



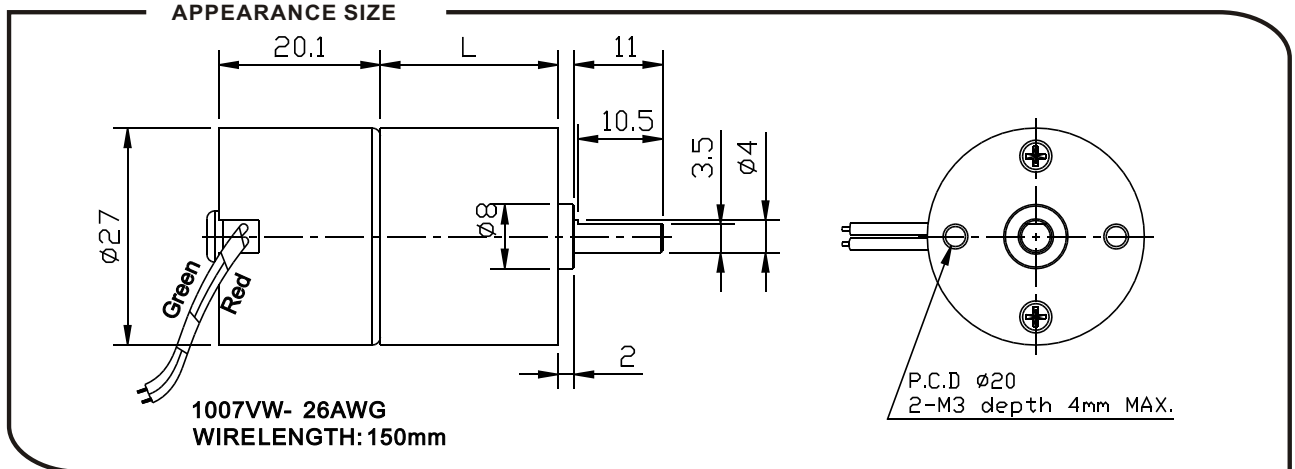
DS-27RS310 DC GEAR MOTOR Series DongShun

Main voltage: 3VDC、6VDC、9VDC、12VDC、24VDC、36VDC

Typical applications: Kind of figer-electronilocks,Water meter IC card,Toys and gifts,Optical equipment,Automatic energy saving bath,Office equipment,Household appliances,Automatic actuator.

Weight: 80~90g/pcs(approx)

Packing details: CTN size:37X27.5XH21cm 200pcs/CTN G.W.18Kgs



Gearbox data:

Number of stages	4 stages reduction	5 stages reduction	6 stages reduction	7 stages reduction
Reduction ratio	30、39	74、97	187、244	468、610
Gearbox length "L" mm	17.1	19.6	22.1	24.6
Max. Running torque	0.5Kgf • cm	1Kgf • cm	2Kgf • cm	3Kgf • cm
Max. Gear breaking torque	1.5Kgf • cm	3Kgf • cm	6Kgf • cm	9Kgf • cm
Max.Gearing efficiency	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
DS-310063800	6	≤30	3800	≤150	2850	16	0.46	64	500
DS-310065000	6	≤40	5000	≤250	3750	21	0.78	80	900
DS-310123800	12	≤15	3800	≤80	2850	16	0.46	64	250
DS-310125000	12	≤20	5000	≤130	3800	21	0.78	80	450
DS-310127600	12	≤40	7600	≤300	5700	31	1.8	120	1100
DS-310246000	24	≤25	6000	≤100	4500	24	1.1	95	320

1、 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. DS-27RS310063800-74K Motor please refer to the motor data DS-310063800. Gearbox please refer to gearbox data reduction ratio 74. Related to gearmotor output speed and torque please refer to motor data.
- 2、 Gearbox shell material: zinc alloy.
- 3、 Gearbox gear materials: The first stage gear: plastic gear. The final stage gear: 45# steel Heat-treatment gear. Other stages gear: powder metallurgy gear.
- 4、 Standard output shaft after reducing: 4.0mm. other sizes of the output shaft can make as client request.
- 5、 Chart only for reference, products shall prevail the entity.