

型 号 (Model)

130PH-2475/38

1、标准使用条件(Standard Operating Conditions)

NO.	项 目 (Item)	规 格 (Specification)	检验方法 (Test Method)
1-1	额定电压 (Rated Voltage)	6.5V	电压表 (Multimeter)
1-2	马达转向 (Rotation)	CCW	手感 (Handle)
1-3	姿 势 (Motor Position)	全方向, 检查时水平 (All position. When inspecting.horizontal)	手感 (Handle)
1-4	检测时温度范围 (Temperature)	10~30℃	温度计 (Thermometer)
1-5	检测时湿度范围 (Humidity)	30~95%	湿度计 (Hygroscope)

2、性能 (Performance Of Motors)

NO.	项 目 (Item)	规 格 (Specification)	检验方法 (Test Method)
2-1	空载转速 (No-load Speed)	22500±10% RPM	转速表 (Flash Speed Indicator)
2-2	空载电流 (No-load Current)	0.6 max A	电流表 (DC Power Supply)
2-3	堵转电流 (Stall Current)	9.5 max A	电流表 (DC Power Supply)
2-4	堵转力矩 (Stall Torque)	150±20 g. cm	扭力计 (Torque Measure)
2-5	额定力矩 (Rated Torque)	29.0±5 g. cm	扭力计 (Torque Measure)
2-6	额定电流 (Rated Current)	1.9max A	电流表 (DC Power Supply)
2-7	额定转速 (Rated Speed)	18100±10% RPM	转速表 (Flash Speed Indicator)
2-8	电机噪音 (Motor Noise)		分贝仪 (Digital Sound Lev d Meter)
2-9	火花等级 (Scintilla Grade)		目测 (Eyeballing)

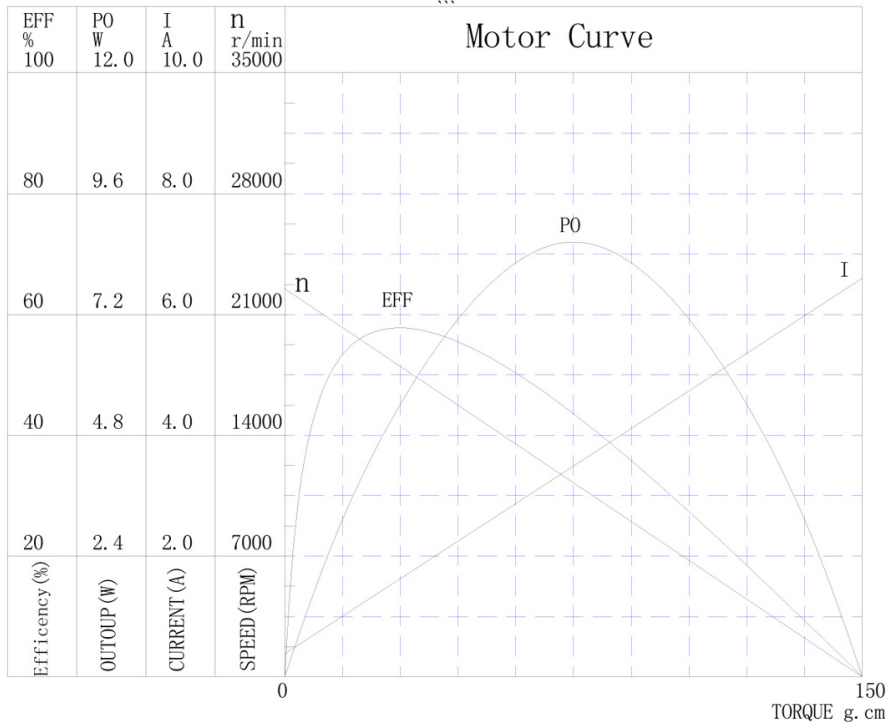
3、基本尺寸 (The Dimension)

