



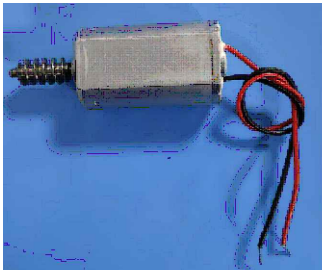
FS-390/395SM

OUTPUT: APPROX 0.5~55W

Carbon Brush Motors

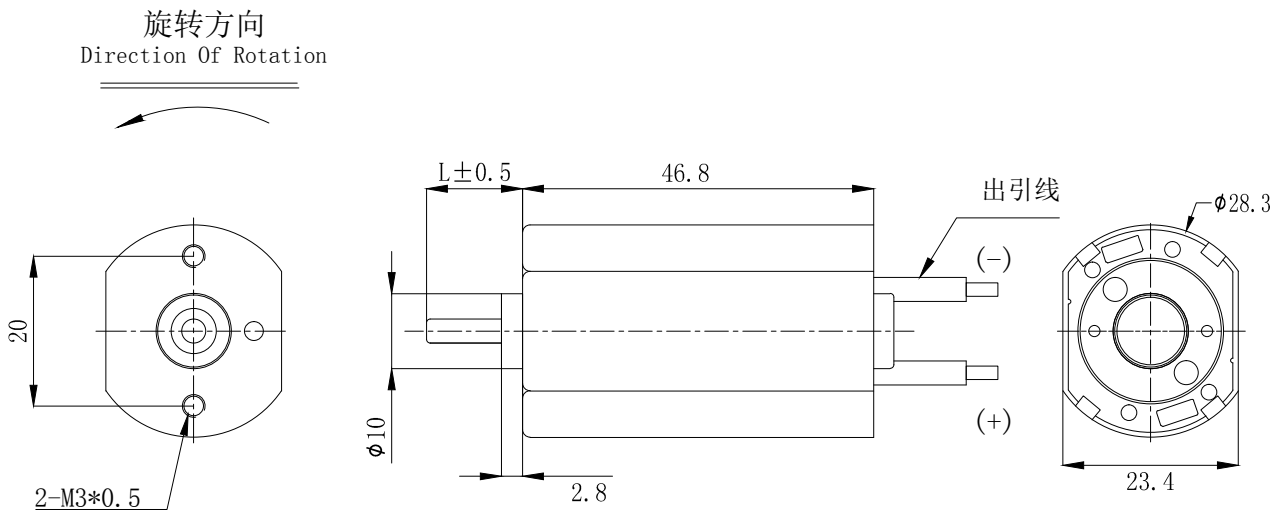
代表的用途: 家用电器、泵
自行车电装机器

Typical Applications/Household Appliances
Automotive Products



MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL	
	OPERATING RANGE	NOMINAL	SPEED r/min	CURRENT A	SPEED r/min	CURRENT A	TORQUE g. cm	OUTPUT W	TORQUE g. cm	CURRENT A
FS-395SM-14140	10-14V	12.0V	3020	0.093	2283	0.288	69	1.58	282	0.892
FS-395SM-13170	10-14V	12.0V	2500	0.45	1855	0.129	65	0.66	255	0.372

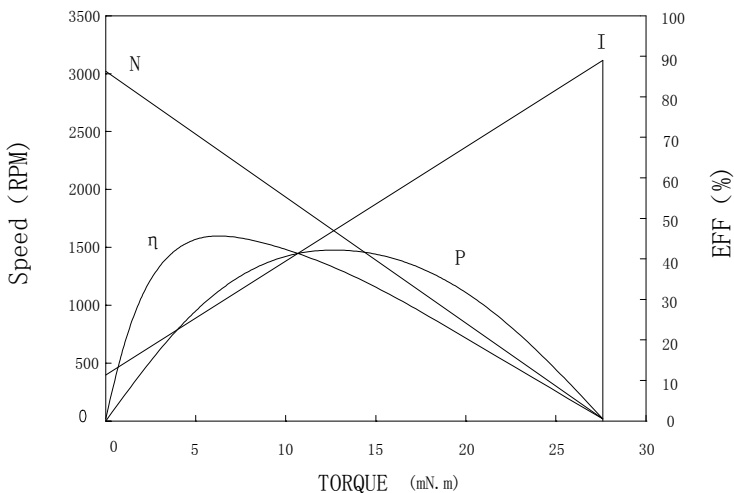
UNIT: MILLIMETERS



WEIGHT: 100g (APPROX)

FS-395SM-14140

12V



At No Load

Speed: 3020 RPM
Current: 0.093 AMPS

At stall (Extrapolated)

Torque: 27.72 mN.m
Current: 0.892 AMPS

At maximum efficiency

Efficiency: 45.9 %
Torque: 6.767 mN.m
Speed: 2283 RPM
Current: 0.288 AMPS
Output: 1.58 Watts

At maximum Power output

Output: 2.148 Watts
Torque: 13.862 mN.m
Speed: 1861 RPM
Current: 0.40 AMPS

Characteristics

Torque constant K_t : 34.691 mN.m/APM
E. M. F. constant E_c : 34.691 mV/rad/sec
Dynamic resistance: 13.4498 Ohms
Motor regulation M_r : 108.93 RPM/mN.m