

DS-37RSZY-36 DC GEAR MOTOR Series DongShun



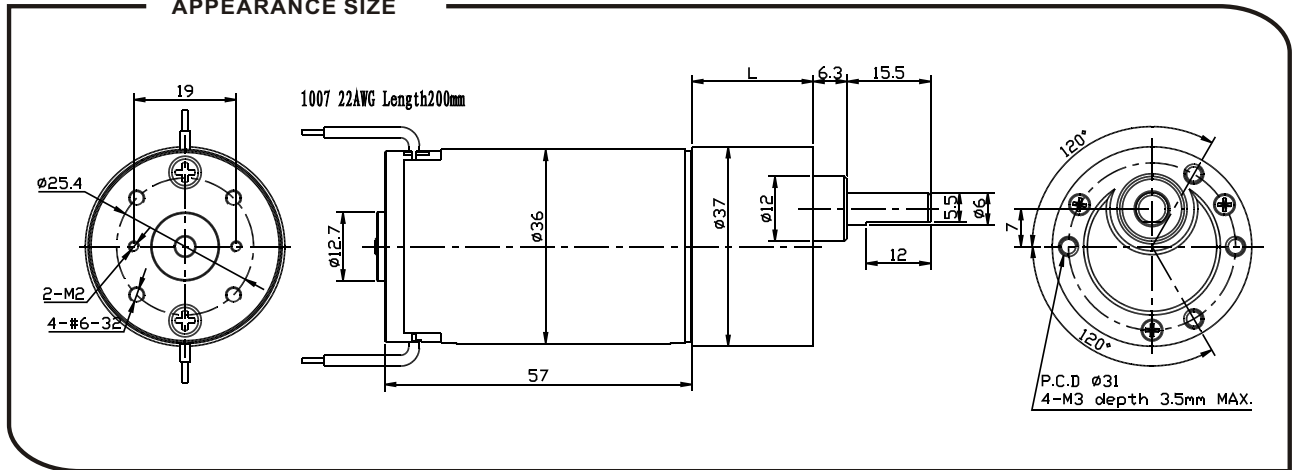
Main voltage: 3VDC, 6VDC, 9VDC, 12VDC, 24VDC, 36VDC

Typical applications: Auto shutter, Money detector, Binding machine, Automatic TV rack, Packing bank note machine, Towel dispensers, Tissue machine, Office equipment, Household appliances, Automatic actuator.

Weight: 350~400g/pcs (approx)

Packing details: CTN size: 27.5X26XH22.5cm 40pcs/CTN G.W. 15Kgs

APPEARANCE SIZE



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
Gearbox length "L" mm	23.5	26 28	30
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
36ZY123000	12	≤140	3000	≤800	2200	180	4.0	750	3000
36ZY124500	12	≤220	4500	≤1200	3300	250	8.5	950	4800
36ZY126000	12	≤350	6000	≤2000	4500	350	15.0	1400	6000
36ZY243000	24	≤70	3000	≤400	2200	180	4.0	750	1600
36ZY244500	24	≤110	4500	≤600	3300	250	8.5	950	3000
36ZY246000	24	≤180	6000	≤1000	4500	350	15.0	1400	4000

- 1、 This table lists some motors parameters, others please refer to specific parameters of Page 151.
- 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. ZY-36123000-90K Motor please refer to the motor data 36ZY123000. 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 138.
- 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: 6.0mm. other sizes of the output shaft can make as client request.
- 6、 Chart only for reference, products shall prevail the entity.