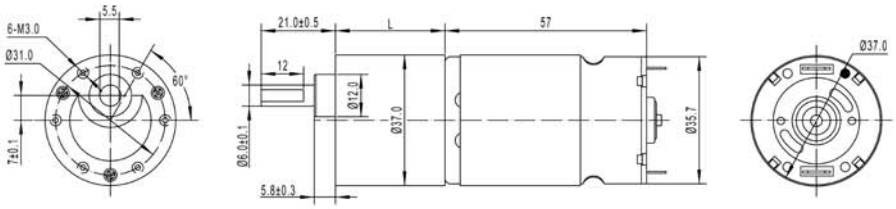
KLS23-GM37-555 37mm Eccentric out shaft gearbox plus 520 & 3530 & 3527 & 5 series motor and TEC3650 & 3640 brushless motor

- 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
TRS-555PM-1233	12	3300	200	2800	200	1000	5.7	1150	5.5
TRS-555PM-1260	12	6000	300	5250	290	2400	16	2200	15.0
TRS-555PM-2440	24	4000	150	3150	200	700	6.4	1000	2.7

Gear motor Technical Data — Gearbox with motor：GM37-555PM-1233-XXX

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	500	300	160	105	57	36	20	12	6.5	4
Rated speed rpm	450	280	150	90	60	31	18	11	6.3	4
Rated torque kg.cm	1.0	1.6	2.7	4.2	6.7	10	10	10	10	10
Max.momentary tolerance torque kg.cm	5.5	9.2	15	15	15	15	15	15	15	15

Gearbox with motor — GM37-555PM-1260-XXX

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	900	550	300	190	100	65	35	22	12	7
Rated speed rpm	870	525	275	175	90	61	34	22	12	7
Rated torque kg.cm	1.4	2.3	3.8	6.1	10	10	10	10	10	10
Max.momentary tolerance torque kg.cm	10	15	15	15	15	15	15	15	15	15

Gearbox with motor — GM37-555PM-2440-XXX

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	200	120	65	45	24	15	8	5
Rated speed rpm	520	315	165	105	56	36	21	14	5	5
Rated torque kg.cm	1.0	1.6	2.7	4.2	6.7	10	10	10	10	10
Max.momentary tolerance torque kg.cm	4.8	8.0	15	15	15	15	15	15	15	15