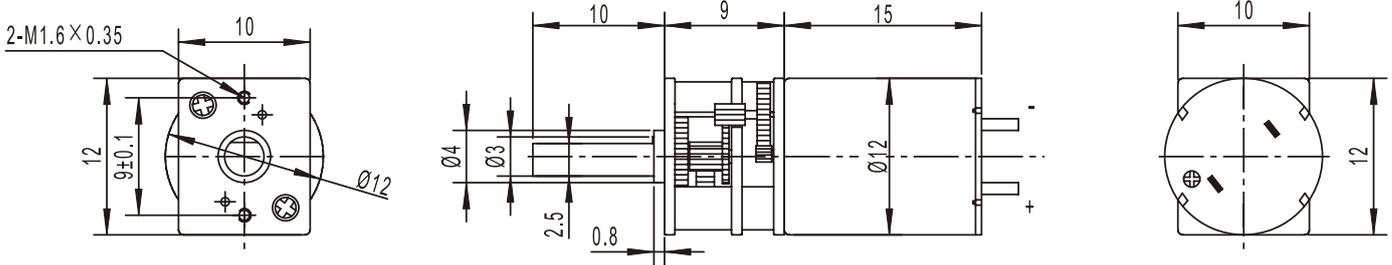


# GM12-TDC1215

12mm gearbox plus 1215 permanent magnet DC motor



模数 Module	0.15			
额定负载 Rated torque (kg.cm)	0.5 kg.cm max			
瞬间允许力矩 Max momentary tolerance torque (kg.cm)	1.0 kg.cm max			
减速比 Reduction ratio	1/10	1/20、1/30 1/50、1/63 1/100	1/110、1/150 1/210、1/250 1/298、1/380	1/1000
齿轮箱减速级数 Number of gear stages	2	4	5	7
减速箱长度 Gearbox length L (mm)	9.0		12.0	



Weight: 12g(Approx)

Unit(mm)

## 减速电机技术参数 Gear Motor Technical Data

减速比 Reduction ratio		10	30	50	100	150	210	250	298	380	1000
4.5V	空载转速 No-load speed (rpm)	2000	660	400	200	130	90	80	65	50	20
	负载转速 Rated speed (rpm)	1600	530	320	160	100	70	64	50	40	16
	负载力矩 Rated torque (kg.cm)	0.06	0.15	0.25	0.5	0.5	0.5	0.5	0.5	0.5	0.5
12V	空载转速 No-load speed (rpm)	1250	410	250	125	80	57	50	40	30	12
	负载转速 Rated speed (rpm)	1000	330	200	100	63	45	40	32	24	10
	负载力矩 Rated torque (kg.cm)	0.04	0.1	0.2	0.32	0.43	0.5	0.5	0.5	0.5	0.5

## 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
TDC1215-45200	4.5	20000	50	16000	8	414	1.86	40	1.9
TDC1215-12124	12	12400	10	10000	5	64	0.77	25	0.3

