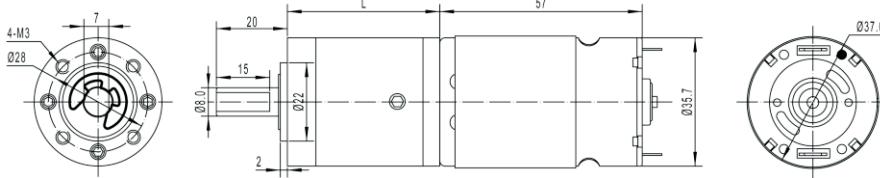


**GMP36-555PM** 36 mm planetary gearbox plus 3530,5 series dc motor and 36mm brushless motor

- Small size dc gear motor with low speed and big torque
- 36mm gear motor provide 3.0Nm torque and more reliable
- Suitable to small diameter. Low noise and big torque application
- Dc gear motors can match encoder, 11ppr
- Reduction ratio: 4、14、19、27、51、71、100、139、189、264、369、516、720



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
<b>TRS-555PM-1233</b>	12.0	3300	200	2800	200	1000	5.7	1150	5.5
<b>TRS-555PM-1260</b>	12.0	6000	300	5250	290	2400	16.0	2200	15.0
<b>TRS-555PM-2440</b>	24.0	4000	150	3150	200	700	6.4	1000	2.7

**Gear Motor Technical Data**

Gearbox with motor: GMP36-555PM-1233-XXX

Reduction ratio	4	19	51	100	139	189	264	369	516	720
<b>Length mm</b>	26	33.5	33.5	40.5	40.5	47.5	47.5	47.5	47.5	47.5
<b>No-load speed rpm</b>	750	160	60	32	23	17	12	9	6	4
<b>Rated speed rpm</b>	700	150	55	28	20	15	11	8	6	4
<b>Rated torque kg.cm</b>	0.64	2.7	6	12	15	21	26	30	30	30
<b>Max.momentary tolerance torque kg.cm</b>	3.7	15	35	70	70	70	70	70	70	70

**Gearbox with motor**

GMP36-555PM-1260-XXX

Reduction ratio	4	19	51	100	139	189	264	369	516	720
<b>Length mm</b>	26	33.5	33.5	40.5	40.5	47.5	47.5	47.5	47.5	47.5
<b>No-load speed rpm</b>	1400	300	110	55	42	32	23	16	12	8
<b>Rated speed rpm</b>	1300	275	100	50	38	28	20	15	11	8
<b>Rated torque kg.cm</b>	0.9	3.8	9	18	22	30	30	30	30	30
<b>Max.momentary tolerance torque kg.cm</b>	7	29	70	70	70	70	70	70	70	70

**Gearbox with motor**

GMP36-555PM-2440-XXX

Reduction ratio	4	19	51	100	139	189	264	369	516	720
<b>Length mm</b>	26	33.5	33.5	40.5	40.5	47.5	47.5	47.5	47.5	47.5
<b>No-load speed rpm</b>	980	200	75	38	28	21	15	10	8	6
<b>Rated speed rpm</b>	750	155	60	30	21	16	13	9	7	5
<b>Rated torque kg.cm</b>	0.64	2.7	6	12	15	21	26	30	30	30
<b>Max.momentary tolerance torque kg.cm</b>	3.2	13	25	50	60	70	70	70	70	70