



# FF-N30VA

OUTPUT: APPROX 0.1~0.8W

Precious metal-brush motors

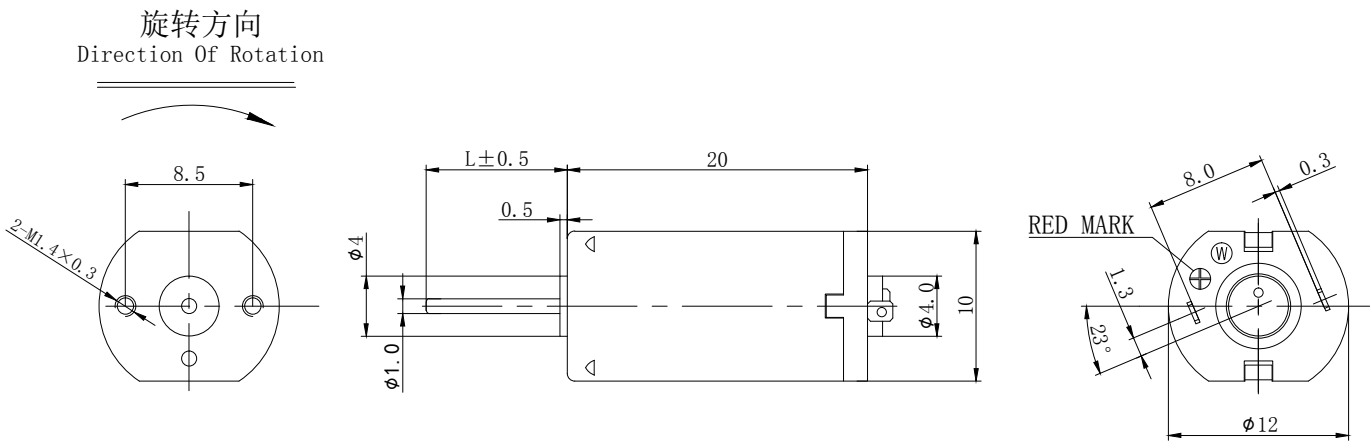
代表的用途: 光盘播放机、MD录放机

CD player MD recorder

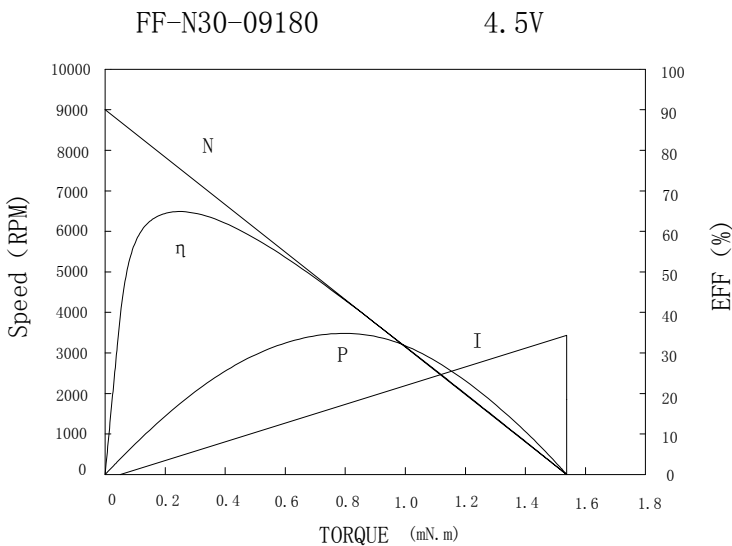


MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL	
	OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	TORQUE	CURRENT
			r/min	A	r/min	A	mN.m	W	g.cm	A
FF-N30-09180	2-6V	4.5V	9000	0.015	7489	0.071	0.28	0.20	16	0.338
FF-N30-1945	1-3V	1.5V	12000	0.08	9834	0.377	0.36	0.35	20.8	1.78

UNIT: MILLIMETERS



WEIGHT: 7g (APPROX)



At No Load

Speed: 9067 RPM  
Current: 0.015 AMPS

At stall (Extrapolated)

Torque: 1.38 mN.m  
Current: 0.338 AMPS

At maximum efficiency

Efficiency: 62.3 %  
Torque: 0.275 mN.m  
Speed: 7489 RPM  
Current: 0.071 AMPS  
Output: 0.20 Watts

At maximum Power output

Output: 0.347 Watts  
Torque: 0.791 mN.m  
Speed: 4955 RPM  
Current: 0.16 AMPS

Characteristics

Torque constant  $K_t$ : 4.900 mN.m/APM  
E. M. F. constant  $E_c$ : 4.900 mV/rad/sec  
Dynamic resistance: 13.3153 Ohms  
Motor regulation  $M_r$ : 5729.55 RPM/mN.m