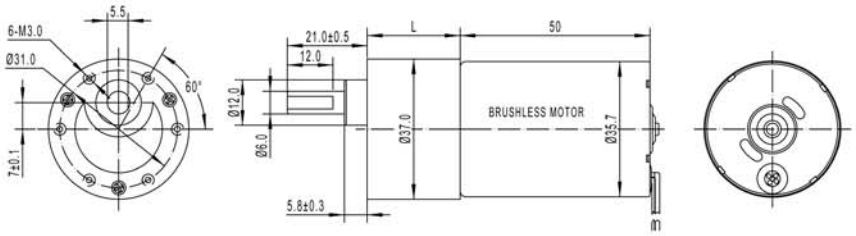
KLS23-GM37-TEC3650 37mm spur gearbox plus TEC3650 & 3640 brushless motor

- 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
- 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
TEC3650-2465	24	6500	200	5400	200	1000	11.5	1150	2.0
TEC3650-2440	24	4000	120	3200	200	600	6.6	1000	2.0

Gear motor Technical Data

Gearbox with motor：GM37-TEC3650-2465-XXX

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	1000	650	215	145	110	70	38	24	12.5	8
Rated speed rpm	830	540	180	122	95	65	34	22	11	7
Rated torque kg.cm	0.7	1.2	3.6	5.2	6.5	10.5	15	15	15	15
Max.momentary tolerance torque kg.cm	2	5	15	15	15	15	15	15	15	15

Gearbox with motor

GM37-TEC3650-2440-XXX

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	620	380	130	90	70	43	23	14.5	7.5	4.5
Rated speed rpm	500	320	100	72	55	36	19	12.5	6.5	4.0
Rated torque kg.cm	0.7	1.2	3.6	5.2	6.5	10.5	15	15	15	15
Max.momentary tolerance torque kg.cm	2	5	15	15	15	15	15	15	15	15