

Blade ATV 28 m 30

Technical information

General Datas

Blade type	Pitch and/or Stall, with tip brakes
Rotation	clockwise
Airfoil	type NACA 63-4xx

Geometrical Datas

Blade area	55 m ²
Blade length	28.30 m
max. chord	2,400 m
Tip chord	725 mm
Blade weight	3993 kg (including tip brake)
Bolt circle diameter	1,585 m

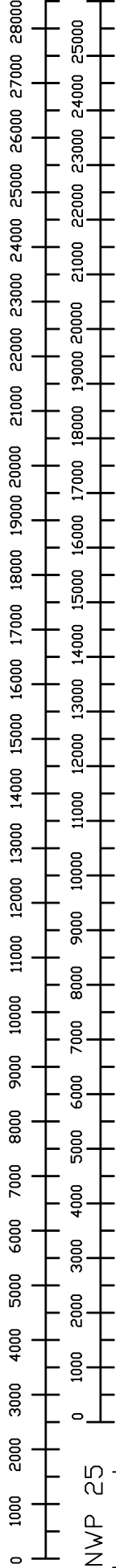
Structural Datas

Material	Carbon/Glass Epoxy
Number of spar webs	2
Lightening protection	yes
Root connection	50 M27
1st flap frequency	1,8 Hz
1st lag frequency	2,5 Hz

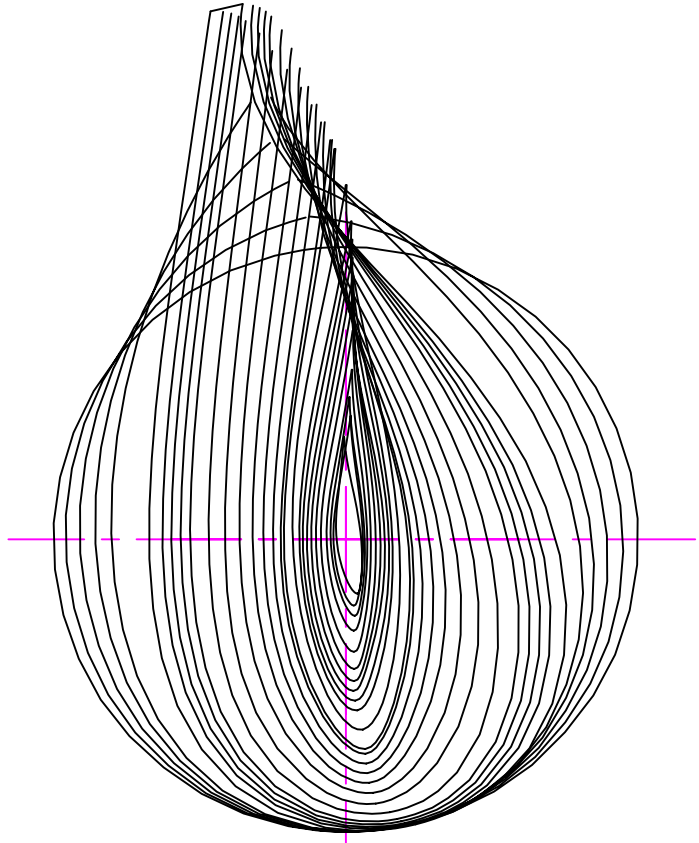
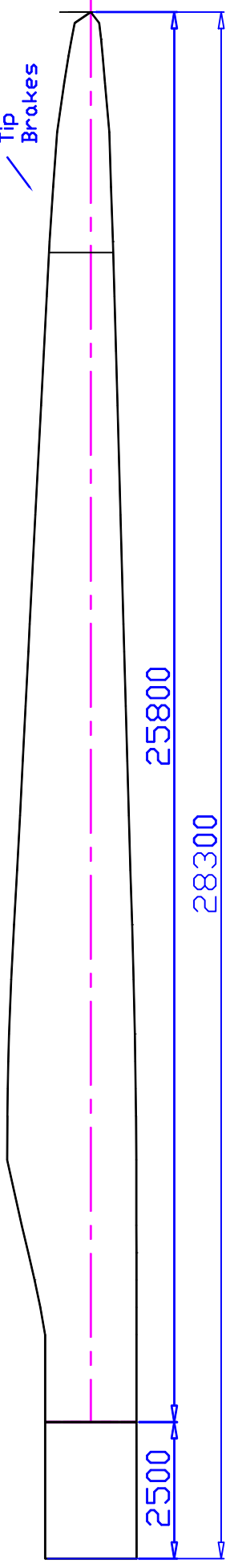
NWP 28
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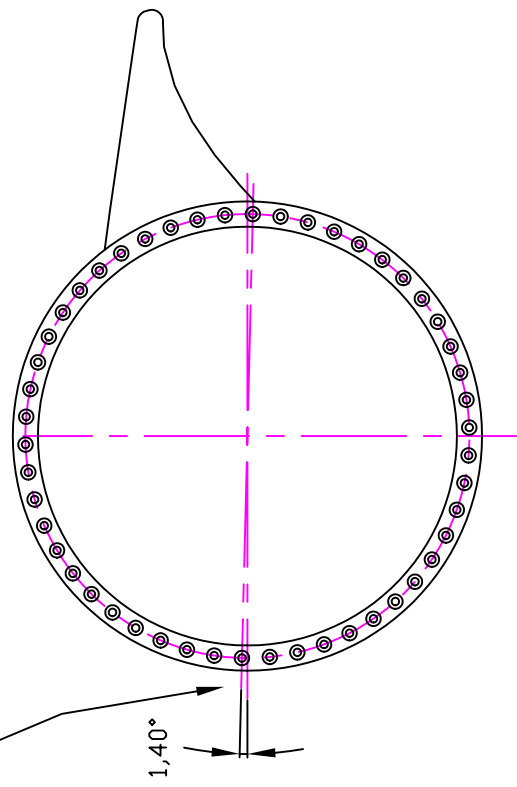
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Tip
Brakes



1,4° between bolt diameter and chord line



ATV S.A.

ATV 28.3 Blade

Itemref	Quantity	Title/Name, designation, material, dimension etc	Article No./Reference
Designed by G. Metillon	Checked by	Approved by - date	Date 26-03-2002
		File name 28.3 planform	Scale x
		Edition 0	
		Sheet 1/1	