SG-27063800 Series

SGMADA®

6VDC LOW NOISE LONG LIFE)

DC GEARED MOTOR

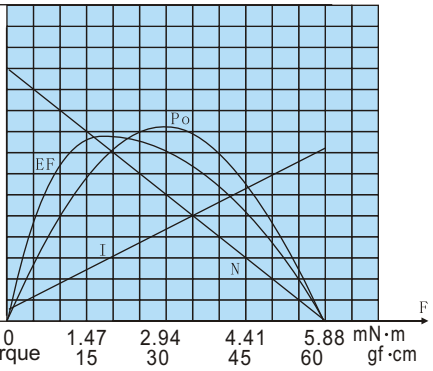
OUTPUT POWER: 0.3W(APPROX)

WEIGHT: 80～90g(APPROX)

Typical applications: Door locks、money counting machine、electronic locks、kind of finger-electroni locks.

MOTOR CHARACTERISTICS

Po	EF	I	N
0.6	60	450	4500
0.4	40	300	3000
0.2	20	150	1500
W	%	mA	r/min

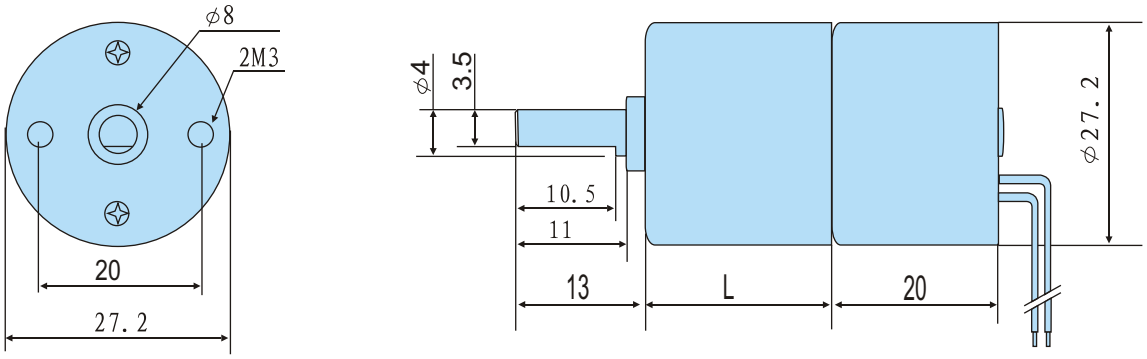


I:current N:speed
Po:output power F:Torque
EF:efficiency

MOTOR TORQUE/SPEED/CURRENT

Rated voltage	6VDC
No load speed	3800r/min
No load current	40mA
Rated torque	12gf • cm 1.2mN • m
Rated current	140mA
Rated speed	2850r/min
Stall torque	50gf • cm 4.9mN • m
Stall current	400mA

APPEARANCE SIZE



GEARED MOTOR TORQUE/SPEED/CURRENT

Geared motor name	Rated Volt V	No load		Load torque				At maximum efficiency		Output power W	Number of gear trains	Gearbox length "L" mm
		Current	Speed	Current	Speed	Torque						
		mA	r/min	mA	r/min	Kgf • cm	mN • m	Kgf • cm	mN • m			
SG-27063800-30K	6	≤40	125	≤140	95	0.3	29.4	1.0	98	0.3	4	17.1
SG-27063800-39K	6	≤40	97	≤140	73	0.4	39.2	1.2	118	0.3	4	17.1
SG-27063800-74K	6	≤40	51	≤140	38	0.8	78.4	2.4	235	0.3	5	19.6
SG-27063800-97K	6	≤40	39	≤140	29	1.0	98	3.0	294	0.3	5	19.6
SG-27063800-187K	6	≤40	20	≤140	15	2.0	196	6.0	588	0.3	6	22.1
SG-27063800-244K	6	≤40	15	≤140	11.5	2.6	255	8.0	784	0.3	6	22.1
SG-27063800-468K	6	≤40	8	≤120	6.5	3.0	294	9.0	882	0.2	7	24.6
SG-27063800-610K	6	≤40	6	≤100	5.5	3.0	353	11	1078	0.17	7	24.6
Other spec												
Packing Details	CTN size:37X27.5XH21CM 200pcs/CTN N.W.18Kgs											