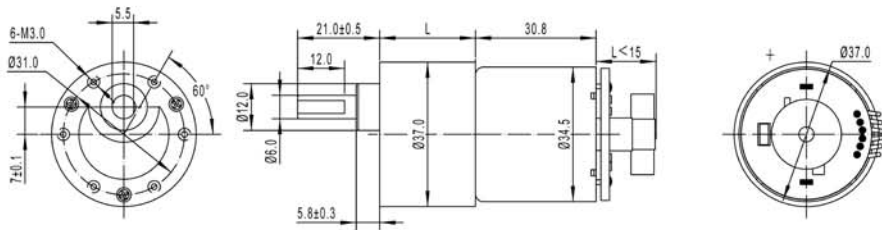


GM37-3530-EN

37mm Eccentric out shaft gearbox plus 520 & 3530 & 3527 and TEC3650 & 3640 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, 12ppr
- 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	4000	35	3300	40	180	1.4	220	1.0
TRK-3530-1250	12	5000	45	4200	40	250	1.8	250	1.2
TRK-3530-2460	24	6000	30	5300	50	180	3.1	400	1.3

Gear motor Technical Data Gearbox with motor: GM37-3530-1240-XXX-EN

Reduction ratio	6	10	30	44	56	90	169	270	506	810
Length mm	19	19	21.5	24	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-EN

Reduction ratio	6	10	30	44	56	90	169	270	506	810
Length mm	19	19	21.5	24	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	1.2	2.0	5.2	6.6	8.4	13.5	15	15	15	15

Gearbox with motor GM37-3530-2460-XXX-EN

Reduction ratio	6	10	30	44	56	90	169	270	506	810
Length mm	19	19	21.5	24	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