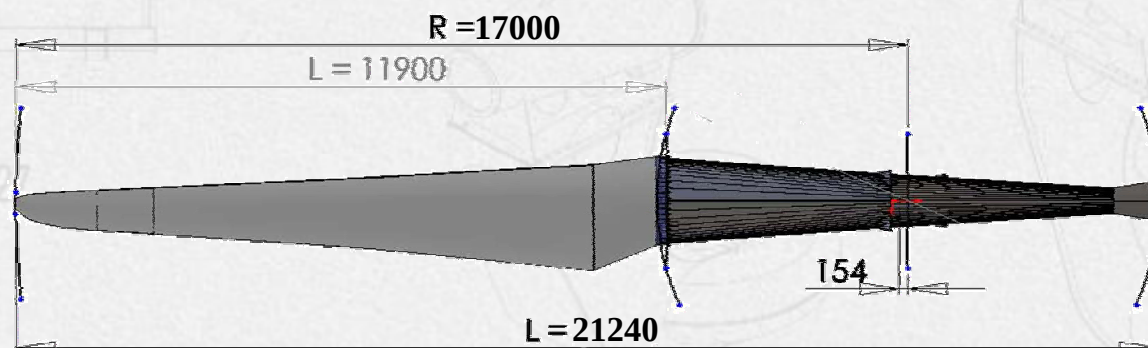
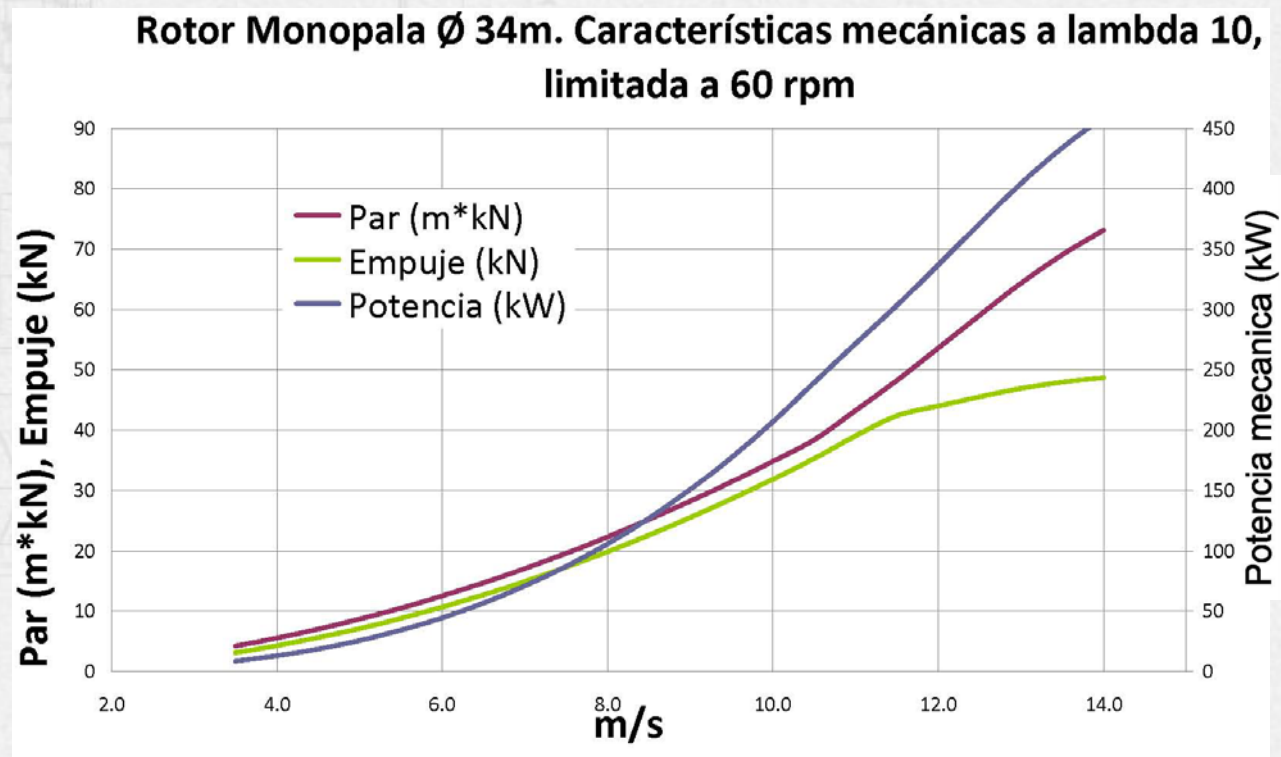


Rotor Ø 34 m .características mecánicas

Tolerancia de datos +/- 3%

Omega (rpm)	Vhub (m/s)	Potencia (kW)	Par (m*kN)	Empuje (kN)
19.8	3.5	8.9	4.3	3.181
22.7	4.0	13.3	5.6	4.331
25.5	4.5	18.9	7.1	5.659
28.3	5.0	25.9	8.7	7.163
31.2	5.5	34.5	10.6	8.845
34.0	6.0	44.8	12.6	10.704
36.9	6.5	56.9	14.8	12.74
39.7	7.0	71.1	17.1	14.954
42.5	7.5	87.5	19.6	17.344
45.4	8.0	106.2	22.3	19.912
48.2	8.5	127.4	25.2	22.657
51.0	9.0	151.2	28.3	25.579
53.9	9.5	177.9	31.5	28.678
56.7	10.0	207.5	34.9	31.954
59.6	10.5	240.2	38.5	35.408
60.0	11.0	271.6	43.2	39.039
60.0	11.5	303.2	48.2	42.4
60.0	12.0	336.9	53.6	44.0
60.0	12.5	371.0	59.1	45.5
60.0	13.0	404.3	64.3	46.9
60.0	13.5	433.9	69.1	48.0
60.0	14.0	459.6	73.1	48.7



Rotor Ø 34 pala 16
Lambda 10
M = 2135 kg
I = 45.750 kg m²
Area turbinada = 808 m²