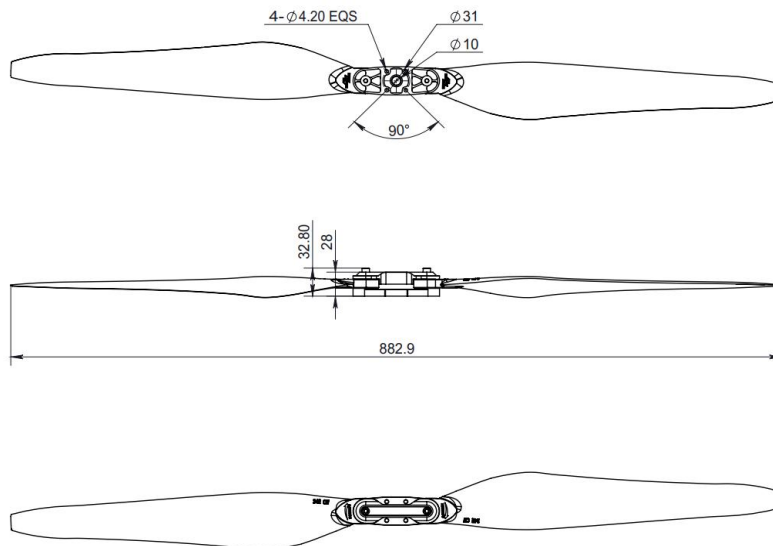


# MFP 34x11

## 技术参数 Specification

|                                       |  |   |             |
|---------------------------------------|--|---|-------------|
| 产品型号<br>Model                         | MFP 34x11                                    | 单支重量<br>Single blade weight                             | 89 g        |
| 主要材质<br>Material of blade             | 碳纤维增强尼龙复合材料<br>Carbon fiber reinforced nylon | 总重量 (含桨夹)<br>Total weight (Including propeller adapter) | 278 g       |
| 桨夹材质<br>Material of propeller adapter | 铝合金<br>Aluminium alloy                       | 使用环境温度<br>Operating temperature                         | -20~50 °C   |
| 存储温度<br>Storage temperature           | -10~40 °C                                    | 存储湿度<br>Storage humidness                               | ≤85 %       |
| 最佳转速范围<br>Recommended RPM range       | 1900~3100 RPM                                | 常用拉力范围<br>Recommended thrust                            | 3.0~14.0 kg |
| 推荐最大转速<br>Max RPM                     | 3700 RPM                                     | 极限拉力<br>Max thrust                                      | 22.0 kg     |
| 直桨/折叠桨<br>Non-folding/Folding         | 折叠桨<br>Folding propeller                     | 推荐搭配动力<br>Recommended motors of HOBBYWING               | X9          |

