



## Blade family EU 90 | 100

### BLADE TYPE

Hand lamination	EU 90.2300-2	EU 100.2300-B
Vacuum infusion	EU 90.2300.4-D	EU 100.2300.4-D

### GENERAL

Rotor diameter (approx.) (m)	90	100
Rated power (kW)	3000	3000
Power control	Pitch	Pitch
Nominal wind speed (m/s)	12.6	12.3
Nominal tip speed (m/s)	75	75
Materials	Glass/Epoxy	Glass/Epoxy
Mass (t)	11.2	12.2

### AERODYNAMICS

Airfoils	EUROS, DU, NACA64	EUROS, DU, NACA64
Design tip speed ratio	7.3	8.2
Max. power coefficient	0.51	0.51

### GEOMETRY

Blade length (m)	44.00	48.80
Max. Chord (m)	4.15	4.15
Twist (deg)	16.1	15.8
Blade area (m <sup>2</sup> )	113.8	120.1

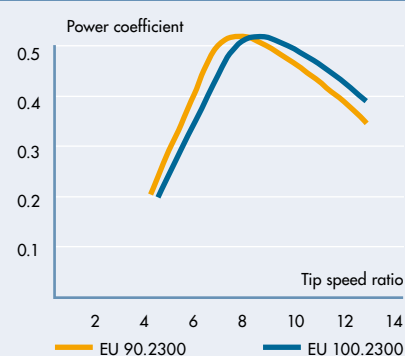
### MOUNTING

Mounting diameter (mm)	2300	2300
No. of bolts	64	64
Bolt size	M36	M36

### MISCELLANEOUS

Lightning protection	Aluminum receptor	Aluminum receptor
Erosion protection	PU-foil	PU-foil

### POWER CURVE



### EUROS DESIGN PHILOSOPHY

Blades are designed in families. Center section is identical within one family. Root and tip segments can be exchanged to meet customer specifications.

### CONTACT

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