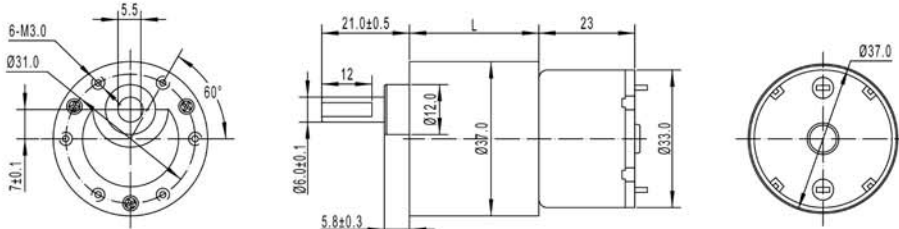


**KLS23-GM37-520TB** 37mm Eccentric out shaft gearbox plus 520 & 3530 & 3527 and 3650 & 3640 brushless motor

- 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
<b>TRK-520TB-2450</b>	24	5000	10	4300	20	60	0.88	140	0.45
<b>TRK-520TB-1250</b>	12	5000	20	4300	20	120	0.88	140	0.9

### Gear motor Technical Data

	Gearbox with motor: GM37-520TB-2450-XXX									
<b>Reduction ratio</b>	6	10	19	30	56	90	169	270	506	810
<b>Length mm</b>	19	19	21.5	21.5	24	24	26.5	26.5	29	29
<b>No-load speed rpm</b>	740	480	255	160	89	55	30	19	10	6.2
<b>Rated speed rpm</b>	690	430	255	140	77	48	25	16	8.5	5.3
<b>Rated torque kg.cm</b>	0.1	0.16	0.27	0.42	0.67	1.1	1.9	2.7	5.1	6.5
<b>Max.momentary tolerance torque kg.cm</b>	0.7	1.1	1.8	2.9	4.7	7.5	15	15	15	15

### Gearbox with motor

	GM37-520TB-1250-XXX									
<b>Reduction ratio</b>	6	10	19	30	56	90	169	270	506	810
<b>Length mm</b>	19	19	21.5	21.5	24	24	26.5	26.5	29	29
<b>No-load speed rpm</b>	740	480	255	160	89	55	30	19	10	6.2
<b>Rated speed rpm</b>	690	430	225	140	77	48	25	16	8.5	5.3
<b>Rated torque kg.cm</b>	0.1	0.16	0.27	0.42	0.67	1.1	1.9	2.7	5.1	6.5
<b>Max.momentary tolerance torque kg.cm</b>	0.7	1.1	1.8	2.9	4.7	7.5	15	15	15	15

### Gearbox with motor

<b>Reduction ratio</b>	6	10	19	30	56	90	169	270	506	810
<b>Length mm</b>	19	19	21.5	21.5	24	24	26.5	26.5	29	29
<b>No-load speed rpm</b>										
<b>Rated speed rpm</b>										
<b>Rated torque kg.cm</b>										
<b>Max.momentary tolerance torque kg.cm</b>										