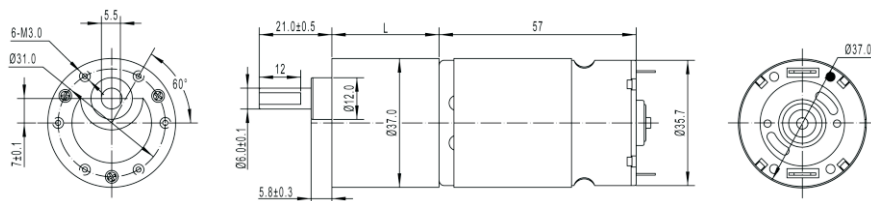


GM37-555PM 37 mm Eccentric shaft gearbox plus 520 & 3530 and 36 mm brushless motor

- 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, 11ppr
- 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	12.0	3300	200	2800	200	1000	5.7	1150	5.5
TRS-555PM-1250	12.0	5000	250	4300	230	1600	10.1	1640	12.6
TRS-555PM-2440	24.0	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	28	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-1250-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	800	480	250	160	85	53	28	18	10	6
Rated speed rpm	720	430	225	145	77	48	26	16	9	6
Rated torque kg.cm	1.1	1.8	3.1	4.8	7.7	10	10	10	10	10
Max.momentary tolerance torque kg.cm	8	13	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	570	200	120	65	45	24	15	8	5
Rated speed rpm	520	530	165	105	56	36	21	14	8	5
Rated torque kg.cm	1.0	0.4	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