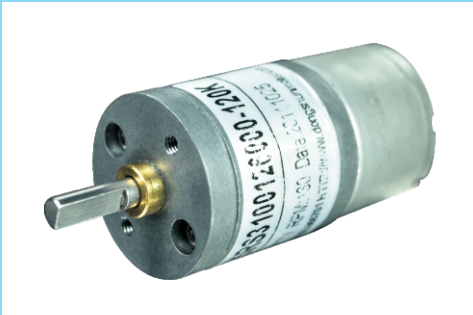


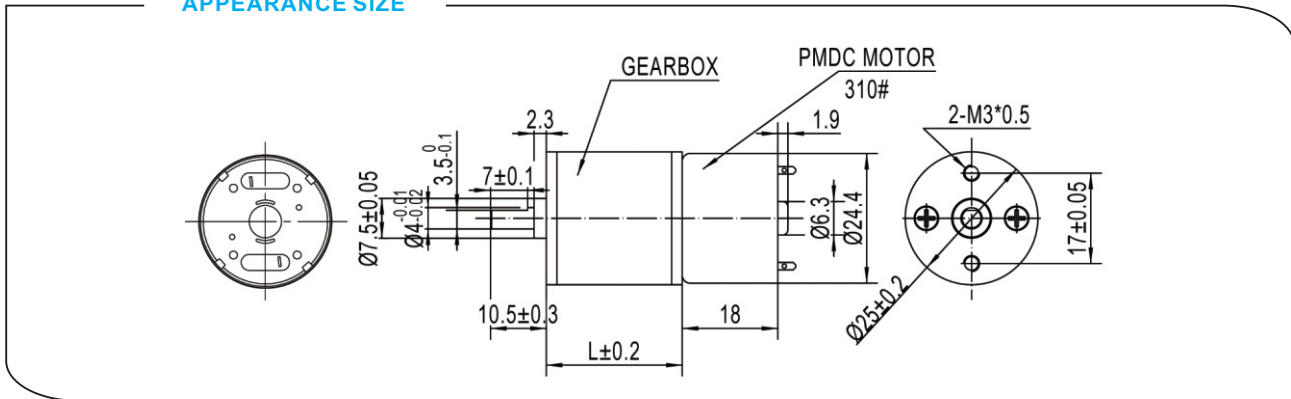
DS-25RS310 DC SPUR GEAR MOTOR Series



Main voltage: 6VDC, 12VDC, 24VDC
 Typical applications:

Auto shutter, Money detector, Binding machine, Automatic TV rack, Packing bank note machine, Limelight, Tissue machine, Office equipment, Household appliances, Automatic actuator.

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, 217, 355
Gearbox length L mm	20.8	23.2	25.6	28
Max. Running torque	0.1Kgf. cm	0.3 Kgf. cm	0.5 Kgf. cm	0.8 Kgf. cm
Max. Gear breaking torque	8 Kgf. cm	10 Kgf. cm	15 Kgf. cm	18 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-310063000	6	≤25	3000	≤125	2200	5.0	0.12	20	480
RS-310064500	6	≤30	4500	≤167	3300	8.5	0.3	34	630
RS-310066000	6	≤35	6000	≤212	4500	10	0.47	42	750
RS-310123000	12	≤15	3000	≤102	2200	6.5	0.15	25	360
RS-310124500	12	≤20	4500	≤150	3300	10.2	0.35	38	580
RS-310126000	12	≤25	6000	≤168	4500	12	0.56	46	625

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

NOTE:

1. Gear motor named methods: e.g. DS-25RS310123000-60K, as for Driving Motor, please refer to the motor data of RS-310123000; Gearbox, please refer to gearbox data of reduction ratio 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: $\varnothing 6.0$ mm, other sizes 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;