NO.	项 目 (Item)	规 格 (Specification)	检验方法 (Test Method)
3-1	轴伸尺寸 (The Dimension)	11.8±0.5 mm	卡尺 (Vernier Calipers)
3-2	轴向间隙 (Shaft End Play)	0.05-0.5 mm	千分尺 (Micrometer)
3-3	螺孔 (Screw Size)	2-M2.0	治具 (Die)
3-4	外形安装尺寸 (Outline Mounting Dimention)	见外形图 (Refert The Outline Drawing)	治具和卡尺 (Micrometer And Vernier Calipers)

电机特性曲线图

电机型号 (Model): 130PH-2475/38

测试电压 (Voltage): 6.5 V



注 (Remark) :

该曲线代表此款电机的性能参数(The Motor curve display the Electromagnetic Parameters of 130PH-2475/38)

性能参数 (Electromagnetic Parameter)

空载 (No load)

转速 (Speed) : 22500 rpm

电流 (Current) : 0.38 Amp

堵转 (Stall)

力矩 (Torque) : 6.6 g.cm

电流 (Current) : 150 Amp

最大效率点 (Maximum efficiency)

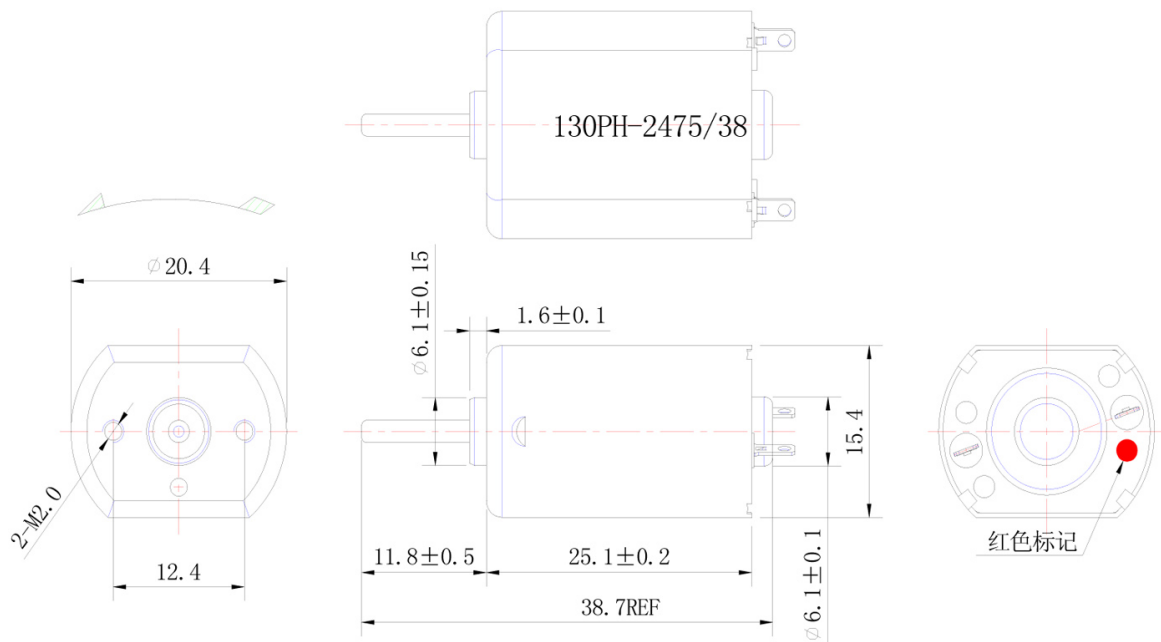
效率 (EFF) : 57.7 %

转速 (Speed) : 18145 rpm

电流 (Current) : 1.58 Amp

力矩 (Torque) : 29.0 g.cm

功率 (Output) : 5.41 W



备注(remark):

1. 电机轴长尺寸 (shaft length): 38.0 mm.
2. 前端轴伸尺寸 (the leng of the front shaft) 11.8 mm
3. 电机轴伸端前伸转向 (Dircetion of Rotation): CCW.

电机型号
MODEL

130PH-2475/38

电机外形图
OUTLINE DRAWING

DECIMAL
 ± 0.1

DECIMAL
 $\pm 0.5^\circ$



VIRSION
A/2

SCALE
2:1