	330	187	125	75	53				
	负载力矩 Rated torque(kg.cm)	0.025	0.038	0.057	0.08	0.12	0.2	0.3				
5V	空载转速 No-load speed(rpm)	920	605	408	225	150	100	67				
	负载转速 Rated speed(rpm)	750	500	330	187	125	75	53				
	负载力矩 Rated torque(kg.cm)	0.025	0.038	0.057	0.08	0.12	0.2	0.3				

单电机技术参数 Motor Technical Data

电机型号 Motor model	额定电压 Rated voltage	无负荷 No-load		额定 Rated				堵转 Stall	
		转速 Speed	电流 Current	转速 Speed	力矩 Torque	电流 Current	功率 Power	力矩 Torque	电流 Current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
TFF-N20VA-13110	2.4	14800	60	12000	2.5	260	0.31	14	1.20
TFF-N20VA-09220	5.0	14800	30	12000	2.5	120	0.31	13	0.52