## 尺寸图 Dimension Figure

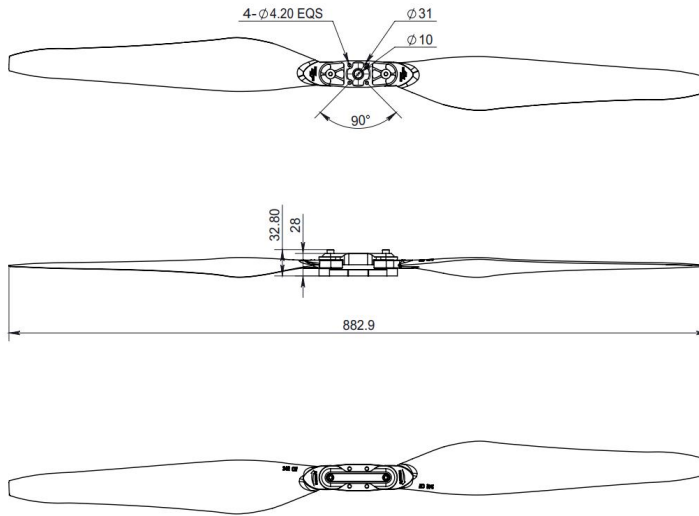




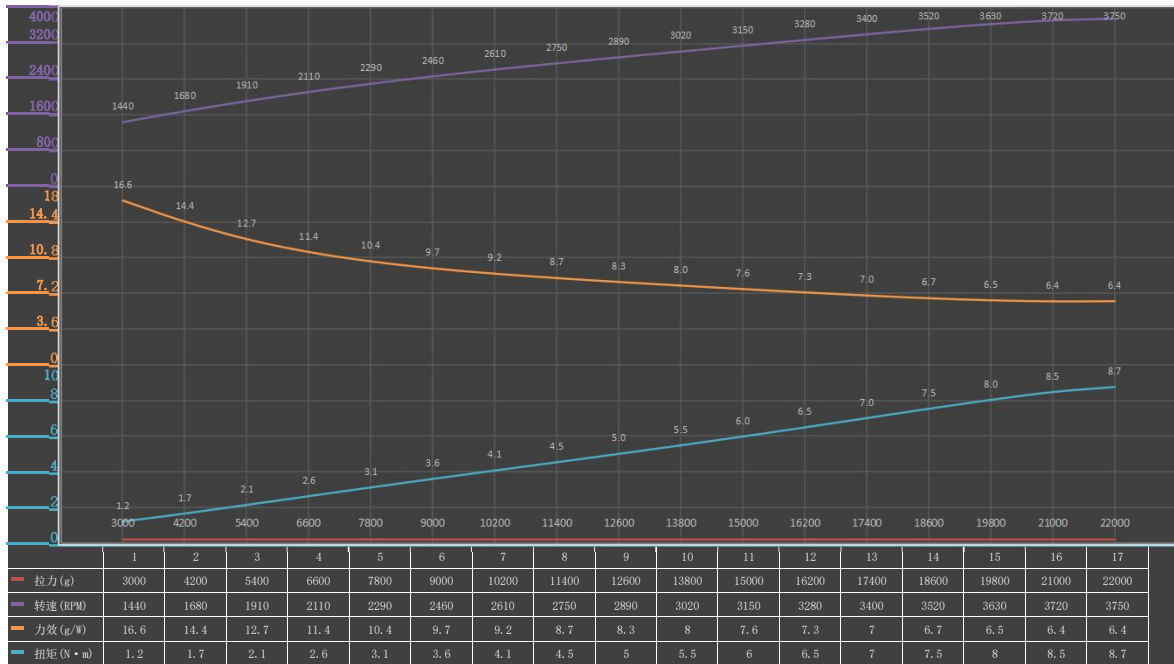
**技术参数**

|           |             |        |               |
|-----------|-------------|--------|---------------|
| 桨叶型号      | HF 30x11S   | 存储温度   | -10~40 °C     |
| 单支重量      | 54.5        | 存储湿度   | ≤85%          |
| 总重量 (含桨夹) | 193         | 最佳转速范围 | 2100~3500 RPM |
| 主要材质      | 碳纤维增强尼龙复合材料 | 常用拉力范围 | 4~ 12 kg      |
| 使用环境温度    | -20°C~50 °C | 极限拉力   | 17 kg         |
| 桨夹材质      | 铝合金         | 推荐最大转速 | 4050 RPM      |
| 直桨/折叠桨    | 折叠桨         | 推荐搭配单机 | 8120-100KV    |

