



ORC
Offshore Racing Congress
World leader in rating technology

**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number
Issued On **06/06/2019**
ORC Ref **DEN00000581**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default 954kg
Maximum **200kg**
Minimum* **115kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	624.1	0.9615
Double H.OSN	605.7	0.9906
Non Spin GPH	623.8	0.9618
Non Spin OSN	605.4	0.9911

Sails Limitations

Headsails **6** Spinnakers **0**
Dacron Sails

Spinnaker configuration

Symmetric: **No**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

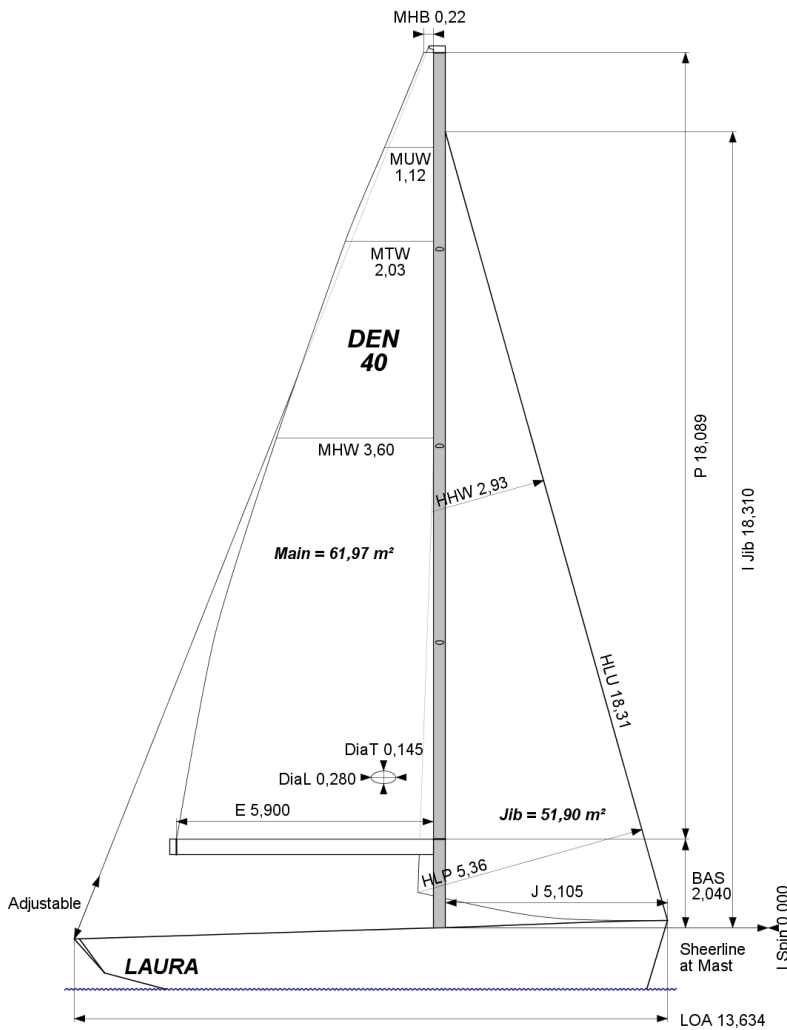
Class Division Length

CDL = 10.804

Stability (Estimated)

Limit Positive Stab.: **119.4°**
Stability Index: **127.7**

Owner



BOAT		GPH		HULL		
Name Laura			623.8	Data File XC 45 - DEN 40	LOA 13.634m	
Sail Nr DEN 40				Offset File XC45-V.OFF	MB 4.310m	
				Displacement 13,681kg	Draft 2.214m	
CLASS		IMS Division Cruiser/Racer				
Class XC-45	Designer JEPPESEN	Dynamic All.	0.382%			
Builder X-YACHTS	Series 01/2010	Fwd Accom.	Yes			
Age Date 01/2010	Age Allowance 0.292%	Fiber Rigging	No			
		Crew Arm Ex	No			
		Light Stanchions	No			
		Carbon Rudder	No			
		IMSL	12.562m	VCGD	0.026m	
		RL	9.044m	VCGM	0.013m	
		WS	42.08m²			
		LSMO	12.569m			
		Displacement/Length ratio	6.8899			
COMMENTS		Water Ballast	0			
		Trim Tab	No			
		BLR Index	0.0000			
PROPELLER		CENTERBOARD				
Installation Strut	PRD 0.510	NA				
Type Folding 2 blades	PBW 0.120					
	PIPA 0.0028					
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	605.4			681.1		
Time on Time	0.9911			0.9911		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	737.1	546.8	477.4	969.8	688.7	576.3
Time on Time	0.9157	1.2345	1.4138	0.6960	0.9801	1.1712