

DS-88SS528 DC GEAR MOTOR Series DongShun

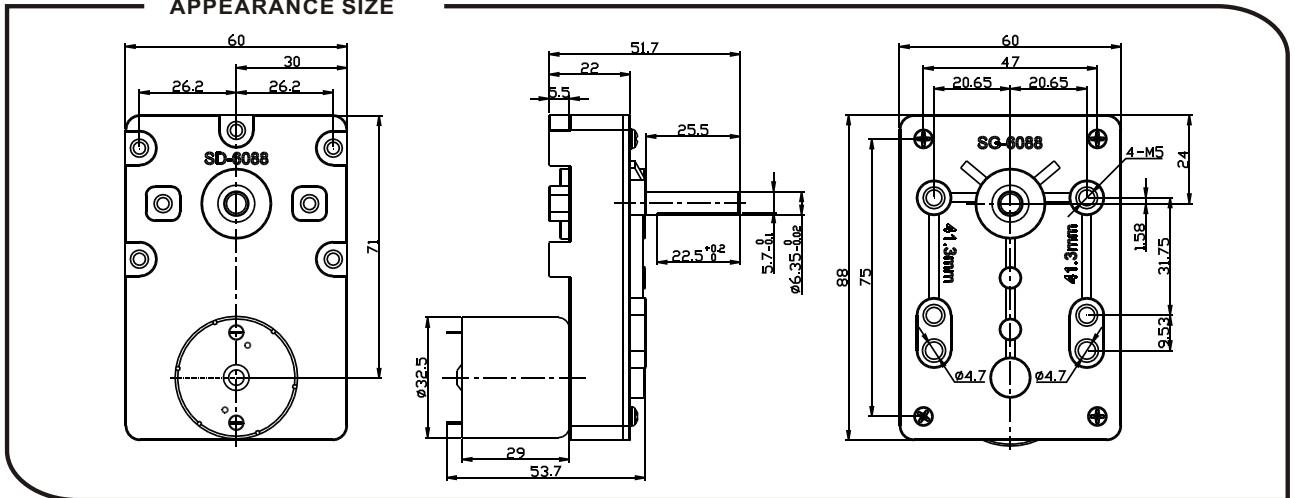
Main voltage: 3VDC, 6VDC, 9VDC, 12VDC, 24VDC.

Typical applications: Central air-conditioning valve, Amusement equipment, Coin refund devices, Grill, Oven, Peristaltic pumps, ATM bank automatic system, Robot, Medical equipment, Office equipment, Household appliances, Automatic actuator.

Weight: 350~400g/pcs (approx)

Packing details: CTN size: 55X35XH18cm 24pcs/CTN G.W. 11Kgs

APPEARANCE SIZE



Gearbox data:

Number of stages	3 stages reduction	4 stages reduction
Reduction ratio	11.2, 17.2, 20.5, 32.5, 46.5, 66.9	86.4, 109, 123, 186, 267
Max. Running torque	5Kgf · cm	10Kgf · cm
Max. Gear breaking torque	15Kgf · cm	30Kgf · cm
Max. Gearing efficiency	73%	65%
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-37RS528123400	12	≤40	3400	≤180	2500	40	1.0	160	720
DS-37RS528124500	12	≤60	4500	≤350	3300	60	2.0	210	1400
DS-37RS528126000	12	≤70	6000	≤720	4500	80	3.6	300	2800
DS-37RS528243000	24	≤15	3000	≤80	2200	40	0.9	140	320
DS-37RS528244500	24	≤25	4500	≤180	3300	60	2.0	210	730
DS-37RS528246700	24	≤45	6700	≤360	4500	80	3.6	300	1400

- 1、 This table lists some motors parameters, others please refer to specific parameters of Page 146.
- 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. DS-88SS528123400-20.5K Motor please refer to the motor data DS-37RS528123400. Gearbox please refer to gearbox data reduction ratio 20.5. 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 140.
- 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: 6.35mm. other sizes of the output shaft can make as client request.
- 6、 Chart only for reference, products shall prevail the entity.