



Blade family EU 70 | 80 | 90

BLADE TYPE

Hand lamination

Vacuum infusion EU 76.2110.3-A EU 82.2110.3-A

GENERAL

Rotor diameter (approx.) (m)	76	82
Rated power (kW)	2000	2000
Power control	Pitch	Pitch
Nominal wind speed (m/s)	11.9	11.3
Nominal tip speed (m/s)	75	75
Materials	Glass/Epoxy	Glass/Epoxy
Mass (t)	6.40*	6.75*

AERODYNAMICS

Airfoils	EUROS, DU, NACA64	EUROS, DU, NACA64
Design tip speed ratio	6.8	7.3
Max. power coefficient	0.49	0.49

GEOMETRY

Blade length (m)	36.80	39.80
Max. Chord (m)	3.11	3.11
Twist (deg)	11.6	12.0
Blade area (m ²)	81.5	85.1

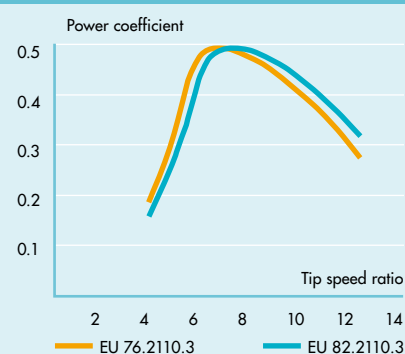
MOUNTING

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