



World Leader in Rating Technology

2016 ORC Club Certificate

Rating Office

Hungarian Yachting
Association
Istvanmezei ut 1-3
H-1146 Budapest
HUNGARY



Certificate

Number **010/16**
Issued On **20.4.2016.**
ORC Ref **HUN00062631**
VPP Ver. **2016 1.01**
Valid until **31.12.2016.**

Crew Weight

Declared **544kg**
Default* **544kg**
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **669.5 0.8962**
Non Spin OSN **650.3 0.9226**
N/S Perf. Line **-21.2 0.541**

Sails Limitations

Headsails **6** Spinnakers **3**

Spinnaker configuration

Symmetric: **Yes 59.72**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = **8.574**

Stability

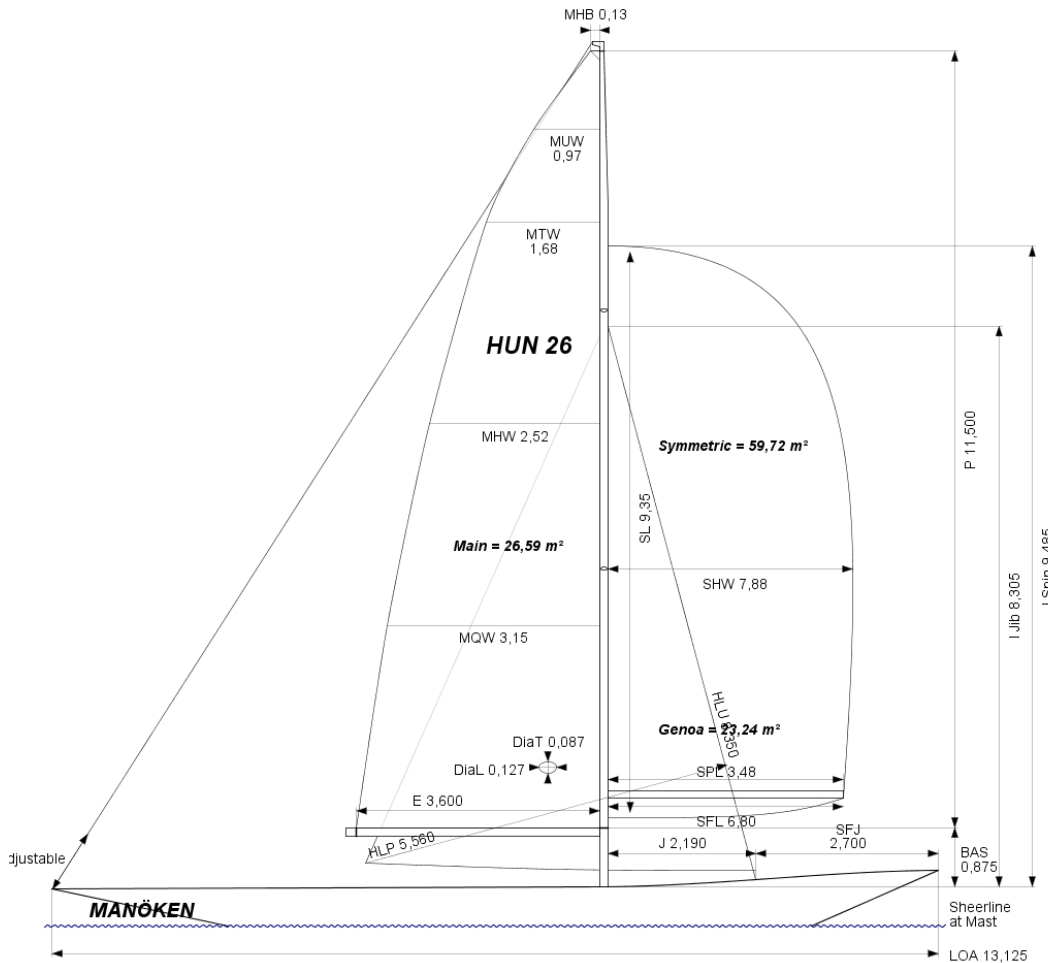
LPS (Estimated): **125.6°**
Stability Index: **130.0**
OSR Category: **N/A**

