



输出功率: 约0.5~10W  
精密金属齿轮减速电机

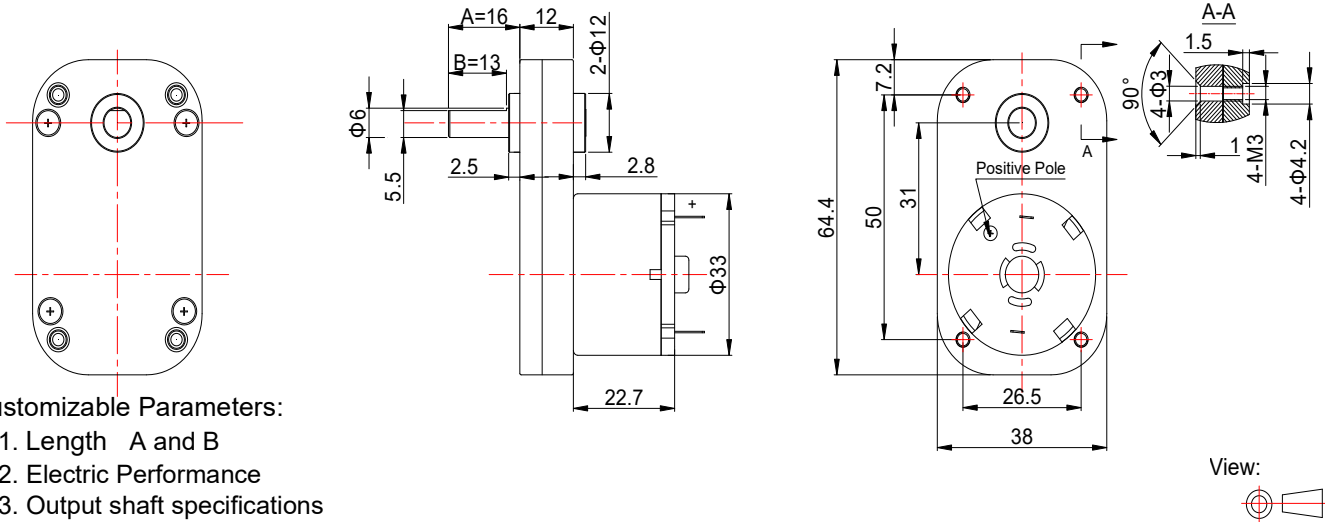
典型应用: 智能家居  
智能机器人  
自动售货机  
阀门

OUTPUT: APPROX 0.5~10W  
Precision Metal Gear Motor

Typical Applications: Smart Home Appliance  
Smart Robot  
Vending Machine  
Valve

## 1. OUTLINE DRAWING:

UNIT:MM



## 2. GEARBOX REDUCTION RATIO:

Gearbox Length (mm)	Stage Number	Reduction Ratio						Rated Torque	Bearable Maximum Instant Torque
		kg.cm							
64.4 x 38 x 12	3	36/1	40/1	60/1	67/1			3.0	6.0
	4	85/1	90/1	114/1	120/1	200/1		6.0	10.0
	4	96/1	101/1	128/1	135/1	225/1		8.0	15.0
	5	400/1	450/1					10.0	20.0

## 3. MOTOR PERFORMANCE :

1N.m≈10.2kg.cm≈14.2oz.in

MODEL	REDUCTION RATIO	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL	
		OPERATING RANGE	NOMINA	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	TORQUE	CURRENT
			V								
38GF520-36-12160	36/1	5.0~14.0	12.0	160	0.05	133	0.3	1.0	1.36	6.1	1.6
38GF520-135-1242	135/1	5.0~14.0	12.0	42	0.05	36	0.28	3.0	1.11	20.9	1.6
38GF520-225-1225	225/1	5.0~14.0	12.0	25	0.05	22	0.28	5.0	1.13	34.9	1.6
38GF520-450-1212	450/1	5.0~14.0	12.0	12	0.05	10	0.3	10.0	1.03	62.4	1.6