

DS-25RS370 DC SPUR GEAR MOTOR Series

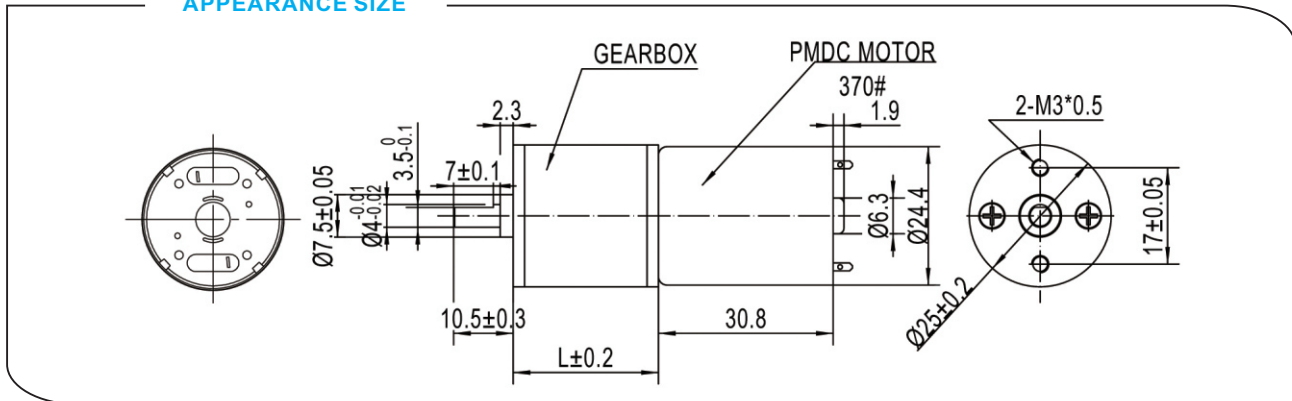
Main voltage: 6VDC, 12VDC, 24VDC

Typical applications:

Pan/Tilt cameras, Grill, Oven, Cleaning machine, Garbage disposers, Packing bank note machine, Coffee machine, Medical machine, Manostat, Amusement equipment, infusion pumps, Office equipment, Household appliances, Automatic



APPEARANCE SIZE



Gearbox Data:

Number of stages	4stages reduction	5stages reduction	6stages reduction	7stages reduction
Reduction ratio	18、20	39、45、61	82、99、122、141	173、271、355
Gearbox length L mm	20.8	23.2	25.6	28
Max. Running torque	0.25Kgf.cm	0.5 Kgf.cm	1 Kgf.cm	2 Kgf.cm
Max. Gear breaking torque	8 Kgf.cm	12 Kgf.cm	16 Kgf.cm	20 Kgf.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
RS-370063000	6	≤43	3000	≤80	2200	15	0.35	68	520
RS-370064500	6	≤56	4500	≤100	3300	28	0.9	108	860
RS-370066000	6	≤85	6000	≤120	4500	35	1.6	143	1250
RS-370123000	12	≤25	3000	≤72	2200	22	0.56	89	420
RS-370124500	12	≤35	4500	≤126	3300	30	1.03	115	690
RS-370126000	12	≤50	6000	≤220	4500	38	1.7	165	980

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-25RS370123000-60K,as for Driving Motor, please refer to the motor data of RS-370123000;Gearbox, please refer to gearbox data of reduction ration 60.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;