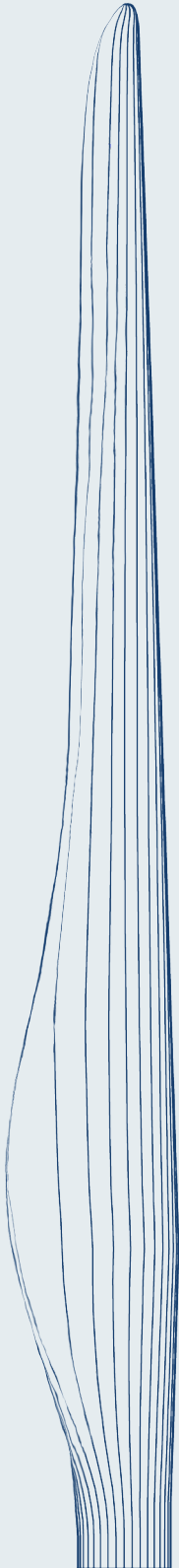


NW-100



NW-100

General

Windclass	[-]	IEC2,3
Wind Speed nominal	[m/s]	12
Rotor diameter (approx.)	[m]	27
Rated power	[kW]	100
Power control	[kW]	--
Materials	[-]	Glass/Vinyl ester
Blade root construction	[-]	Glass/Vinyl ester

Aerodynamics

Airfoils	[-]	--
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Mechanics

Mass without bolts	[kg]	180
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Geometry

Blade length	[m]	10.0
Maxium chord	[m]	.875.0
Thickness	[12-15%]	
Twist	[deg]	11.0
Blade area	[m2]	11.9

Mounting

Mounting diameter	[mm]	350
Number of bolts	[-]	14
Bolt size	[-]	m20x1.5
Type	[-]	Bonded inserts

Miscellaneous

Lightning protection	[-]	yes
Erosion protection	[-]	PU



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