



FK-280SA

OUTPUT: APPROX 0.3~23W

Carbon brush motors

代表的用途: 汽车配件、脱毛器
各种电动玩具

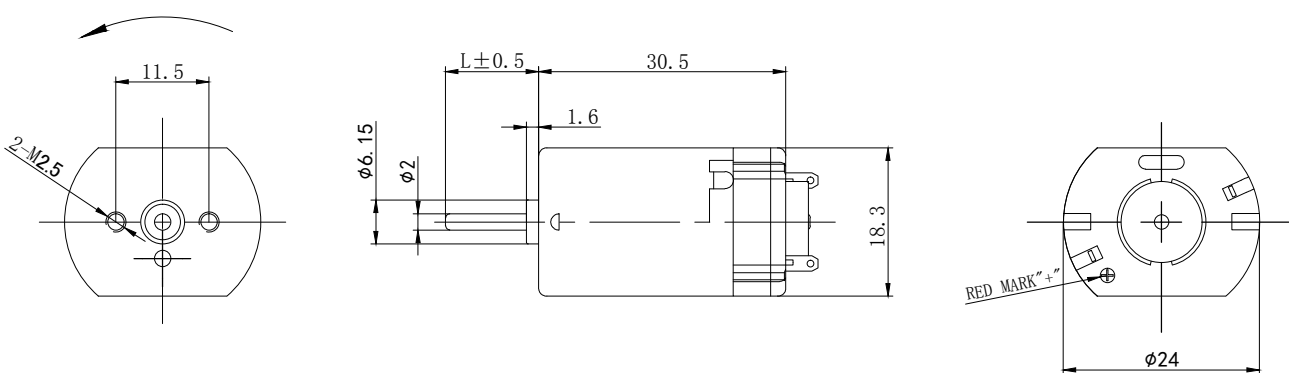
Auto parts Hair removal device
All kinds of electric toys



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
FK-280S-3736	1.5-3.0V	2.4V	11300	0.30	9562	1.58	2.38	2.54	159	8.74
FK-280S-3158	1.5-3.0V	2.4V	7400	0.18	6152	0.91	2.35	1.41	146	4.63

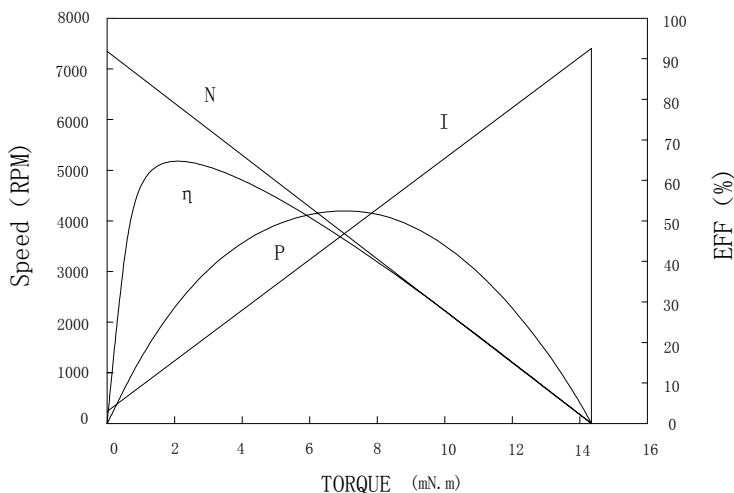
UNIT: MILLIMETERS

旋转方向
Direction Of Rotation



WEIGHT: 36g (APPROX)

FK-280S-3158 2.4V



At No Load

Speed: 7365 RPM
Current: 0.18 AMPS

At stall (Extrapolated)

Torque: 14.29 mN.m
Current: 4.628 AMPS

At maximum efficiency

Efficiency: 64.4 %
Torque: 2.354 mN.m
Speed: 6152 RPM
Current: 0.913 AMPS
Output: 1.41 Watts

At maximum Power output

Output: 2.565 Watts
Torque: 7.146 mN.m
Speed: 3981 RPM
Current: 2.22 AMPS

Characteristics

Torque constant K_t : 3.213 mN.m/APM
E. M. F. constant E_c : 3.213 mV/rad/sec
Dynamic resistance: 0.5186 Ohms
Motor regulation M_r : 515.30 RPM/mN.m