



DS-33RS528 DC SPUR GEAR MOTOR Series

Main voltage: 6VDC, 12VDC, 24VDC

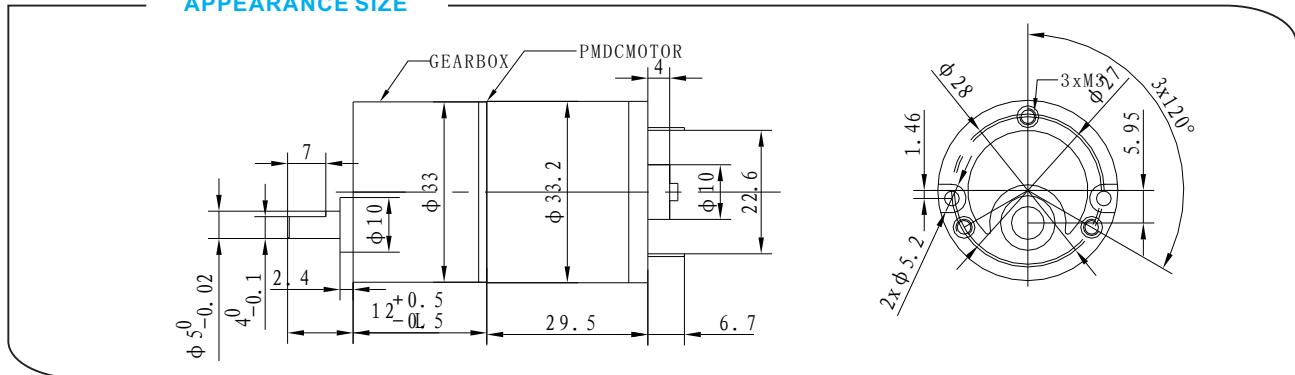
Typical applications:

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-528123400	12	≤40	3400	≤180	2500	40	1.0	160	0.72
RS-528124500	12	≤60	4500	≤350	3300	60	2.0	210	1.4
RS-528126000	12	≤70	6000	≤720	4500	80	3.6	300	2.8
RS-528243000	24	≤15	3000	≤80	2200	40	0.9	140	0.32
RS-528244500	24	≤25	4500	≤180	3300	60	2.0	210	0.73
RS-528246000	24	≤45	6000	≤360	4500	80	3.6	300	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:

- Gear motor named methods: e.g. DS-33RS528123400-50K, as for Driving Motor, please refer to the motor data of RS-528123400; 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;
- Motor can be installed with magnetic encoder, for more details, pls refer to our company website;
- Standard output shaft after reducing: φ6.0mm, other sizes of the output shaft can be made as client's request;
- The gear materials can be plastic, powder metallurgy, or 45# steel after heat-treatment;