

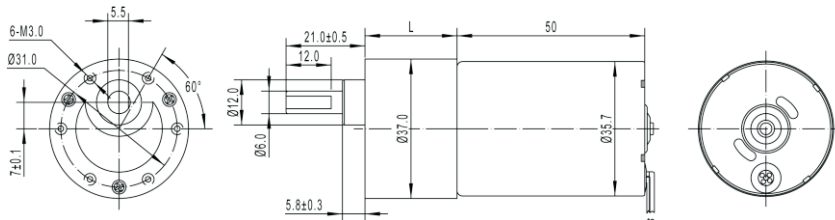


Brushless DC Gear Motor

GM37-TEC3650

- 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

Mechanical Dimensions



Gear Motor Dimensions (mm)



Electrical Specification

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	24.0	6500	200	5400	200	1000	11.5	1150	2.0
TEC3650-2440	24.0	4000	120	3200	200	600	6.6	1000	2.0
TEC3650-1245	12.0	4500	150	3500	230	880	8.3	820	2.5

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	13	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	10	10	10	10
Max.momentary tolerance torque kg.cm	5.7	9	15	15	15	15	15	15	15	15

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	15	8	4
Rated speed rpm	500	320	100	72	55	36	19	13	7	4
Rated torque kg.cm	0.7	1.2	3.6	5.2	6.5	10	10	10	10	10
Max.momentary tolerance torque kg.cm	5	8	15	15	15	15	15	15	15	15

GM37-3530-2460-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	710	430	150	100	80	50	27	17	9	6
Rated speed rpm	580	350	115	80	62	39	21	13	7	5
Rated torque kg.cm	0.9	1.6	4.1	6.1	7.7	10	10	10	10	10
Max.momentary tolerance torque kg.cm	3.7	5.7	15	15	15	15	15	15	15	15