Owner

Tracon Budapest Kft
Pallag utca 23
2120 Dunakeszi
HUNGARY

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature



BOAT		GPH		HULL			
Name Manöken Sail Nr HUN 26		639.6		Data File HUN26.dxt	LOA 13.125m		
				Offset File skerry.off	MB 2.138m		
				Displacement 3,042kg	Draft 1.535m		
CLASS				IMS Division Performance	Dynamic All. 0.344%		
Class 30 Skerry Cruiser				Fwd Accom. No	Construction Cored		
Designer Jenő Benacsek				Fiber Rigging No	Aramid Core No		
Builder Style Yacht				Crew Arm Ex	Carbon Rudder No		
Series 01.1938					Light Stanchions No		
Age Date 01.2006				IMSL 9.345m	VCGD -0.283m	Sink 11.82kg/mm	
Age Allowance 0.487%				RL 7.802m	VCGM -0.257m	WS 18.55m2	
COMMENTS				LSM0 8.480m	Displacement/Length ratio 4.9885		
				Water Ballast 0	Trim Tab No		
PROPELLER				CENTERBOARD			
Type No Propeller				N/A			
SCORING OPTIONS							
	OFFSHORE			INSHORE			
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD			
Time On Distance	620.8			703.3			
Time On Time	0.9665			0.9598			
Performance Line	PLT	PLD		PLT	PLD		
	0.592	-4.7		0.721	139.6		
Triple Number	Low	Medium	High	Low	Medium	High	
	0.8887	1.2059	1.3904	0.6720	0.9534	1.1270	



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ORC Club Certificate Appendix

BOAT	
Name	Manöken
Sail Nr	HUN 26
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1147.9	931.2	810.4	756.0	727.1	708.7	704.1
52°	733.7	597.8	527.6	502.5	490.7	483.7	478.2
60°	679.4	556.1	503.2	480.2	469.8	463.2	456.2
75°	633.1	525.9	486.5	458.8	440.8	431.8	422.7
90°	635.8	526.6	487.0	461.1	435.1	412.8	395.6
110°	660.5	530.3	480.7	446.1	427.7	411.3	385.9
120°	692.2	546.0	489.2	455.3	422.6	397.1	366.4
135°	795.5	619.3	518.2	479.4	448.4	418.4	352.5
150°	945.6	733.4	600.5	518.7	481.8	453.0	397.2
Run VMG	1091.9	846.8	693.4	594.6	538.7	496.5	441.1

Selected Courses							
Windward / Leeward	1119.9	889.0	751.9	675.3	632.9	602.6	572.6
Circular Random	905.7	720.2	618.9	559.0	521.5	496.6	465.9
Ocean for PCS	1125.2	854.0	699.7	604.6	542.5	499.1	440.2
Non Spinnaker	956.7	757.4	647.5	581.7	540.0	512.2	477.5

Velocity Prediction in Knots for True Wind Speeds							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	44.9°	44.2°	44.3°	42.7°	41.6°	40.8°	41.2°
Beat VMG	3.14	3.87	4.44	4.76	4.95	5.08	5.11
52°	4.91	6.02	6.82	7.16	7.34	7.44	7.53
60°	5.30	6.47	7.15	7.50	7.66	7.77	7.89
75°	5.69	6.84	7.40	7.85	8.17	8.34	8.52
90°	5.66	6.84	7.39	7.81	8.27	8.72	9.10
110°	5.45	6.79	7.49	8.07	8.42	8.75	9.33
120°	5.20	6.59	7.36	7.91	8.52	9.07	9.83
135°	4.53	5.81	6.95	7.51	8.03	8.60	10.21
150°	3.81	4.91	6.00	6.94	7.47	7.95	9.06
Run VMG	3.30	4.25	5.19	6.05	6.68	7.25	8.16
Gybe Angles	144.7°	148.0°	145.3°	154.0°	166.1°	180.0°	180.0°