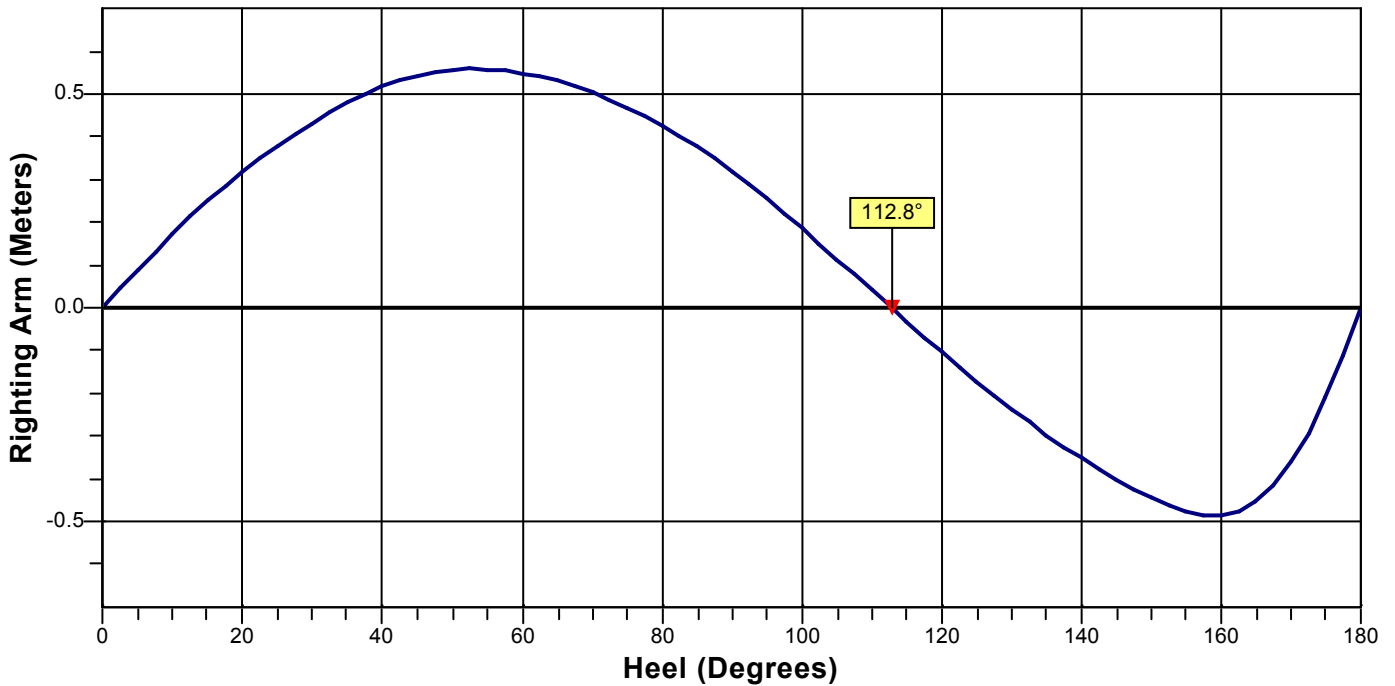




World Leader in Rating Technology

STABILITY AND HYDROSTATICS DATASHEET

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STABILITY CURVE														
Righting Moment at 1°	70.4	Stability Curve Positive Area	18.299	Stability Curve Ratio	1.9800	Stability Index	110.2							
Limit of positive stability	112.8°	Stability Curve Negative Area	9.242	Water Ballast Volume	0 l	BLR Index	0.0000							
Righting Arm (meters)														
	0°	2°	10°	20°	25°	30°	40°	60°	90°	120°	150°	165°	180°	
Default Crew Weight	504 kg	0.000	0.036	0.174	0.319	0.379	0.431	0.517	0.548	0.318	-0.105	-0.444	-0.453	0.000
Declared Crew Weight	504 kg	0.000	0.036	0.173	0.318	0.377	0.429	0.515	0.545	0.315	-0.108	-0.446	-0.454	0.000

BOAT	
Name	42 19
Sail Number	D
Class	ATTALIA "Q"
Designer	JOUBERT & NIVELT
Builder	JEANNEAU SA
Age Date	01/1982
Measured	
Measurer	
Issued On	15/12/2011 - VPP 2011 1.02

HULL CHARACTERISTICS (MEASUREMENT TRIM)	
Length Overall	9.200 m
Max. Beam	3.236 m
Max. Beam Station	5.456 m
Draft	1.764 m
Max. Draft Station	4.952 m
Moment Unit Trim	5.1 kg•m/mm
Displacement Unit Immersion	13.78 kg/m m
Block Coefficient	0.3833
Prismatic Coefficient	0.5682

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FLOTATION (MEASUREMENT TRIM)	
Forward Freeboard at 0.505 m	1.109 m
Freeboard at mast at 3.840 m	1.027 m
Aft Freeboard at 8.512 m	0.991 m
Overhang Forward	0.873 m
Overhang Aft	0.858 m
Length Waterline	7.469 m

HYDROSTATIC DATA		
Trim	Measurement	Sailing
Displacement	3,584 kg	4,245 kg
Wetted Area	19.69 m²	21.11 m²
Water Plane Area	13.15 m²	14.21 m²
Water Plane Beam	2.582 m	2.678 m
Longitud. Centre of Flotation	5.089 m	5.207 m
Longitud. Centre of Buoyancy	4.961 m	5.058 m
Vertical Centre of Gravity	0.098 m	0.197 m
Max. Section Area	0.89 m²	1.02 m²
Max. Section Area Station	5.204 m	5.204 m

Owner
16.5
1.5 3.5
P
4.781 3A
I certify that I understand my responsibilities under ORC Rules and Regulations
Signature

CONFORMITY WITH LIMITS
ORC International Certificate LPS > 103°: Yes
Offshore Special Regulations Category: 2

Sail Area Upwind	41.75 m²
Sail Plan Centre of Effort Height	5.587 m

Disclaimer
Stability information is prone to inaccuracy because it was not derived from a full measurement and inclining test.