



ORC

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2020
ORC Club One
Design Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **US6098**
Issued On **26/02/2020**
ORC Ref **03410000DTT**
VPP Ver. **2020 1.00**
Valid until **31/12/2020**

Crew Weight

Default 553kg
Maximum **629kg**
Minimum* **472kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **580.6 1.0334**
Non Spin OSN **569.4 1.0537**

Sails Limitations

Headsails **5** Spinnakers **4**
Asymmetric on centerline
Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 125.49**
Flying H/S: **No**
Spin. Pole: **No**

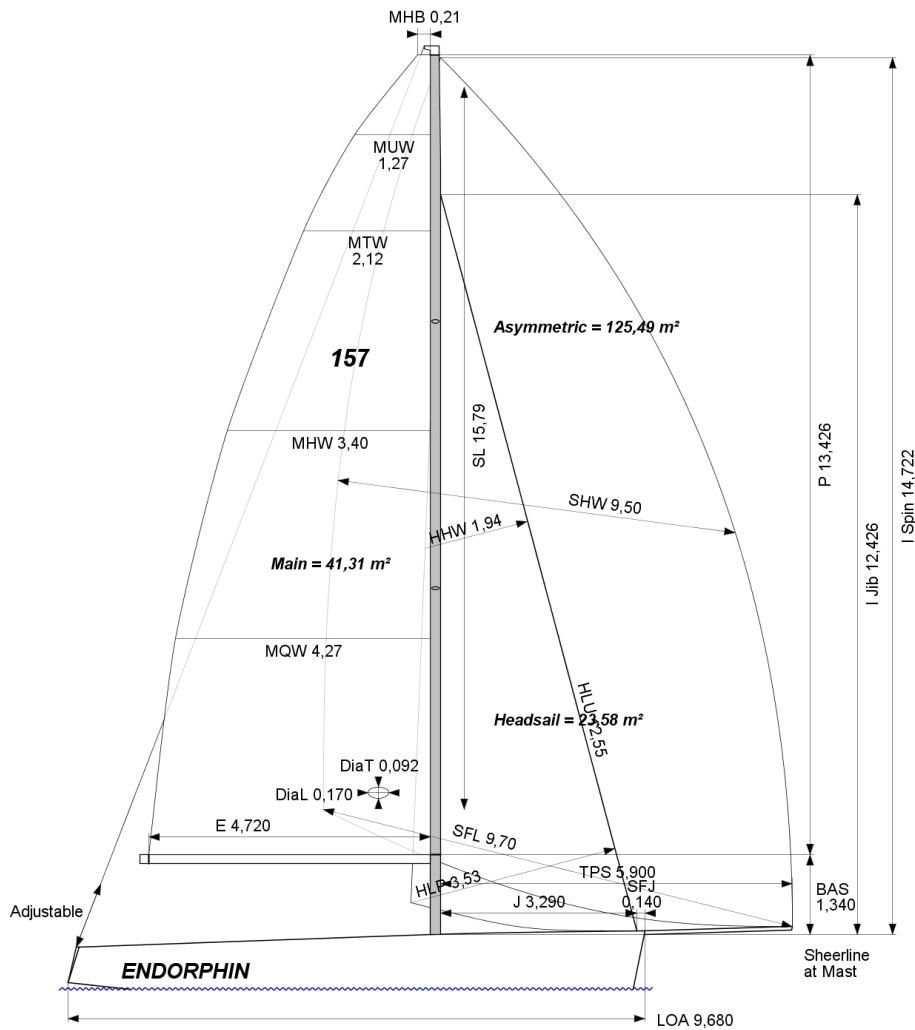
Class Division Length

CDL = 9.354

Stability (Estimated)

Limit Positive Stab.: **127.2°**
Stability Index: **120.5**

Owner



BOAT Name ENDORPHIN Sail Nr 157		GPH 534.5	HULL Data File US6098 LOA 9.680m Offset File melg32.OD MB 2.944m Displacement 1,712kg Draft 2.163m			
CLASS Class MELGES 32 OD Designer REICHEL/PUGH Builder MELGES PERFORMANCE Series 03/2005 Age Date 03/2005 Age Allowance 0.487%		IMS Division Performance Dynamic All. 0.000% Plan Review Construction Cored Fiber Rigging Yes Aramid Core No Crew Arm Ex Carbon Rudder Yes Light Stanchions No		IMSL 9.030m VCGD -0.402m Sink 12.22kg/mm RL 9.686m VCGM -0.408m WS 15.83m² LSM0 8.582m Displacement/Length ratio 2.7086		
COMMENTS		Water Ballast 0 Trim Tab No BLR Index 0.0000				
PROPELLER Type No Propeller		CENTERBOARD NA				
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	523.6			588.7		
Time on Time	1.1458			1.1466		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	593.0	483.8	418.3	755.1	601.8	510.0
Time on Time	1.1383	1.3951	1.6138	0.8939	1.1216	1.3234