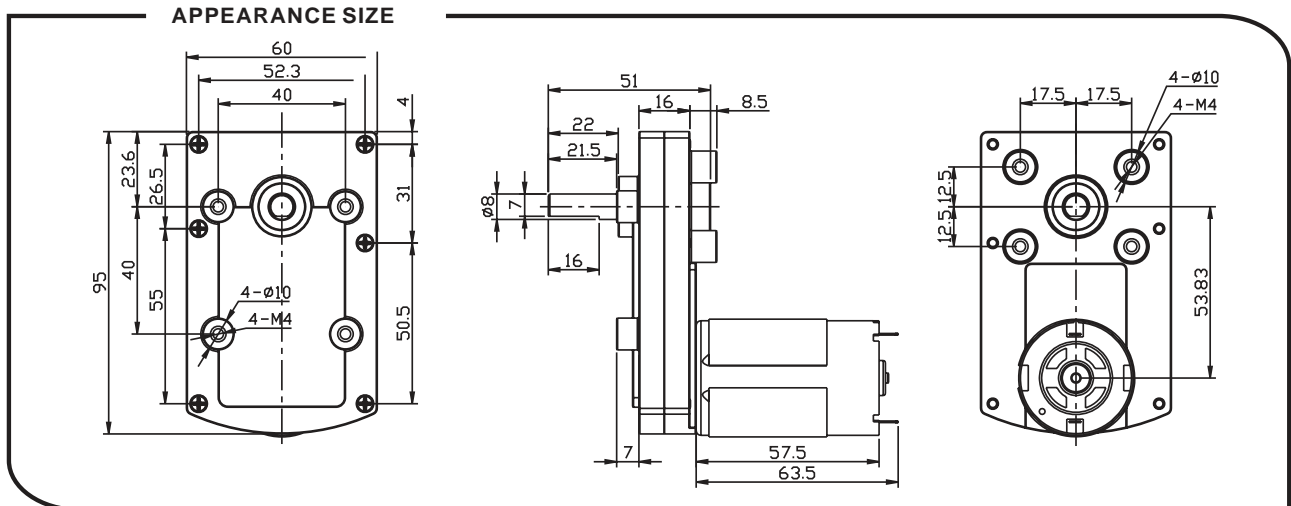




## TT-555 DC GEAR MOTOR Series



### Gearbox data:

Number of stages	3 stages reduction	4 stages reduction	5 stages reduction
Reduction ratio	36、66、94	149、196、211、277、394	624、830、1166
Max. Running torque	5Kgf · cm	20Kgf · cm	50Kgf · cm
Max. Gear breaking torque	15Kgf · cm	60Kgf · cm	150Kgf · cm
Max. Gearing efficiency	73%	65%	59%

Other reduction ratio please telephone or e-mail to our engineering department.

### Motor data:

Motor name	Rated Volt. V	No load		Load torque				Stall torque	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
		mA	r/min	mA	r/min	gf · cm	W	gf · cm	mA
RS-555123000	12	≤140	3000	≤800	2200	150	3.3	600	3000
RS-555124500	12	≤220	4500	≤1200	3300	220	7.2	880	4800
RS-555126000	12	≤350	6000	≤2000	4500	300	13.5	1200	6000
RS-555243000	24	≤70	3000	≤400	2200	150	3.3	600	1600
RS-555244500	24	≤110	4500	≤600	3300	220	7.2	880	3000
RS-555246000	24	≤180	6000	≤1000	4500	300	13.5	1200	4000

- 1、 This table lists some motors parameters, others please refer to specific parameters of Page 148.
- 2、 After connecting motor and gearbox which is named gearmotor the output torque: motor torque X reduction ratio X gearing efficiency; output speed: motor speed / reduction ratio.

### NOTE:

- 1、 Gearmotor named methods: e.g. TT-555123000-94K Motor please refer to the motor data RS-555123000. Gearbox please refer to gearbox data reduction ratio 94. Related to gearmotor output speed and torque please refer to motor data.
- 2、 Motor can be installed with magnetic encoder, encoder parameters please refer to Page 141.
- 3、 Gearbox shell material: zinc alloy.
- 4、 Gearbox gear materials: The first stage gear: plastic gear. The final stage gear: 45# steel Heat-treatment gear. Other stages gear: powder metallurgy gear.
- 5、 Standard output shaft after reducing: Φ8.0mm. other sizes of the output shaft can make as client request.
- 6、 Chart only for reference, products shall prevail the entity.