



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

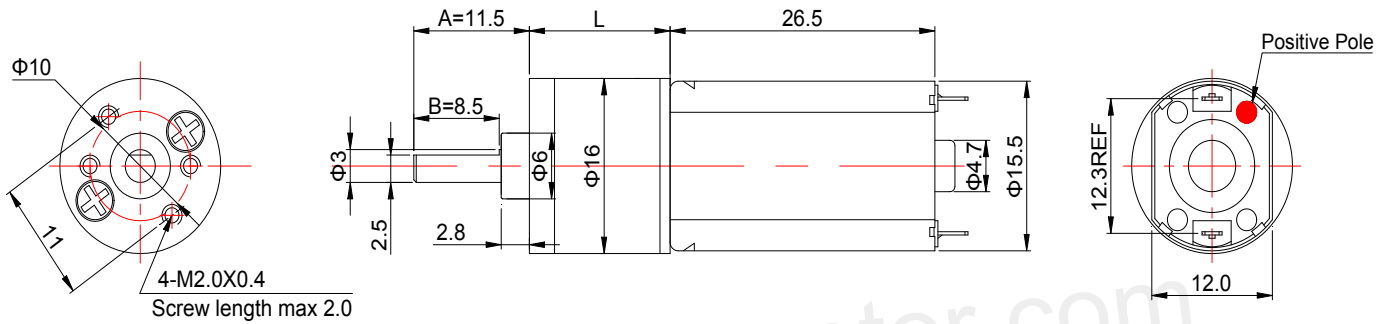
OUTPUT:APPROX 0.2~3.0W

Precision Metal Gear Motor

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

## 1.OUTLINE DRAWING:

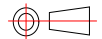
UNIT:MM



Customizable Parameters:

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

View:



WEIGHT: 32g(Approx)

## 2.GEARBOX REDUCTION RATIO:

Gearbox Length (mm)	Stage Number	Reduction Ratio						Rated Torque	Bearable Maximum Instant Torque
		kg.cm							
11	3	11.5/1	14/1					0.2	0.5
12.5	4	23/1	28/1	32/1	40/1			0.3	0.7
14	5	46/1	56/1	65/1	80/1	91/1	112/1	0.4	0.8
15.5	6	130/1	159/1	183/1	224/1	257/1	315/1	0.5	1.0
17	7	365/1	448/1	515/1	630/1	725/1	889/1	0.6	1.2

## 3.MOTOR PERFORMANCE :

1N.m≈10.2kg.cm≈14.2oz.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	kg.cm	W	kg.cm	A
16GA050-32-06385	32/1	3.0~6.0	6.0	385	0.08	317	0.37	0.23	0.75	1.32	1.42
16GA050-91-12130	91/1	5.0~12.0	12.0	130	0.05	102	0.16	0.67	0.70	3.1	0.58
16GA050-224-0658	224/1	3.0~6.0	6.0	58	0.06	46	0.23	1.1	0.52	5.3	0.85