

GM37-3530



Model:GM37-3530

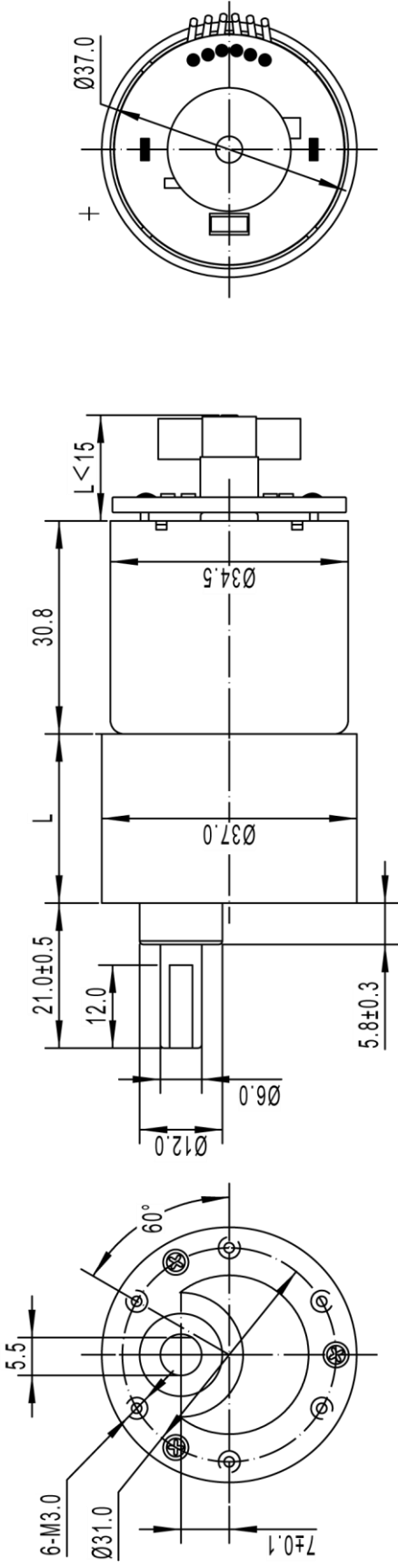
Diameter:37mm

Length:30.8mm+gearbox

Characters:

- 1.Small size dc gear motor with low speed and big torque
- 2.37mm gear motor provide 1.0Nm torque and more reliable
- 3.Suitable to small diameter, low noise and big torque application
- 4.Dc Gear motors can match encoder,12ppr
- 5.Reduction Ratio: 6, 10, 19, 30, 44, 56, 90, 131, 169, 270, 506, 810

GM37-3530 Gear Motor Dimensions (mm)



Motor Technical Data

Motor model No.	Rated voltage VDC	No-load speed r/min	No-load current mA	Rated speed r/min	Rated torque g.cm	Rated current mA	Output power W	Stall torque g.cm	Stall current 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