



## Blade family EU 70 | 80 | 90

### BLADE TYPE

Hand lamination

Vacuum infusion EU 86.2110.3-A EU 90.2110.3-A

### GENERAL

Rotor diameter (approx.) (m)	86	90
Rated power (kW)	2000	2000
Power control	Pitch	Pitch
Nominal wind speed (m/s)	11.1	10.8
Nominal tip speed (m/s)	75	75
Materials	Glass/Epoxy	Glass/Epoxy
Mass (t)	7.10*	7.65*

### AERODYNAMICS

Airfoils	EUROS, DU, NACA64	EUROS, DU, NACA64
Design tip speed ratio	7.8	8.1
Max. power coefficient	0.49	0.49

### GEOMETRY

Blade length (m)	41.80	43.80
Max. Chord (m)	3.11	3.11
Twist (deg)	12.3	12.3
Blade area (m <sup>2</sup> )	87.1	89.6

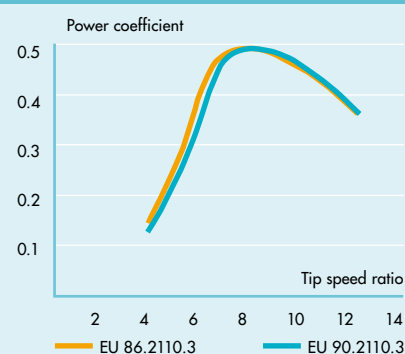
### MOUNTING

Mounting diameter (mm)	2000/2110	2000/2110
No. of bolts	60/64	60/64
Bolt size	M30**	M30**

### 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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**Blades and more ...**

\* Design Value

\*\* to be determined