



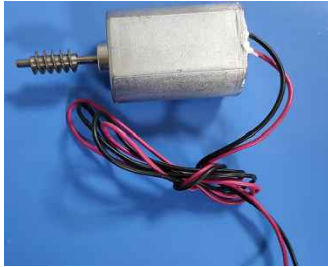
FS-545/540SM

OUTPUT: APPROX 1.0~55W

Carbon Brush Motors

代表的用途: 家用电器、泵
自行车电装机器

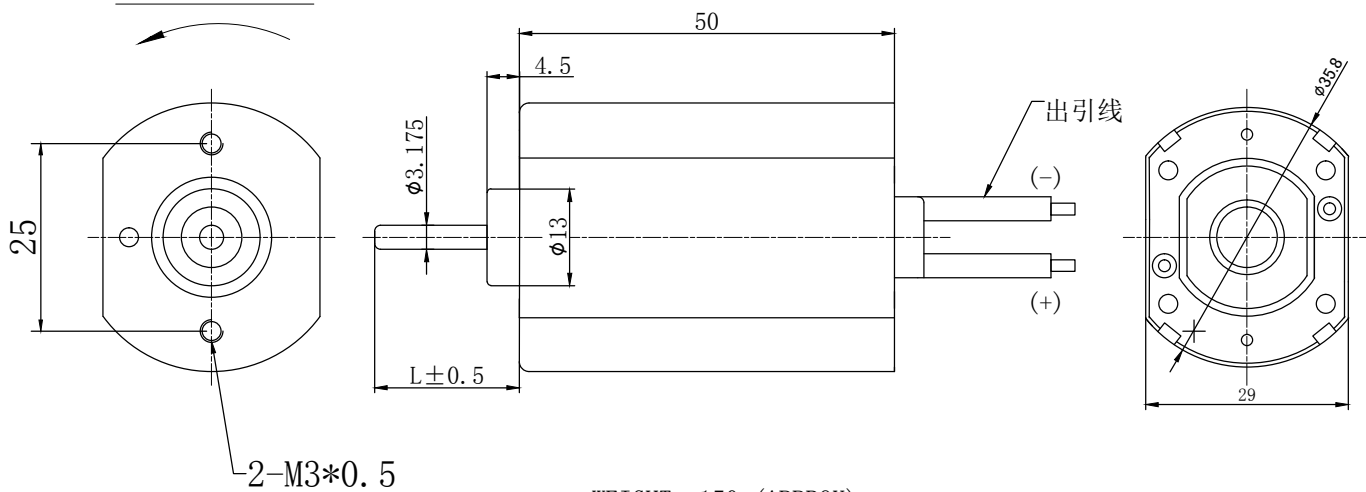
Typical Applications/Household Appliances
Automotive Products



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	g. cm	W	g. cm	A
FS-545SMG-16210	10-14V	12.0V	2032	0.036	1670	0.166	88	1.22	499	0.765

旋转方向
Direction Of Rotation

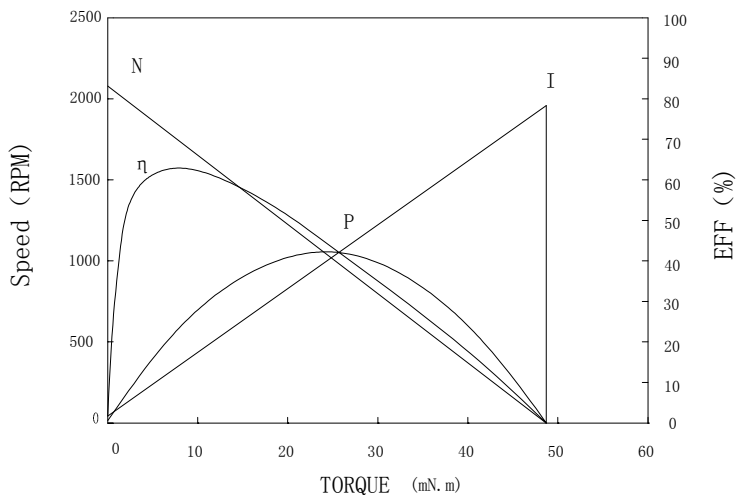
UNIT: MILLIMETERS



WEIGHT: 150g (APPROX)

FS-545SMG-16210

12.0V



At No Load

Speed: 2032 RPM
Current: 0.036 AMPS

At stall (Extrapolated)

Torque: 48.93 mN.m
Current: 0.765 AMPS

At maximum efficiency

Efficiency: 61.3 %
Torque: 8.722 mN.m
Speed: 1670 RPM
Current: 0.166 AMPS
Output: 1.22 Watts

At maximum Power output

Output: 2.084 Watts
Torque: 24.464 mN.m
Speed: 1116 RPM
Current: 0.36 AMPS

Characteristics

Torque constant K_t : 67.124 mN.m/APM
E. M. F. constant E_c : 67.124 mV/rad/sec
Dynamic resistance: 15.6878 Ohms
Motor regulation M_r : 41.53 RPM/mN.m