



World Leader in Rating Technology

2016 ORC Club Certificate

Rating Office

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



Certificate

Number **040/16**
Issued On **15.9.2016.**
ORC Ref **HUN00071090**
VPP Ver. **2016 1.01**
Valid until **31.12.2016.**

Crew Weight

Declared **450kg**
Default* **513kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin	GPH 726.2	0.8262
Non Spin	OSN 703.3	0.8531
N/S Perf. Line	19.4	0.551

Sails Limitations

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

Spinnaker configuration
Symmetric: **Yes** **61.60**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = **7.413**

Stability

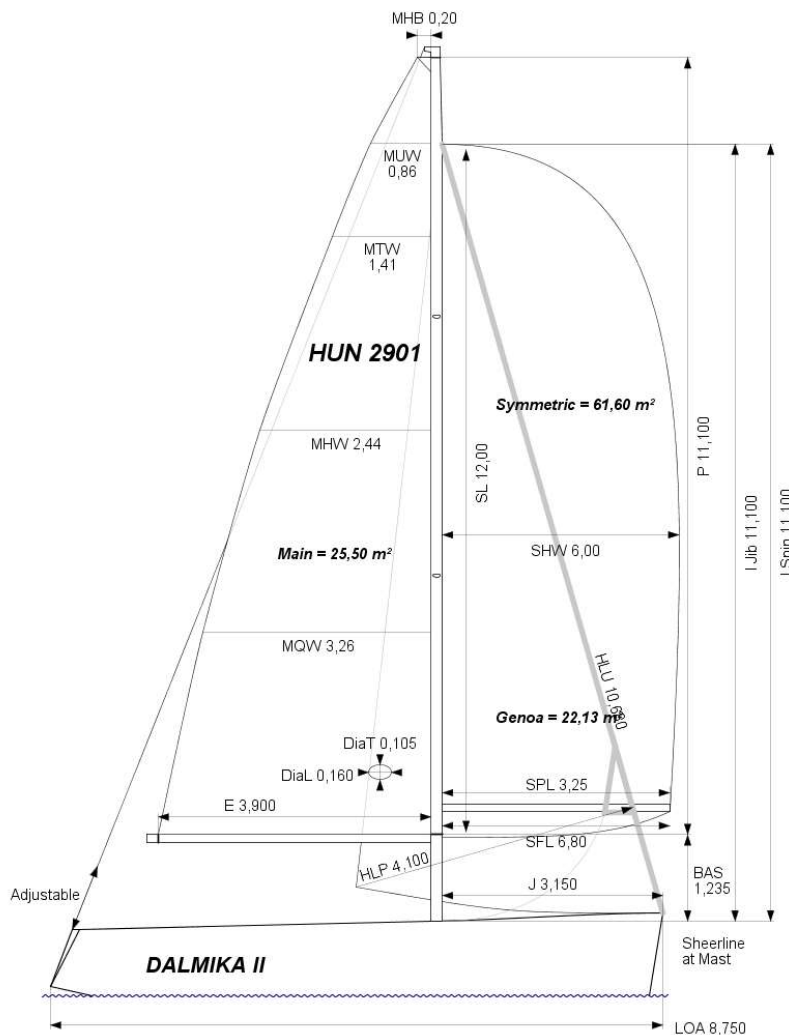
LPS (Estimated): **103.9°**
Stability Index: **102.5**
OSR Category: **N/A**

Owner

Vízi Attila
Fő út 8.
8800 Nagykanizsa
HUNGARY

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

Signature



BOAT	GPH	HULL
Name Dalmika II Sail Nr HUN 2901	695.2	Data File HUN2901..dxt LOA 8.750m Offset File DEH29C.OFF MB 3.024m Displacement 3,281kg Draft 1.591m
CLASS Class Dehler 29 SK Designer Judel Friedrich Builder Dehler Series 01.1997 Age Date 03.2008 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.246% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS		IMSL 8.174m VCGD 0.081m Sink 13.41kg/mm RL 6.650m VCGM 0.268m WS 17.76m2 LSM0 8.142m Displacement/Length ratio 6.0787 Water Ballast 0 Trim Tab No
PROPELLER Installation Strut PRD 0.385 Type Feathering 2 blades PIPA 0.0033		CENTERBOARD N/A

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	PLT	PLD		PLT	PLD	
Time On Distance	675.5			754.9		
Time On Time	0.8882			0.8941		
Performance Line	0.604	39.5		0.748	199.4	
Triple Number	Low 0.8417	Medium 1.0994	High 1.2336	Low 0.6466	Medium 0.8888	High 1.0287



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ORC Club Certificate Appendix

BOAT	
Name Dalmika II	Certificate Number 040/16
Sail Nr HUN 2901	Issued On 15.9.2016.

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1217.4	1007.9	890.0	818.9	792.8	782.1	778.8
52°	784.8	657.7	587.2	557.2	547.6	543.4	540.5
60°	733.9	617.8	563.9	540.6	530.8	526.4	524.1
75°	691.9	588.7	547.8	526.2	510.2	500.3	494.4
90°	694.7	584.7	539.9	525.7	508.0	490.0	466.8
110°	694.8	578.3	535.2	507.5	484.6	472.3	452.2
120°	716.4	591.5	541.6	513.6	485.8	459.2	432.7
135°	792.2	649.4	564.8	531.2	505.3	478.7	428.2
150°	943.1	746.2	628.4	560.5	530.3	506.1	457.3
Run VMG	1089.0	861.6	724.6	632.1	571.9	538.2	490.8
Selected Courses							
Windward / Leeward	1153.2	934.8	807.3	725.5	682.4	660.1	634.8
Circular Random	961.4	774.6	674.1	615.8	580.4	557.9	530.6
Ocean for PCS	1181.3	910.5	757.6	664.3	604.1	562.6	506.1
Non Spinnaker	1016.5	813.7	703.4	638.8	599.2	573.9	543.2

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	44.3°	42.9°	43.0°	41.6°	40.5°	40.0°	40.2°
Beat VMG	2.96	3.57	4.04	4.40	4.54	4.60	4.62
52°	4.59	5.47	6.13	6.46	6.57	6.63	6.66
60°	4.91	5.83	6.38	6.66	6.78	6.84	6.87
75°	5.20	6.12	6.57	6.84	7.06	7.20	7.28
90°	5.18	6.16	6.67	6.85	7.09	7.35	7.71
110°	5.18	6.23	6.73	7.09	7.43	7.62	7.96
120°	5.03	6.09	6.65	7.01	7.41	7.84	8.32
135°	4.54	5.54	6.37	6.78	7.12	7.52	8.41
150°	3.82	4.82	5.73	6.42	6.79	7.11	7.87
Run VMG	3.31	4.18	4.97	5.70	6.29	6.69	7.34
Gybe Angles	147.1°	151.5°	151.1°	160.8°	180.0°	180.0°	180.0°