



FF-N20VA

OUTPUT: APPROX 0.2~0.8W

Precious metal-brush motors

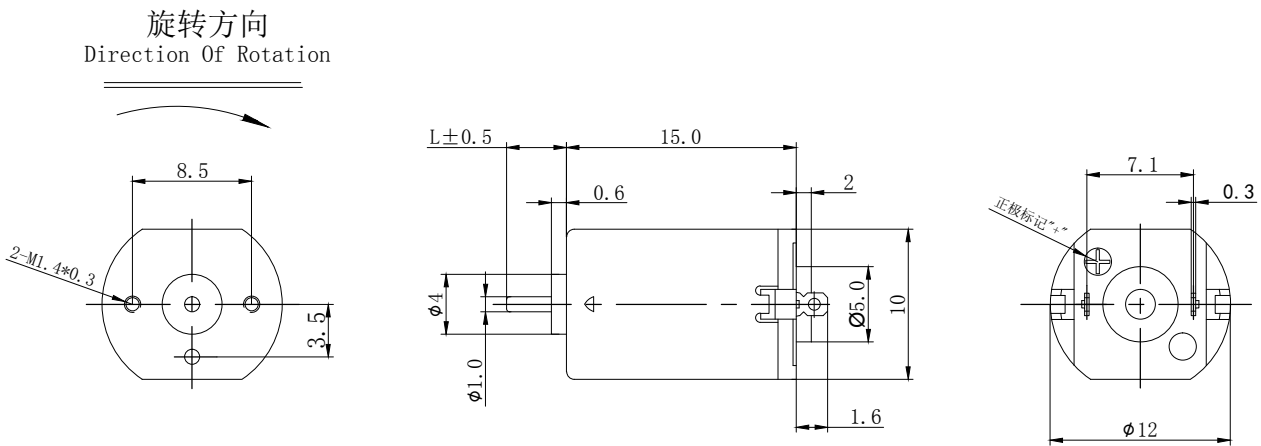
代表的用途: 照相机、航模
血压计

Camera Model Airplane
Blood Pressure Meter



MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL	
	OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	TORQUE	CURRENT
			r/min	A	r/min	A	mN.m	W	g.cm	A
FF-N20-07285	3-6V	5.0V	10000	0.014	8233	0.058	0.26	0.17	13.7	0.239
FF-N20-09170	3-6V	3.0V	10000	0.026	8434	0.102	0.21	0.17	10.5	0.404
FF-N20-12110	3-6V	3.0V	15000	0.040	12484	0.185	0.29	0.34	16.7	0.856

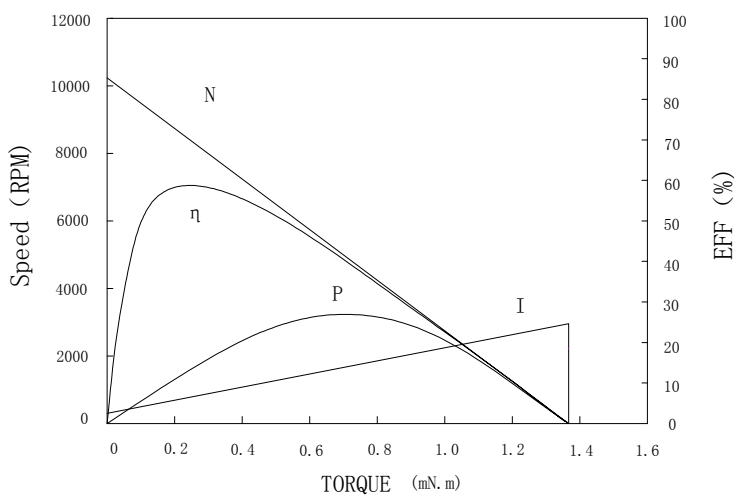
UNIT: MILLIMETERS



WEIGHT: 6g (APPROX)

FF-N20-07285

5.0V



At No Load

Speed: 10225 RPM
Current: 0.014 AMPS

At stall (Extrapolated)

Torque: 1.34 mN.m
Current: 0.239 AMPS

At maximum efficiency

Efficiency: 57.5 %
Torque: 0.260 mN.m
Speed: 8233 RPM
Current: 0.058 AMPS
Output: 0.17 Watts

At maximum Power output

Output: 0.265 Watts
Torque: 0.668 mN.m
Speed: 5748 RPM
Current: 0.11 AMPS

Characteristics

Torque constant K_t : 5.939 mN.m/APM
E. M. F. constant E_c : 5.939 mV/rad/sec
Dynamic resistance: 20.9117 Ohms
Motor regulation M_r : 7647.90 RPM/mN.m