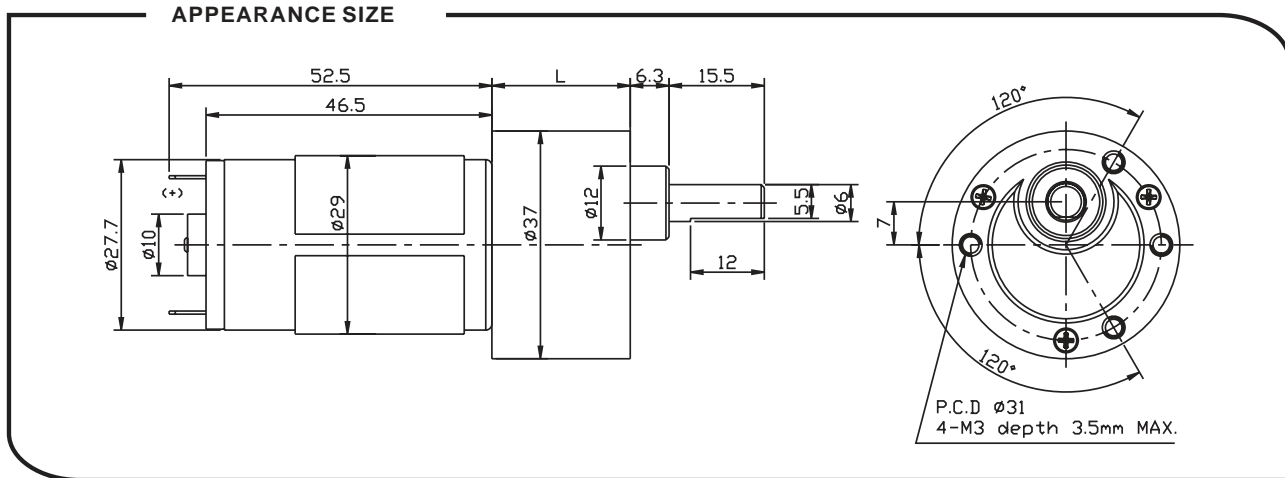




## SG-395 DC GEAR MOTOR Series



### Gearbox data:

Number of stages	2、3 stages reduction	4、5 stages reduction	6、7 stages reduction
Reduction ratio	6、10 ; 20、30	60、90; 120、180、270	489、540、810; 1620、2430
Gearbox length "L" mm	22.5	25 27	29
Max. Running torque	2Kgf • cm	10Kgf • cm	10Kgf • cm
Max. Gear breaking torque	8Kgf • cm	30Kgf • cm	30Kgf • cm
Max.Gearing efficiency	81%; 73%	65%; 59%	53%; 48%
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-395123000	12	≤60	3000	≤250	2200	65	1.4	260	800
RS-395124500	12	≤90	4500	≤430	3300	80	2.6	320	1400
RS-395126000	12	≤130	6000	≤750	4500	105	4.7	420	2600
RS-395243000	24	≤40	3000	≤120	2200	65	1.4	260	400
RS-395244500	24	≤50	4500	≤220	3300	80	2.6	320	700
RS-395246000	24	≤70	6000	≤380	4500	105	4.7	420	1400

- 1、 This table lists some motors parameters, others please refer to specific parameters of Page 113.
- 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. SG-395123000-90K Motor please refer to the motor data RS-395123000. Gearbox please refer to gearbox data reduction ratio 90. 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 108.
- 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:  $\phi 6.0$ mm. other sizes of the output shaft can make as client request.
- 6、 Chart only for reference, products shall prevail the entity.