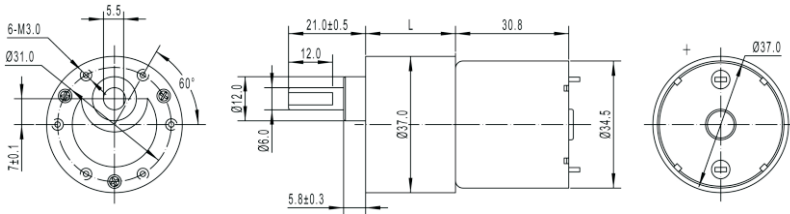


**GM37-3530** 37 mm Eccentric shaft gearbox plus 520TB &3530 and 36 mm brushless motor

- Small size dc gear motor with low speed and big torque
- 37mm gear motor provide 1.0Nm torque and more reliable
- Suitable to small diameter. Low noise and big torque application
- Dc gear motors can match encoder, 11ppr
- Reduction ratio: 6、10、19、30、44、56、90、131、169、270、506、810



Gear Motor Dimensions (mm)

**Motor Technical Data**

Motor model No.	Rated voltage	No-load speed	No-load current	Rated speed	Rated torque	Rated current	Output power	Stall torque	Stall current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
TRK-3530-1240	12.0	4000	35	3300	40	180	1.4	220	1.0
TRK-3530-1250	12.0	5000	45	4200	40	250	1.8	250	1.2
TRK-3530-2460	24.0	6000	30	5300	50	180	3.1	400	1.3

**Gear Motor Technical Data**

Gearbox with motor: GM37-3530-1240-XXX

	6	10	19	30	56	90	169	270	506	810
Reduction ratio	6	10	19	30	56	90	169	270	506	810
Length mm	19	19	21.5	21.5	24	24	26.5	26.5	29	29
No-load speed rpm	600	360	120	85	65	45	24	15	8	5
Rated speed rpm	550	330	110	75	59	36	19	12	6	4
Rated torque kg.cm	0.2	0.3	0.8	1.1	1.3	2.2	3.7	5.4	10	10
Max.momentary tolerance torque kg.cm	1.1	1.8	4.6	5.8	7.4	10	15	15	15	15

**Gearbox with motor**

GM37-3530-1250-XXX

	6	10	19	30	56	90	169	270	506	810
Reduction ratio	6	10	19	30	56	90	169	270	506	810
Length mm	19	19	21.5	21.5	24	24	26.5	26.5	29	29
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	10	10
Max.momentary tolerance torque kg.cm	1.1	2.0	5.2	6.6	8.4	13.5	15	15	15	15

**Gearbox with motor**

GM37-3530-2460-XXX

	6	10	19	30	56	90	169	270	506	810
Reduction ratio	6	10	19	30	56	90	169	270	506	810
Length mm	19	19	21.5	21.5	24	24	26.5	26.5	29	29
No-load speed rpm	950	570	190	130	100	65	35	22	12	7
Rated speed rpm	880	530	175	120	95	59	31	20	10	7
Rated torque kg.cm	0.24	0.4	1.1	1.3	1.7	2.7	4.6	6.7	10	10
Max.momentary tolerance torque kg.cm	1.9	3.2	8.4	10.6	13.4	15	15	15	15	15