尺寸图 Dimension Figure



### 转速、拉力、扭矩测试数据 (54V) Speed, thrust and torque test data (54V)



| 油门(%) | 电压(V) | 电流(A) | 拉力(g) | 转速(RPM) | 力效(g/W) | 扭矩(Nm) |
|-------|-------|-------|-------|---------|---------|--------|
| 32    | 54.07 | 4.46  | 3048  | 1446    | 12.7    | 1.22   |
| 32.5  | 54.07 | 4.68  | 3181  | 1474    | 12.6    | 1.27   |
| 33    | 54.07 | 4.91  | 3311  | 1501    | 12.5    | 1.32   |
| 33.5  | 54.07 | 5.15  | 3438  | 1527    | 12.4    | 1.36   |
| 34    | 54.07 | 5.39  | 3563  | 1553    | 12.2    | 1.41   |
| 34.5  | 54.07 | 5.63  | 3685  | 1577    | 12.1    | 1.46   |
| 35    | 54.07 | 5.88  | 3805  | 1602    | 12      | 1.5    |
| 35.5  | 54.07 | 6.13  | 3924  | 1626    | 11.9    | 1.55   |
| 36    | 54.07 | 6.38  | 4042  | 1649    | 11.7    | 1.59   |
| 36.5  | 54.07 | 6.63  | 4158  | 1672    | 11.6    | 1.64   |
| 37    | 54.07 | 6.9   | 4274  | 1695    | 11.5    | 1.68   |
| 37.5  | 54.07 | 7.16  | 4389  | 1717    | 11.3    | 1.73   |
| 38    | 54.07 | 7.43  | 4504  | 1739    | 11.2    | 1.78   |
| 38.5  | 54.07 | 7.7   | 4618  | 1761    | 11.1    | 1.82   |
| 39    | 54.07 | 7.98  | 4733  | 1783    | 11      | 1.87   |
| 39.5  | 54.07 | 8.27  | 4848  | 1805    | 10.8    | 1.91   |
| 40    | 54.07 | 8.56  | 4963  | 1826    | 10.7    | 1.96   |
| 40.5  | 54.07 | 8.85  | 5079  | 1848    | 10.6    | 2.01   |
| 41    | 54.07 | 9.15  | 5196  | 1869    | 10.5    | 2.05   |
| 41.5  | 54.06 | 9.46  | 5314  | 1890    | 10.4    | 2.1    |
| 42    | 54.06 | 9.78  | 5433  | 1912    | 10.3    | 2.15   |
| 42.5  | 54.06 | 10.1  | 5554  | 1933    | 10.2    | 2.2    |
| 43    | 54.06 | 10.43 | 5676  | 1955    | 10.1    | 2.25   |
| 43.5  | 54.06 | 10.77 | 5799  | 1976    | 10      | 2.3    |
| 44    | 54.06 | 11.12 | 5924  | 1998    | 9.9     | 2.35   |
| 44.5  | 54.06 | 11.48 | 6051  | 2019    | 9.8     | 2.4    |
| 45    | 54.06 | 11.85 | 6181  | 2041    | 9.7     | 2.46   |
| 45.5  | 54.06 | 12.22 | 6312  | 2063    | 9.6     | 2.51   |
| 46    | 54.06 | 12.61 | 6445  | 2085    | 9.5     | 2.57   |
| 46.5  | 54.06 | 13.01 | 6580  | 2107    | 9.4     | 2.62   |
| 47    | 54.06 | 13.41 | 6718  | 2129    | 9.3     | 2.68   |
| 47.5  | 54.06 | 13.83 | 6858  | 2152    | 9.2     | 2.74   |
| 48    | 54.06 | 14.26 | 7001  | 2174    | 9.1     | 2.79   |
| 48.5  | 54.06 | 14.7  | 7146  | 2197    | 9       | 2.85   |
| 49    | 54.06 | 15.15 | 7293  | 2219    | 8.9     | 2.91   |
| 49.5  | 54.06 | 15.62 | 7444  | 2242    | 8.8     | 2.97   |
| 50    | 54.06 | 16.1  | 7596  | 2265    | 8.7     | 3.03   |
| 50.5  | 54.06 | 16.59 | 7752  | 2288    | 8.6     | 3.1    |
| 51    | 54.06 | 17.09 | 7910  | 2311    | 8.6     | 3.16   |
| 51.5  | 54.06 | 17.6  | 8071  | 2334    | 8.5     | 3.23   |
| 52    | 54.06 | 18.13 | 8234  | 2357    | 8.4     | 3.29   |
| 52.5  | 54.06 | 18.67 | 8401  | 2380    | 8.3     | 3.36   |
| 53    | 54.06 | 19.22 | 8570  | 2403    | 8.2     | 3.42   |
| 53.5  | 54.06 | 19.79 | 8741  | 2426    | 8.2     | 3.49   |
| 54    | 54.06 | 20.37 | 8915  | 2450    | 8.1     | 3.56   |
| 54.5  | 54.06 | 20.97 | 9092  | 2473    | 8       | 3.63   |
| 55    | 54.06 | 21.58 | 9272  | 2496    | 7.9     | 3.7    |
| 55.5  | 54.06 | 22.21 | 9454  | 2520    | 7.9     | 3.77   |
| 56    | 54.06 | 22.84 | 9638  | 2543    | 7.8     | 3.85   |

