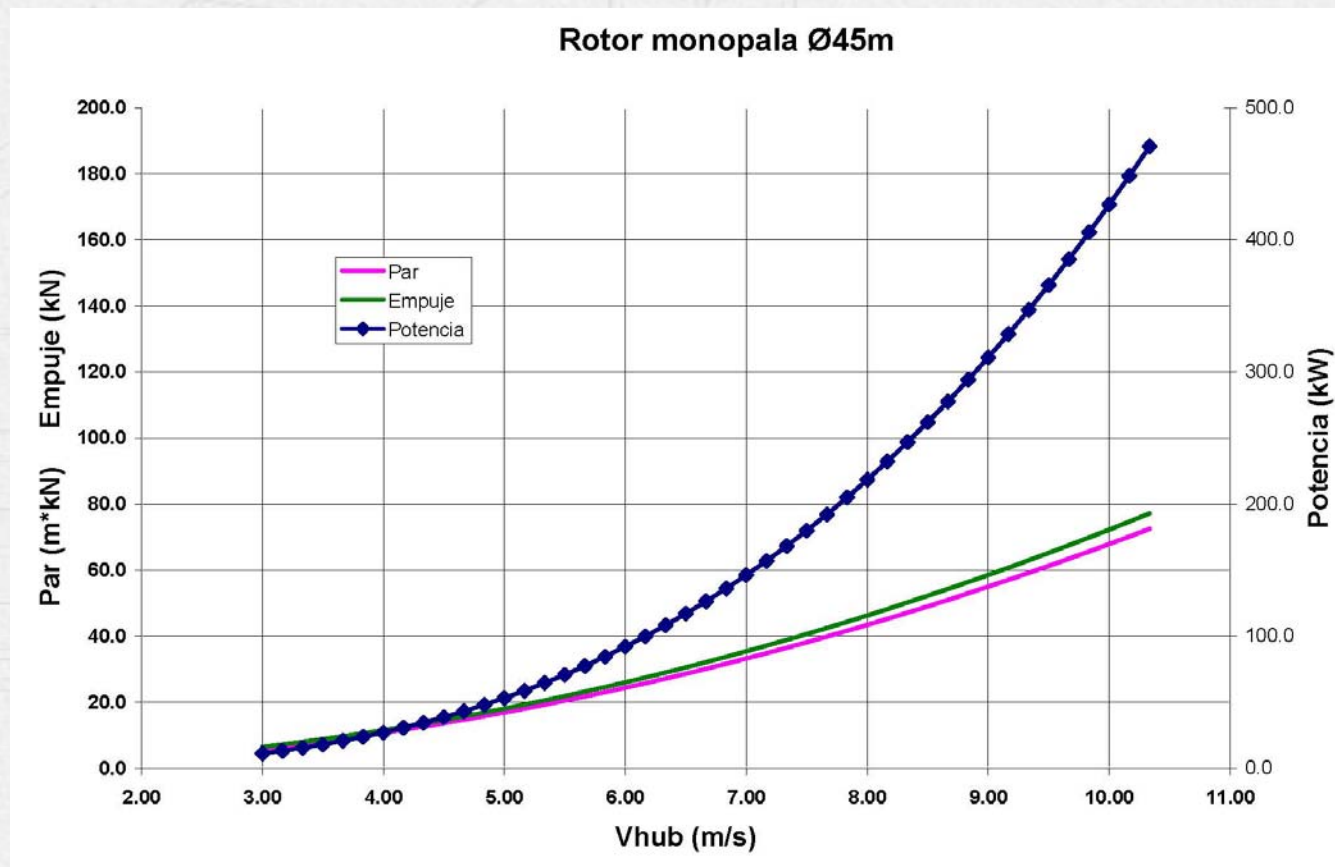


Rotor Ø 45 m .características mecánicas

Tolerancia de datos +/- 3%

Omega (rpm)	Vhub (m/s)	Potencia (kW)	Par (kN*m)	Empuje (kN)
18	3.00	11.3	6.0	6.5
19	3.17	13.3	6.7	7.2
20	3.33	15.6	7.4	8.0
21	3.50	18.1	8.2	8.8
22	3.67	20.8	9.0	9.7
23	3.83	23.8	9.9	10.6
24	4.00	27.1	10.8	11.6
25	4.17	30.7	11.7	12.6
26	4.33	34.6	12.7	13.6
27	4.50	38.7	13.7	14.6
28	4.67	43.2	14.7	15.8
29	4.83	48.0	15.8	16.9
30	5.00	53.2	16.9	18.1
31	5.17	58.7	18.1	19.3
32	5.33	64.6	19.3	20.6
33	5.50	70.9	20.5	21.9
34	5.67	77.5	21.8	23.2
35	5.83	84.6	23.1	24.6
36	6.00	92.1	24.4	26.0
37	6.17	100.0	25.8	27.5
38	6.33	108.3	27.2	29.0
39	6.50	117.1	28.7	30.6
40	6.67	126.4	30.2	32.1
41	6.83	136.1	31.7	33.8
42	7.00	146.3	33.3	35.4
43	7.17	157.0	34.9	37.1
44	7.33	168.2	36.5	38.9
45	7.50	180.0	38.2	40.7
46	7.67	192.2	39.9	42.5
47	7.83	205.1	41.7	44.4
48	8.00	218.4	43.5	46.3
49	8.17	232.4	45.3	48.2
50	8.33	246.9	47.2	50.2
51	8.50	262.0	49.1	52.2
52	8.67	277.8	51.0	54.3
53	8.83	294.1	53.0	56.4
54	9.00	311.1	55.0	58.6
55	9.17	328.7	57.1	60.7
56	9.33	346.9	59.2	63.0
57	9.50	365.8	61.3	65.2
58	9.67	385.4	63.5	67.6
59	9.83	405.7	65.7	69.9
60	10.00	426.7	67.9	72.3
61	10.17	448.4	70.2	74.7
62	10.33	470.8	72.5	77.2



Rotor Ø45 pala 16.5

Lambda 14.1

M = 2135 kg

I = 45.750 kg m²

Area turbinada = 1430 m²

