SG-27 DC GEAR MOTOR Series
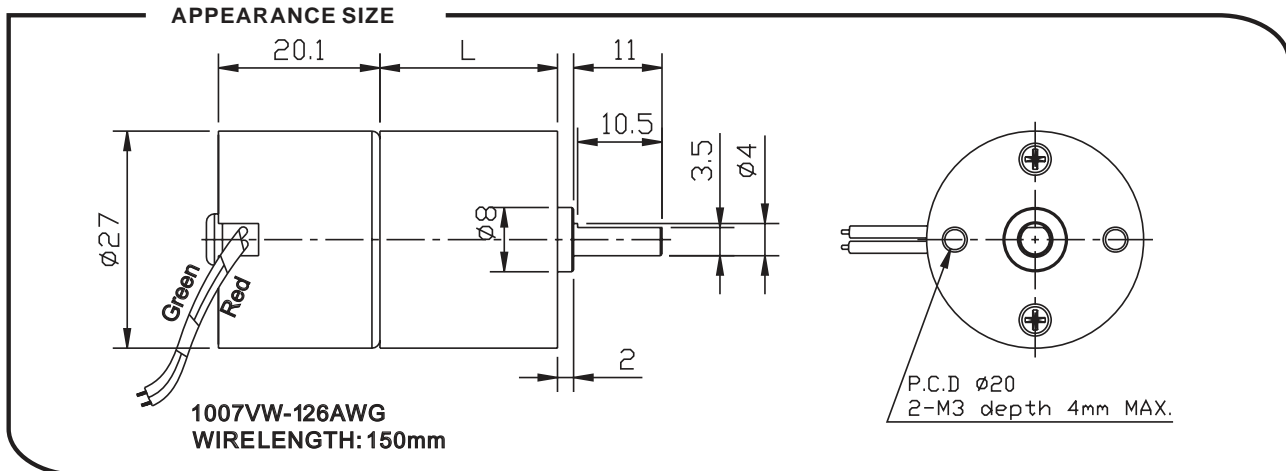
APPEARANCE SIZE

1007VW-126AWG
WIRE LENGTH: 150mm

P.C.D Ø20
2-M3 depth 4mm MAX.

Gearbox data:

Number of stages	4 stages reduction	5 stages reduction	6 stages reduction	7 stages reduction
Reduction ratio	30、39	74、97	187、244	468、610
Gearbox length "L" mm	17.1	19.6	22.1	24.6
Max. Running torque	0.5Kgf・cm	1Kgf・cm	2Kgf・cm	3Kgf・cm
Max. Gear breaking torque	1.5Kgf・cm	3Kgf・cm	6Kgf・cm	9Kgf・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
SG-27063800	6	≤30	3800	≤150	2850	16	0.46	64	500
SG-27065000	6	≤40	5000	≤250	3750	21	0.78	80	900
SG-27123800	12	≤15	3800	≤80	2850	16	0.46	64	250
SG-27125000	12	≤20	5000	≤130	3800	21	0.78	80	450
SG-27127600	12	≤40	7600	≤300	5700	31	1.8	120	1100
SG-27246000	24	≤25	6000	≤100	4500	24	1.1	95	320

1、After connecting motor and gearbox which isnamed 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. SG-27063800-74K   Motor please refer to the motor data SG-27063800.Gearbox please refer to gearbox data reduction ratio 74.Related to gearmotor output speed and torque please refer to motor data.

2、Gearbox shell material:zinc alloy.

3、Gearbox gear materials: The first stage gear:plastic gear.The final stage gear:45[#] steel Heat-treatment gear.Other stages gear:powder metallurgy gear.

4、Standard output shaft after reducing:Φ4.0mm.other sizes of the output shaft can make as client request.

5、Chart only for reference,products shall prevail the entity.