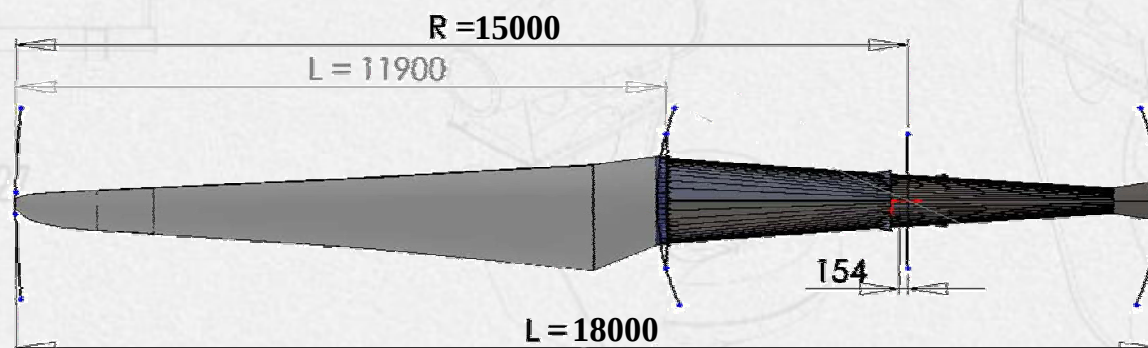
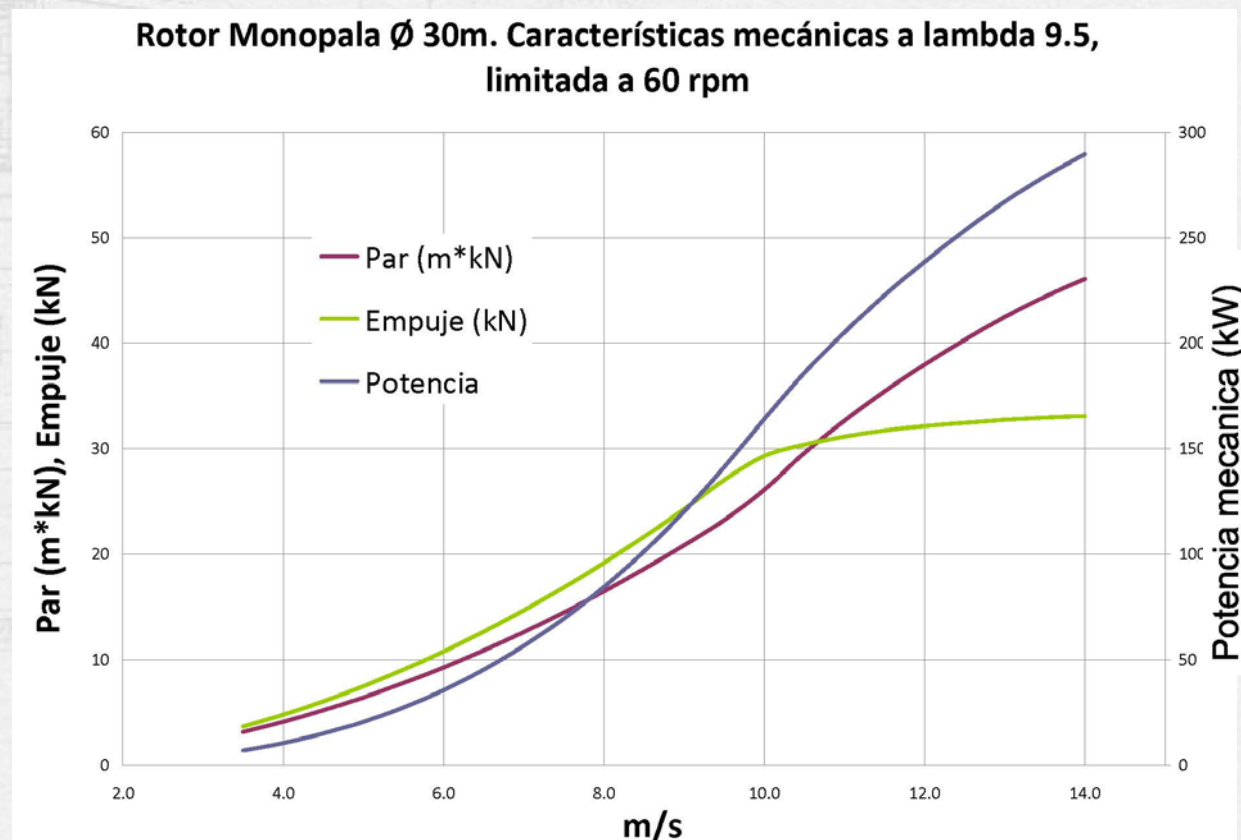


Rotor Ø 30 m .características mecánicas

Tolerancia de datos +/- 3%

Omega (rpm)	Vhub (m/s)	Potencia (kW)	Par (m*kN)	Empuje (kN)
21.4	3.5	7.1	3.2	3.7
24.5	4.0	10.6	4.1	4.8
27.5	4.5	15.1	5.2	6.1
30.6	5.0	20.7	6.5	7.5
33.6	5.5	27.5	7.8	9.1
36.7	6.0	35.8	9.3	10.8
39.8	6.5	45.4	10.9	12.7
42.8	7.0	56.8	12.6	14.7
45.9	7.5	69.7	14.5	16.9
48.9	8.0	84.7	16.5	19.2
52.0	8.5	101.5	18.6	21.7
55.0	9.0	120.6	20.9	24.3
58.1	9.5	141.7	23.3	27.1
60.0	10.0	164.4	26.2	29.3
60.0	10.5	185.9	29.6	30.395
60.0	11.0	205.2	32.7	31.157
60.0	11.5	222.7	35.4	31.7
60.0	12.0	238.6	38.0	32.2
60.0	12.5	253.3	40.3	32.5
60.0	13.0	267.0	42.5	32.7
60.0	13.5	279.1	44.4	32.9
60.0	14.0	289.6	46.1	33.1



Rotor Ø 30 pala 16
Lambda 9.5
M = 2135 kg
I = 45.750 kg m²
Area turbinada = 668 m²