



RK-3042SA

OUTPUT: APPROX 1.0~50W

Carbon-brush motors

代表的用途: 泵类、智能卫浴

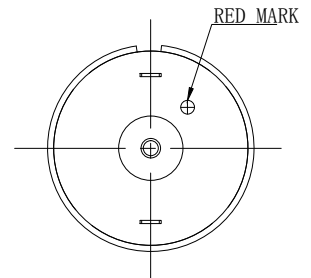
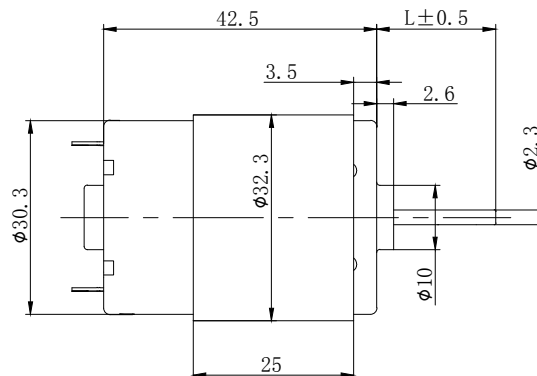
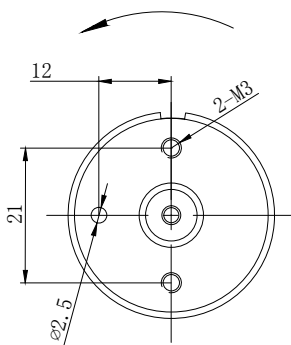
Pump Intelligent bathroom



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
RK-3042SA-22240	6-12V	12.0V	3350	0.069	2817	0.35	10.5	3.16	650	1.8
RK-3042SA-28120	6-12V	12.0V	6700	0.146	5908	1.14	15.8	10	1400	8.9

UNIT: MILLIMETERS

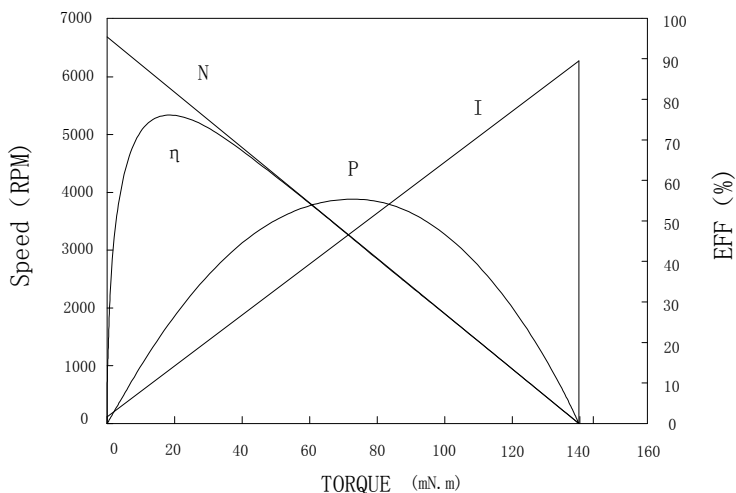
旋转方向
Direction Of Rotation



WEIGHT: 120g (APPROX)

RK-3042SA-28120

12.0V



At No Load

Speed: 6665 RPM
Current: 0.145 AMPS

At stall (Extrapolated)

Torque: 139.17 mN.m
Current: 8.893 AMPS

At maximum efficiency

Efficiency: 76.0 %
Torque: 15.807 mN.m
Speed: 5908 RPM
Current: 1.139 AMPS
Output: 10.39 Watts

At maximum Power output

Output: 25.811 Watts
Torque: 69.587 mN.m
Speed: 3444 RPM
Current: 4.37 AMPS

Characteristics

Torque constant K_t : 15.910 mN.m/APM
E. M. F. constant E_c : 15.910 mV/rad/sec
Dynamic resistance: 1.3493 Ohms
Motor regulation M_r : 47.89 RPM/mN.m