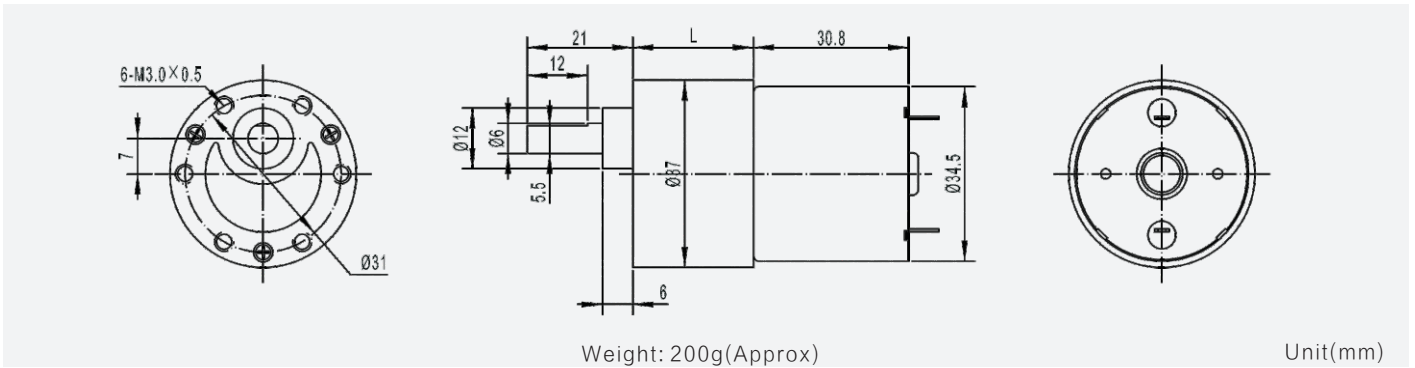


# GM37-3530

37mm gearbox plus 3530 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

Reduction ratio		6	10	30	44	56	90	169	270	506	810
12.0V	No-load speed(rpm)	800	490	165	110	88	55	30	18	10	6
	Rated speed(rpm)	670	420	140	95	75	46	25	16	8	5
	Rated torque(kg.cm)	0.2	0.3	0.8	1.1	1.3	2.2	3.7	5.4	8.0	8.0
	No-load speed(rpm)	870	540	180	120	95	60	32	20	11	7
24.0V	Rated speed(rpm)	780	485	160	110	87	54	29	18	10	6
	Rated torque(kg.cm)	0.2	0.3	0.8	1.1	1.3	2.2	3.7	5.4	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
TRK-3530-1250	12.0	5000	45	4300	40	320	1.8	286	2.0
TRK-3530-2456	24.0	5600	20	4850	40	180	2.0	300	1.2