|      |       |       |       |      |     |      |
|------|-------|-------|-------|------|-----|------|
| 56.5 | 54.06 | 23.5  | 9826  | 2567 | 7.7 | 3.92 |
| 57   | 54.06 | 24.17 | 10015 | 2590 | 7.7 | 3.99 |
| 57.5 | 54.06 | 24.85 | 10207 | 2613 | 7.6 | 4.07 |
| 58   | 54.06 | 25.55 | 10401 | 2637 | 7.5 | 4.14 |
| 58.5 | 54.06 | 26.27 | 10598 | 2660 | 7.5 | 4.22 |
| 59   | 54.06 | 27    | 10796 | 2684 | 7.4 | 4.3  |
| 59.5 | 54.06 | 27.75 | 10997 | 2707 | 7.3 | 4.37 |
| 60   | 54.06 | 28.52 | 11200 | 2731 | 7.3 | 4.45 |
| 60.5 | 54.06 | 29.3  | 11405 | 2754 | 7.2 | 4.53 |
| 61   | 54.06 | 30.1  | 11611 | 2778 | 7.1 | 4.61 |
| 61.5 | 54.06 | 30.92 | 11819 | 2801 | 7.1 | 4.69 |
| 62   | 54.06 | 31.75 | 12029 | 2824 | 7   | 4.77 |
| 62.5 | 54.06 | 32.61 | 12241 | 2848 | 6.9 | 4.86 |
| 63   | 54.06 | 33.48 | 12454 | 2872 | 6.9 | 4.94 |
| 63.5 | 54.06 | 34.37 | 12668 | 2895 | 6.8 | 5.02 |
| 64   | 54.06 | 35.27 | 12884 | 2919 | 6.8 | 5.11 |
| 64.5 | 54.06 | 36.2  | 13100 | 2942 | 6.7 | 5.2  |
| 65   | 54.06 | 37.14 | 13318 | 2966 | 6.6 | 5.28 |
| 65.5 | 54.06 | 38.11 | 13536 | 2990 | 6.6 | 5.37 |
| 66   | 54.06 | 39.09 | 13755 | 3013 | 6.5 | 5.46 |
| 66.5 | 54.06 | 40.08 | 13975 | 3037 | 6.4 | 5.55 |
| 67   | 54.06 | 41.1  | 14195 | 3061 | 6.4 | 5.64 |
| 67.5 | 54.06 | 42.13 | 14415 | 3085 | 6.3 | 5.73 |
| 68   | 54.05 | 43.18 | 14636 | 3109 | 6.3 | 5.82 |
| 68.5 | 54.05 | 44.25 | 14857 | 3132 | 6.2 | 5.91 |
| 69   | 54.05 | 45.33 | 15077 | 3156 | 6.2 | 6    |
| 69.5 | 54.05 | 46.43 | 15298 | 3180 | 6.1 | 6.1  |
| 70   | 54.05 | 47.54 | 15517 | 3203 | 6   | 6.19 |
| 70.5 | 54.05 | 48.67 | 15737 | 3227 | 6   | 6.28 |
| 71   | 54.05 | 49.81 | 15955 | 3251 | 5.9 | 6.38 |
| 71.5 | 54.05 | 50.96 | 16173 | 3274 | 5.9 | 6.47 |
| 72   | 54.05 | 52.12 | 16389 | 3297 | 5.8 | 6.56 |
| 72.5 | 54.05 | 53.29 | 16604 | 3320 | 5.8 | 6.66 |
| 73   | 54.05 | 54.46 | 16818 | 3343 | 5.7 | 6.75 |
| 73.5 | 54.05 | 55.65 | 17031 | 3365 | 5.7 | 6.84 |
| 74   | 54.05 | 56.83 | 17241 | 3387 | 5.6 | 6.93 |
| 74.5 | 54.05 | 58.02 | 17450 | 3409 | 5.6 | 7.02 |
| 75   | 54.05 | 59.21 | 17657 | 3430 | 5.5 | 7.11 |
| 75.5 | 54.05 | 60.4  | 17861 | 3451 | 5.5 | 7.2  |
| 76   | 54.05 | 61.58 | 18063 | 3472 | 5.4 | 7.29 |
| 76.5 | 54.05 | 62.76 | 18263 | 3492 | 5.4 | 7.38 |
| 77   | 54.05 | 63.94 | 18459 | 3511 | 5.3 | 7.46 |
| 77.5 | 54.05 | 65.1  | 18653 | 3530 | 5.3 | 7.55 |
| 78   | 54.05 | 66.25 | 18844 | 3548 | 5.3 | 7.63 |
| 78.5 | 54.05 | 67.39 | 19031 | 3565 | 5.2 | 7.71 |
| 79   | 54.05 | 68.51 | 19215 | 3582 | 5.2 | 7.78 |
| 79.5 | 54.05 | 69.61 | 19395 | 3598 | 5.2 | 7.86 |
| 80   | 54.05 | 70.7  | 19571 | 3613 | 5.1 | 7.93 |
| 80.5 | 54.05 | 71.76 | 19744 | 3628 | 5.1 | 8    |
| 81   | 54.05 | 72.8  | 19912 | 3641 | 5.1 | 8.07 |
| 81.5 | 54.05 | 73.81 | 20075 | 3654 | 5   | 8.13 |





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