



World Leader in Rating Technology

2017
ORC Club One
Design Certificate

Rating Office

Offshore
Racing
Congress



World Leader in Rating Technology

Certificate

Number **H220D**
Issued On **31/03/2017**
ORC Ref **CLU00021788**
VPP Ver. **2017 1.00**
Valid until **31/12/2017**

Crew Weight

Declared **280kg**
Default* **355kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	889.6	0.8701
Double H.OSN	877.4	0.8857
Non Spin GPH	723.1	0.8298
Non Spin OSN	703.8	0.8528

Sails Limitations

Headsails **1** Spinnakers **3**

Spinnaker configuration

Symmetric: **No**
Asymmetric: **Yes 51.83**
Flying H/S: **No**
Spin. Pole: **No**

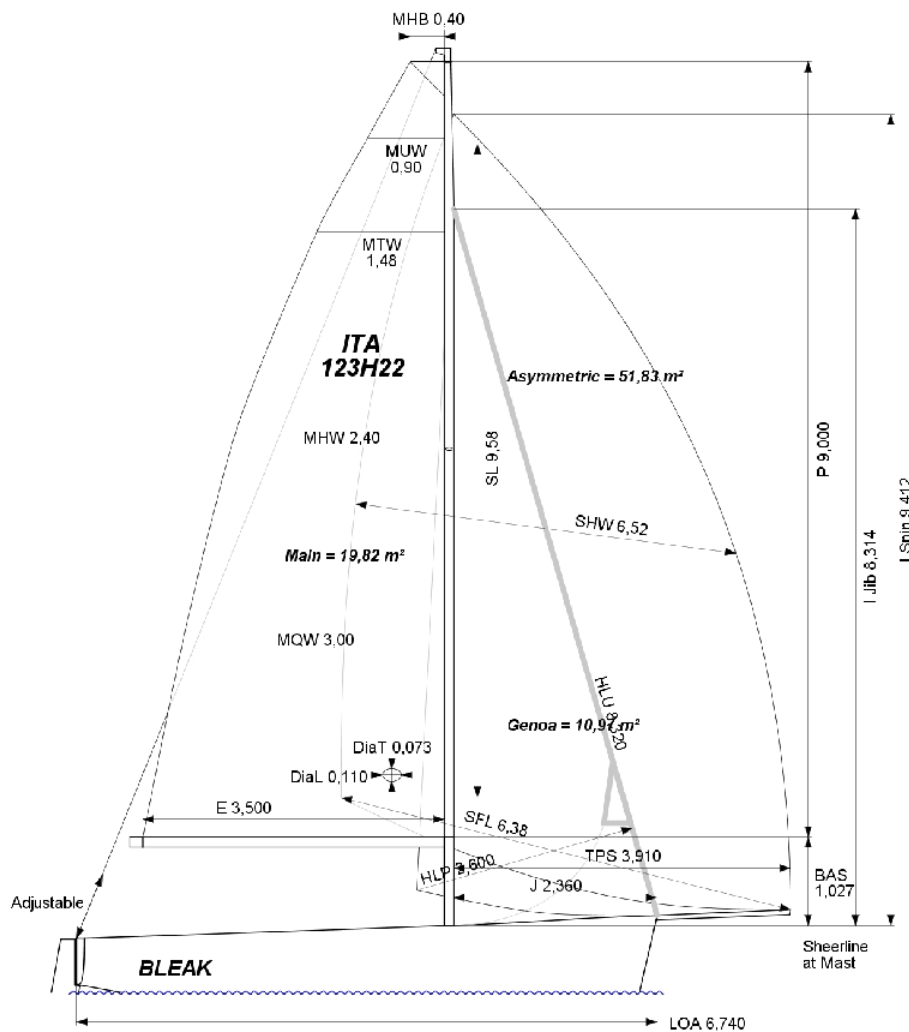
Class Division Length

CDL = **6.367**

Stability (Estimated)

Limit Positive Stab.: **110.2°**
Stability Index: **101.5**

Owner



BOAT		GPH		HULL			
Name BLEAK Sail Nr ITA-123H22		678.7		Data File M23H22	LOA 6.740m		
				Offset File h22.od	MB 2.494m		
				Displacement 789kg	Draft 1.516m		
				IMS Division Sportboat	Dynamic All. 0.000%		
				Fwd Accom. Yes	Construction Cored		
				Fiber Rigging No	Aramid Core No		
				Crew Arm Ex	Carbon Rudder Yes		
					Light Stanchions No		
				IMSL 6.490m	VCGD -0.100m		
				RL 6.243m	VCGM -0.089m		
				WS 9.26m²			
				LSMD 6.287m	Displacement/Length ratio 3.1750		
				Water Ballast 0	Trim Tab No		
CLASS		CENTERBOARD					
Class H22 ONE DESIGN		N/A					
Designer HUMPHREYS							
Builder LION YACHTS SIA							
Series 01/2002							
Age Date							
Age Allowance 0.487%		COMMENTS					
PROPELLER		SCORING OPTIONS					
Type No Propeller		COASTAL / LONG DISTANCE		WINDWARD / LEEWARD			
		Time On Distance 664.2		Time On Distance 758.2			
		Time On Time 0.9034		Time On Time 0.8902			
		Low	Medium	High	Low	Medium	High
		Time on Distance 758.3	610.2	533.0	974.4	763.9	664.9
		Time on Time 0.8902	1.1062	1.2664	0.6927	0.8836	1.0152