

MODEL:1024GFN20



输出功率: 约0.1~1.5W
精密金属齿轮减速电机

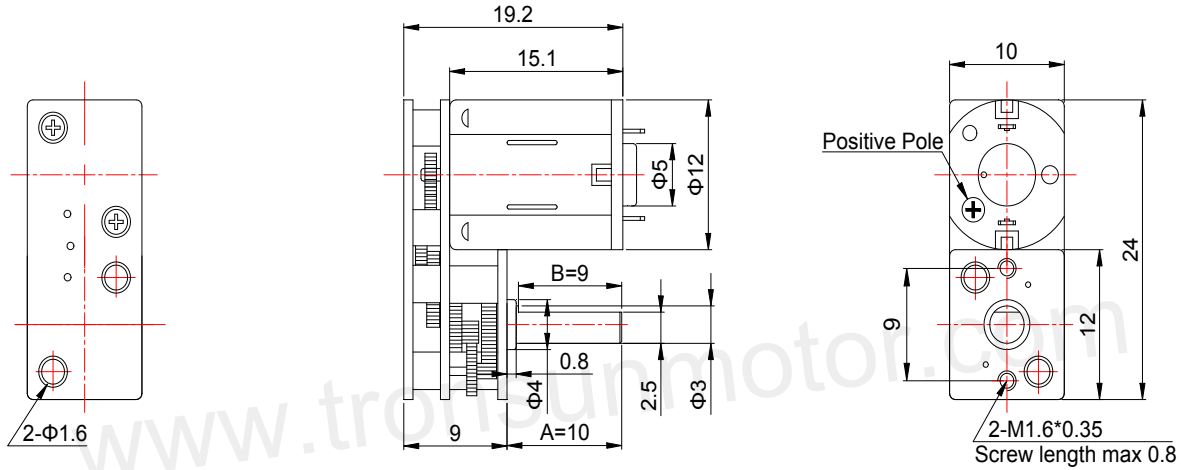
OUTPUT: APPROX 0.1~1.5W
Precision Metal Gear Motor

典型应用: 电子门锁
智能家居
智能机器人
家用电器

Typical Applications: Electronic Door Lock
Smart Home Appliance
Smart Robot
Household Appliances

1. OUTLINE DRAWING:

UNIT:MM



Customizable Parameters:

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

WEIGHT: 11.5g(Approx)

View:



2. GEARBOX REDUCTION RATIO:

Gearbox Length (mm)	Stage Number	Reduction Ratio						Rated Torque	Bearable Maximum Instant Torque
		g.cm							
9	4	26/1	34/1	50/1				300	600
	4 (Enhanced)	78/1						500	1000
	6 (Enhanced)	110/1	168/1	210/1	250/1	293/1	350/1	1000	1800
	6	380/1	500/1	1000/1				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
1024GFN20-168-05152	168/1	3.0~6.0	5.0	152	0.07	130	0.3	300	0.40	2136	1.7
1024GFN20-210-0680	210/1	3.0~6.0	6.0	80	0.03	62	0.15	400	0.25	1736	0.53
1024GFN20-50-03210	50/1	2.0~4.0	3.0	210	0.033	143	0.13	110	0.16	345	0.43
1024GFN20-380-1268	380/1	3.0~12.0	12.0	68	0.03	54	0.16	1000	0.55	4830	0.61
1024GFN20-500-0642	500/1	3.0~6.0	6.0	42	0.04	35	0.18	800	0.29	4750	0.87
1024GFN20-1000-0610	1000/1	3.0~7.0	6.0	10	0.015	8.5	0.04	600	0.05	4460	0.17