



FF-031PK

OUTPUT: APPROX 0.2~3.5W

Precious metal-brush motors

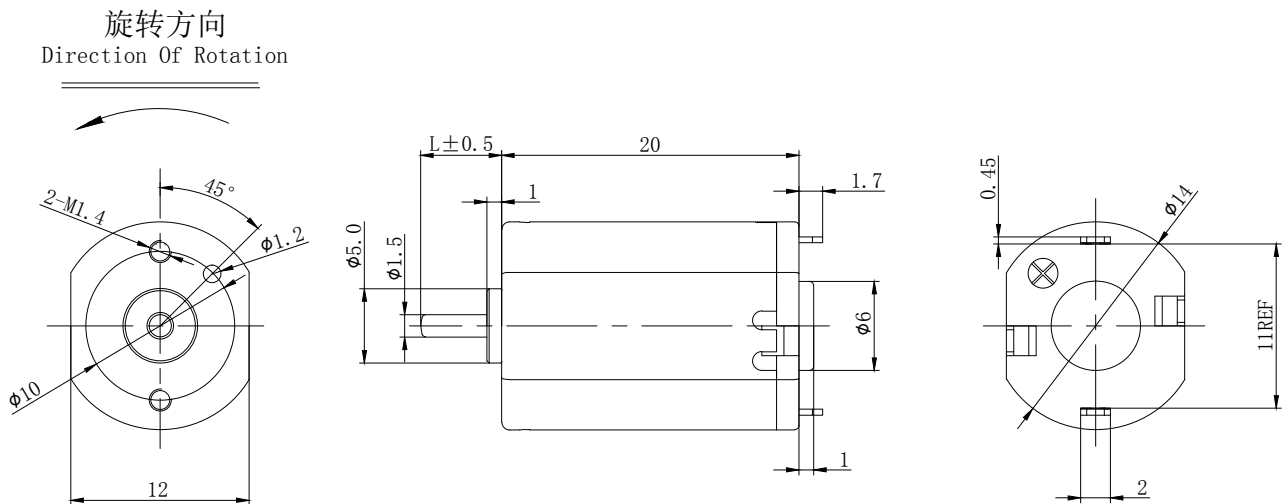
代表的用途: 血压计

Sphygmomanometer



MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL	
	OPERATING RANGE	NOMINAL	SPEED r/min	CURRENT A	SPEED r/min	CURRENT A	TORQUE mN.m	OUTPUT W	TORQUE g.cm	CURRENT A
FF-031PK-13130	1-4V	3.0V	10000	0.031	8551	0.151	0.35	0.29	21.00	0.74
FF-031PK-14100	1-4V	3.0V	13200	0.057	10559	0.233	0.434	0.40	22.4	0.985

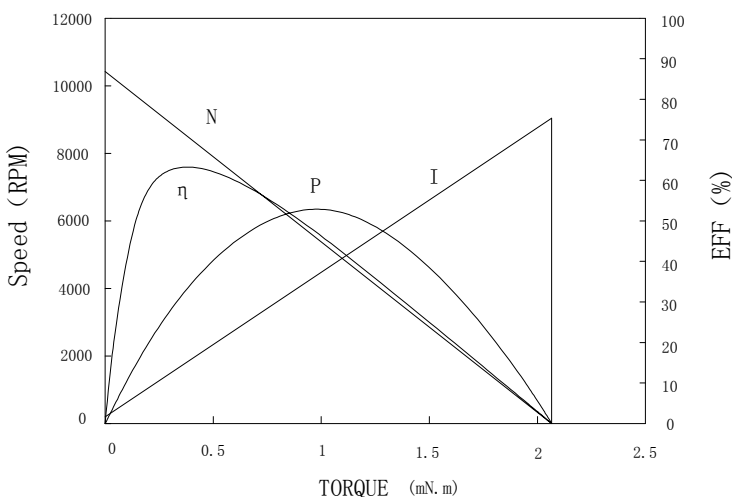
UNIT: MILLIMETERS



WEIGHT: 10g (APPROX)

FF-031PK-13130

3.0V



At No Load

Speed: 10301 RPM
Current: 0.031 AMPS

At stall (Extrapolated)

Torque: 2.06 mN.m
Current: 0.740 AMPS

At maximum efficiency

Efficiency: 63.2 %
Torque: 0.349 mN.m
Speed: 8551 RPM
Current: 0.151 AMPS
Output: 0.29 Watts

At maximum Power output

Output: 0.509 Watts
Torque: 1.028 mN.m
Speed: 5601 RPM
Current: 0.35 AMPS

Characteristics

Torque constant K_t : 2.901 mN.m/APM
E. M. F. constant E_c : 2.901 mV/rad/sec
Dynamic resistance: 4.0551 Ohms
Motor regulation M_r : 5009.03 RPM/mN.m