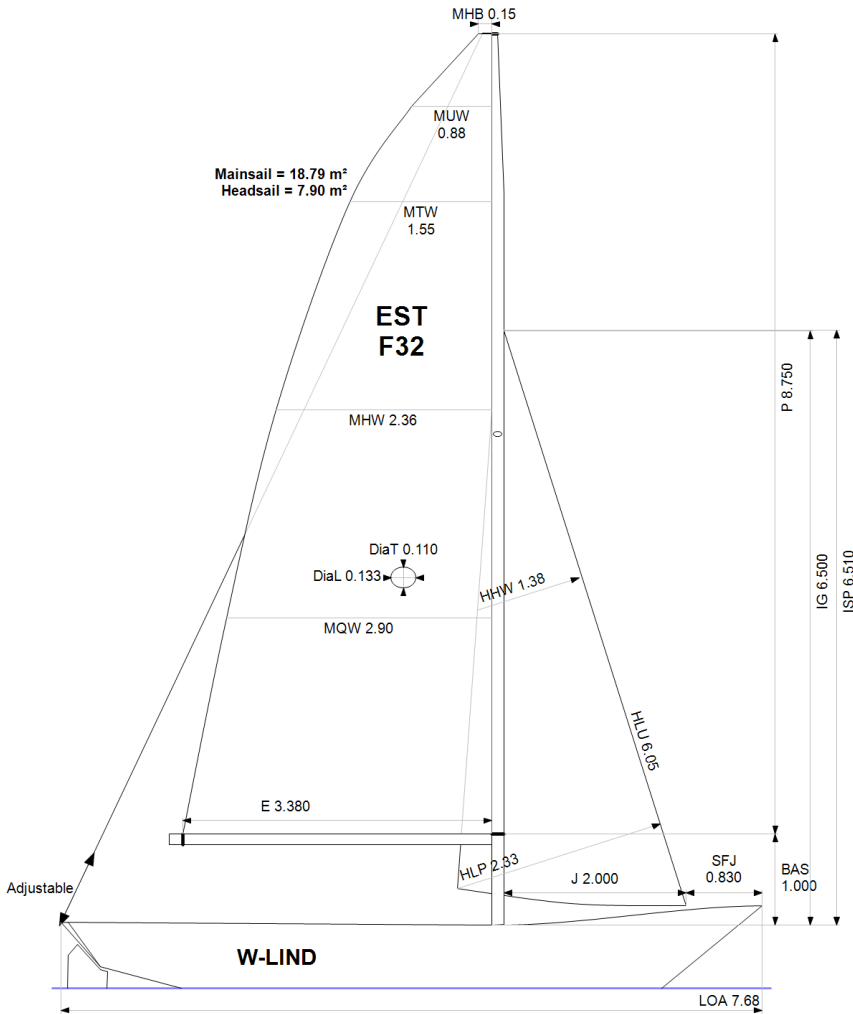


**GPH = 874.4** **CDL = 4.898**



**BOAT**

Class **FOLKBOAT**  
Designer  
Builder **SET**  
Age Date **01/1972**  
Series Date **01/1941**  
Offset File **G1746.OFF**

**HULL**

Length Overall **7.680 m**  
Maximum Beam **2.210 m**  
Draft **1.153 m**  
Displacement **1,939 kg**  
DLR **9.5380**  
IMS Division **Cruiser/Racer**  
Dynamic Allowance **0.533%**  
Age Allowance **0.487%**

**PROPELLER**

Installation **No Propeller**  
Type **N/A**  
Diameter **N/A**

**CREW**

Maximum weight **120 kg**  
Minimum weight **120 kg \* when applied**  
Non Manual Power **No**  
Crew Arm Extension

**SAIL AREAS (m²)**

	Measured	Rated
Mainsail	<b>18.79</b>	<b>19.60</b>
Headsail Luffed	<b>7.90</b>	<b>7.90</b>
Headsail Flying		
Symmetric		
Asymmetric		

**SAIL LIMITATIONS**

Headsails **5** \* Woven polyester sails  
Spinnakers **0** \* Spinnaker pole aboard

**STABILITY**

Righting Moment **20.1 kg·m**  
Stability Index **N/A**

**COMMENTS**

DH without spinnaker

**OWNER**

Rated boat velocities in knots							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	43.5°	42.0°	42.4°	44.3°	45.4°	46.1°	47.6°
Beat VMG	2.45	2.94	3.23	3.36	3.39	3.38	3.32
52°	3.75	4.43	4.94	5.19	5.27	5.29	5.26
60°	3.97	4.68	5.21	5.46	5.56	5.59	5.58
75°	4.16	4.92	5.42	5.67	5.81	5.91	5.95
90°	4.17	4.99	5.53	5.81	6.02	6.13	6.33
110°	3.98	4.79	5.41	5.72	5.96	6.19	6.65
120°	3.74	4.54	5.23	5.62	5.87	6.10	6.59
135°	3.30	4.12	4.82	5.39	5.71	5.94	6.43
150°	2.92	3.75	4.43	5.07	5.52	5.79	6.26
Run VMG	2.60	3.39	4.08	4.70	5.26	5.62	6.09
Gybe Angles	173.0°	174.0°	176.0°	176.0°	177.5°	179.0°	178.5°

The owner certifies that he/she understands his/her responsibilities under ORC Rule and Regulations.

Time Allowances in secs/NM								Single Number Scoring Options		
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	Course	Time On Distance	Time On Time
Beat VMG	1472.4	1225.7	1114.6	1071.0	1060.8	1064.7	1083.8	Windward / Leeward	962.5	0.6234
52°	959.9	813.2	729.1	693.5	682.9	681.1	684.8			
60°	906.2	769.3	690.4	659.9	647.5	643.8	645.0	All purpose	777.6	0.7716
75°	865.9	732.3	663.8	635.4	619.6	609.5	605.5			
90°	863.9	721.9	651.6	620.1	598.5	587.0	568.6			
110°	904.0	750.9	665.9	629.1	604.4	581.6	541.6			
120°	963.1	792.9	688.6	640.6	613.6	590.5	546.2			
135°	1090.0	873.8	746.9	668.3	630.9	606.1	560.2			
150°	1233.2	960.9	812.0	709.8	652.4	621.9	575.5			
Run VMG	1385.9	1060.7	881.7	765.3	684.4	640.9	590.8			
Selected Courses										
Windward / Leeward	1429.2	1143.2	998.1	918.2	872.6	852.8	837.3			
All purpose	1110.4	907.2	800.5	745.4	716.8	700.6	684.6			

### Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	845.3	0.7098
Triple Number Coastal/Long Distance Low	1008.7	0.5948
Triple Number Coastal/Long Distance Medium	770.1	0.7791
Triple Number Coastal/Long Distance High	698.6	0.8588
Triple Number Windward/Leeward Low	1286.2	0.4665
Triple Number Windward/Leeward Medium	952.2	0.6301
Triple Number Windward/Leeward High	851.9	0.7043

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1424.8	1076.8	900.5	799.7	744.1	705.2	636.5