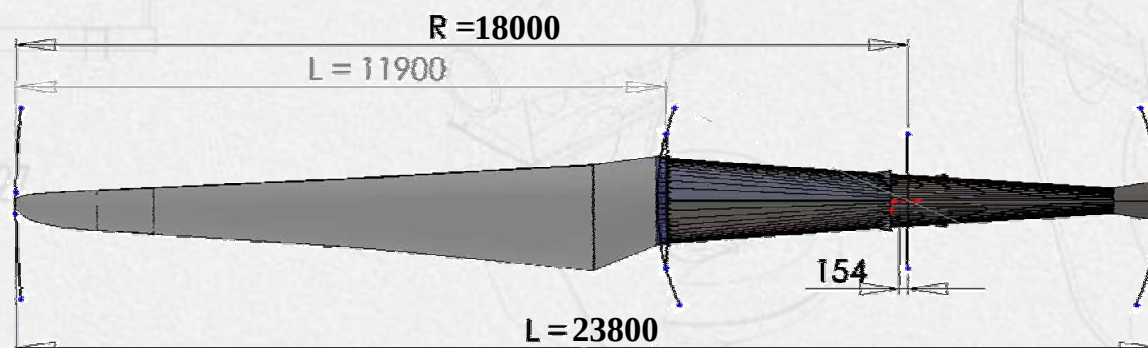
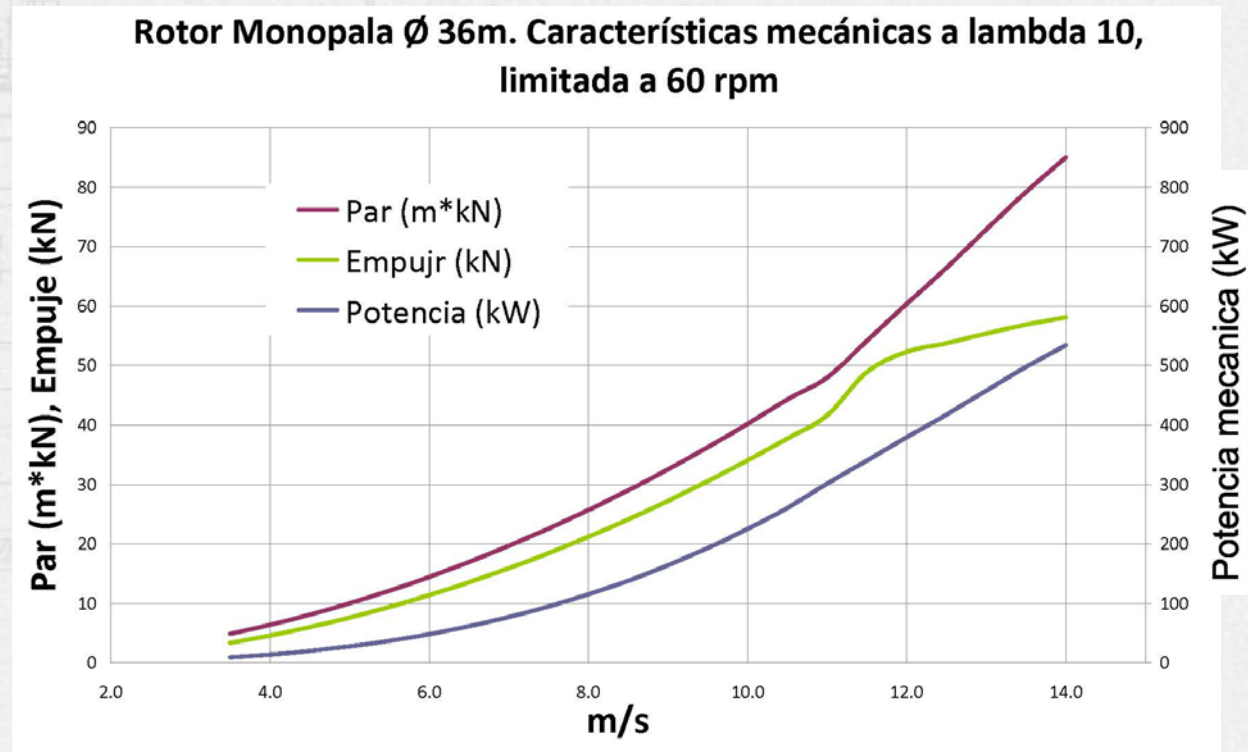


# Rotor Ø 36 m .características mecánicas

Tolerancia de datos +/- 3%

| Omega (rpm) | Vhub (m/s) | Potencia (kW) | Par (m*kN) | Empujr (kN) |
|-------------|------------|---------------|------------|-------------|
| 18.7        | 3.5        | 9.7           | 4.9        | 3.4         |
| 21.4        | 4.0        | 14.4          | 6.4        | 4.6         |
| 24.1        | 4.5        | 20.5          | 8.1        | 6.0         |
| 26.8        | 5.0        | 28.2          | 10.0       | 7.6         |
| 29.4        | 5.5        | 37.5          | 12.2       | 9.4         |
| 32.1        | 6.0        | 48.7          | 14.5       | 11.4        |
| 34.8        | 6.5        | 61.9          | 17.0       | 13.6        |
| 37.5        | 7.0        | 77.3          | 19.7       | 15.9        |
| 40.1        | 7.5        | 95.0          | 22.6       | 18.5        |
| 42.8        | 8.0        | 115.3         | 25.7       | 21.2        |
| 45.5        | 8.5        | 138.3         | 29.0       | 24.2        |
| 48.2        | 9.0        | 164.2         | 32.6       | 27.3        |
| 50.8        | 9.5        | 193.1         | 36.3       | 30.6        |
| 53.5        | 10.0       | 225.2         | 40.2       | 34.1        |
| 56.2        | 10.5       | 260.7         | 44.3       | 37.7        |
| 60.0        | 11.0       | 301.5         | 48.0       | 41.6        |
| 60.0        | 11.5       | 340.2         | 54.1       | 48.9        |
| 60.0        | 12.0       | 379.5         | 60.4       | 52.3        |
| 60.0        | 12.5       | 417.6         | 66.5       | 53.8        |
| 60.0        | 13.0       | 457.9         | 72.9       | 55.4        |
| 60.0        | 13.5       | 497.6         | 79.2       | 56.9        |
| 60.0        | 14.0       | 534.1         | 85.0       | 58.1        |



**Rotor Ø 34 pala 16**  
**Lambda 10**  
**M = 2135 kg**  
**I = 45.750 kg m<sup>2</sup>**  
**Area turbinada = 881 m<sup>2</sup>**