



## DS-33RS395 DC SPUR GEAR MOTOR Series

Main voltage: 6VDC、12VDC、24VDC

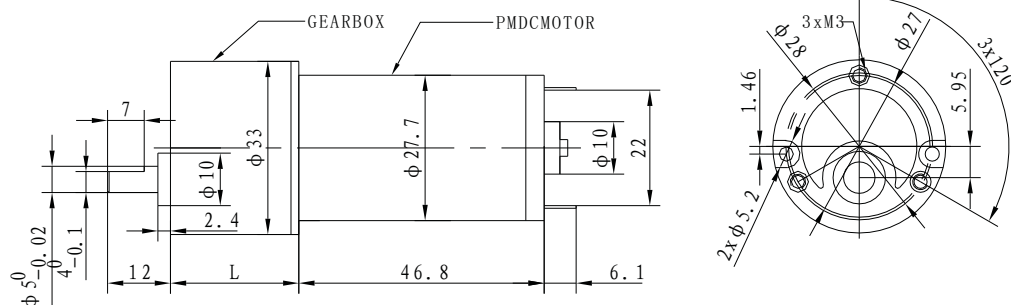
Typical applications:

Garbage disposers, Slot machine, Peristaltic pump, Angular telescope, Automatic door, Electric advertising, Medical equipment, ATM bank automatic system, Household appliances, Automatic actuator, Office equipment.

Weight: 140~180g/pcs(approx)

Packing details: CTN size: 28X26XH22.5cm 60pcs/CTN

### APPEARANCE SIZE



### Gearbox Data:

Number of stages	3 stages reduction	4 stages reduction	5 stages reduction	6 stages reduction	7 stages reduction
Reduction ratio	20	36.25、50	90.6、120.8	226.56、312.5	511.6、547.5、586、730、781.25
Gearbox length "L" mm	17.75	20	22.25	24.5	26.75
Max. Running torque	2Kgf • cm	2Kgf • cm	5Kgf • cm	8Kgf • cm	8Kgf • cm
Max. Gear breaking torque	6Kgf • cm	6Kgf • cm	15Kgf • cm	24Kgf • cm	24Kgf • cm
Max. Gearing efficiency	73%	65%	59%	53%	47%
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	A
RS-395123000	12	≤60	3000	≤250	2200	65	1.4	260	0.8
RS-395124500	12	≤90	4500	≤430	3300	80	2.6	320	1.4
RS-395126000	12	≤130	6000	≤750	4500	105	4.7	420	2.6
RS-395243000	24	≤40	3000	≤120	2200	65	1.4	260	0.4
RS-395244500	24	≤50	4500	≤220	3300	80	2.6	320	0.7
RS-395246000	24	≤70	6000	≤380	4500	105	4.7	420	1.4

Remarks: After connecting motor and gearbox(named gear motor),the output torque of gear motor=driving motor torque\*gear reduction ration\*gearing efficiency; Output speed of gear motor = Driving motor speed/gear reduction ration.

### NOTE:

1. Gear motor named methods:e.g.DS-33RS395123000-50K,as for Driving Motor, please refer to the motor data of RS-395123000;Gearbox, please refer to gearbox data of reduction ration 50.Related to the gear motor output speed & torque,please refer to the remarks in driving motor data;
2. Motor can be installed with magnetic encoder,for more details,pls refer to our company website;
3. Standard output shaft after reducing:  $\phi 6.0$ mm,othersizes of the output shaft can be made as client's request;
4. The gear materials can be plastic,powder metallurgy,or 45# steel after heat-treatment;