



输出功率：约0.2~3.0W

精密金属齿轮减速电机

典型应用： 电子门锁  
智能家居  
智能机器人  
电动玩具

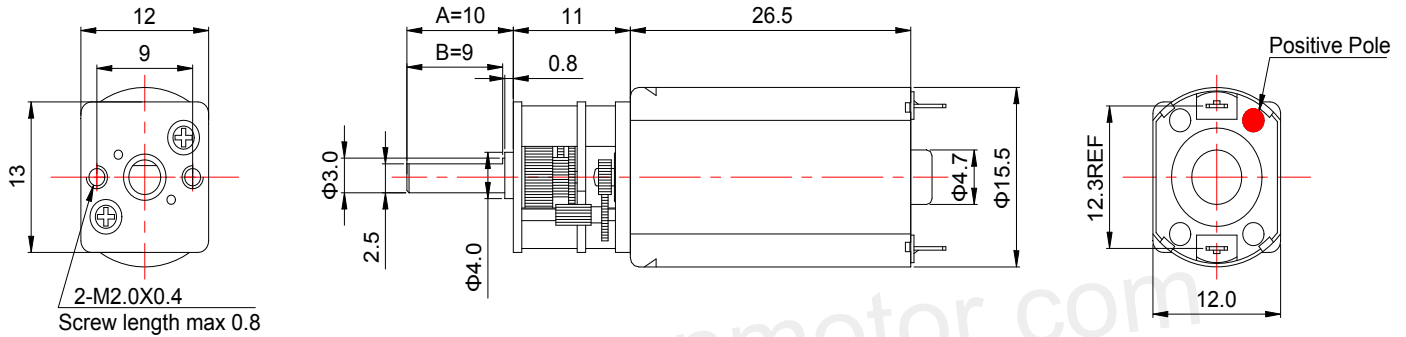
OUTPUT:APPROX 0.2~3.0W

Precision Metal Gear Motor

Typical Applications: Electronic Door Lock  
Smart Home Appliance  
Smart Robot  
Electric Toys

## 1.OUTLINE DRAWING:

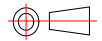
UNIT:MM



Customizable Parameters:

1. Length A and B
2. Electric Performance
3. Output shaft specifications
4. Reduction Ratio

View:



WEIGHT: 21.5g(Approx)

## 2.GEARBOX REDUCTION RATIO:

Gearbox Length (mm)	Stage Number	Reduction Ratio						Rated Torque	Bearable Maximum Instant Torque
		g.cm							
11	2	3/1	7/1	10/1				300	600
	4	20/1	30/1	35/1	50/1	63/1	86/1	500	1000
	5	115/1	150/1	210/1	250/1	360/1		800	1600

## 3.MOTOR PERFORMANCE :

1mN.m $\approx$ 10.2g.cm $\approx$ 0.142oz.in

MODEL	REDUCTION RATIO	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL	
		OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	TORQUE	CURRENT
			V	rpm	A	rpm	A	g.cm	W	g.cm	A
13GF050-150-0374	150/1	2.0~4.0	3.0	74	0.11	60	0.46	610	0.38	3130	1.9
13GF050-70-12200	70/1	5.0~12.0	12.0	200	0.046	160	0.19	420	0.69	2160	0.8
13GF050-210-0638	210/1	3.0~7.0	6.0	38	0.09	31	0.37	1400	0.45	7320	1.52
13GF050-50-06240	50/1	3.0~7.0	6.0	240	0.07	192	0.3	300	0.59	1520	1.3