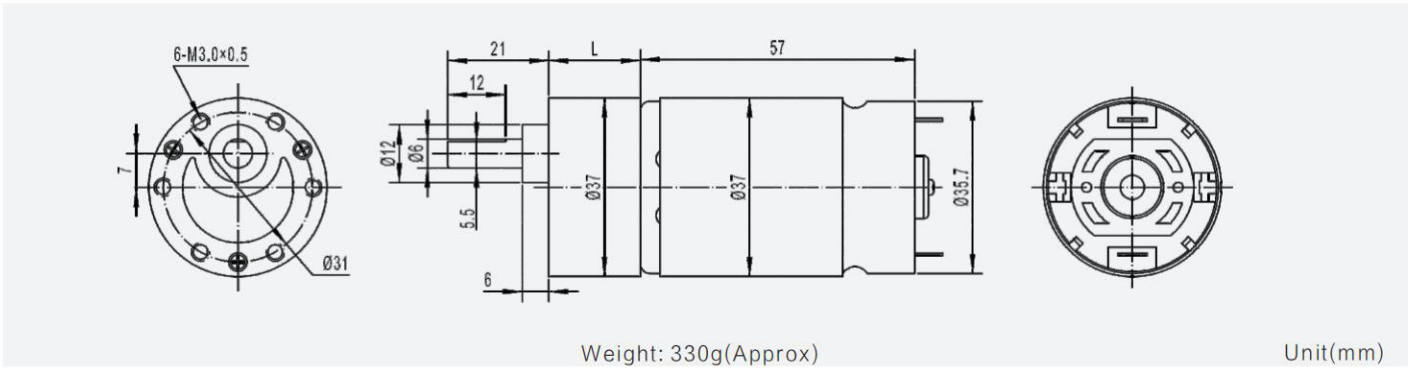


GM37-555PM

37mm gearbox plus 555 permanent magnet DC motor

Module	0.5/0.6				
Rated torque (kg.cm)	8.0 kg.cm max				
Max momentary tolerance torque (kg.cm)	15.0 kg.cm max				
Reduction ratio	1/6 1/10	1/19 1/30	1/44 1/56 1/90	1/131 1/169 1/270	1/506 1/810
Number of gear stages	2	3	4	5	6
Gearbox length L (mm)	19	21.5	24	26.5	29



Gear Motor Technical Data											
12.0V	Reduction ratio	6	10	19	30	56	90	169	270	506	810
	No-load speed(rpm)	800	480	250	160	85	53	28	18	10	6
	Rated speed(rpm)	700	430	225	145	77	48	26	16	9	5
	Rated torque(kg.cm)	1.0	1.8	2.7	4.2	6.7	8.0	8.0	8.0	8.0	8.0
24.0V	No-load speed(rpm)	600	380	200	120	65	45	24	15	8	5
	Rated speed(rpm)	520	320	165	105	56	36	21	14	7	5
	Rated torque(kg.cm)	1.0	1.8	2.7	4.2	6.7	8.0	8.0	8.0	8.0	8.0

Motor Technical Data									
Motor model	Rated voltage	No-load		Rated				Stall	
		Speed	Current	Speed	Torque	Current	Power	Torque	Current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
TRS-555PM-1250	12.0	5000	250	4300	200	1400	8.8	1430	8.5
TRS-555PM-2440	24.0	4000	150	3200	200	800	6.6	1000	3.5

