

**GPH = 672.0**    **CDL = 8.339**

**BOAT**

Class **DUFOUR 382 GL**  
Designer **FELCI YACHTS**  
Builder **Dufour**  
Age Date **01/2016**  
Series Date **01/2016**  
Offset File **duf382.off**

**HULL**

Length Overall **10.960 m**  
Maximum Beam **3.848 m**  
Draft **1.886 m**  
Displacement **7,060 kg**  
DLR **7.3859**  
IMS Division **Cruiser/Racer**  
Dynamic Allowance **0.375%**  
Age Allowance **0.163%**

**PROPELLER**

Installation **Strut**  
Type **Folding 3 blades**  
Diameter **0.406m**

**CREW**

Maximum weight **525 kg**  
Minimum weight **394 kg \* when applied**  
Non Manual Power **No**  
Crew Arm Extension

**SAIL AREAS (m<sup>2</sup>)**

	Measured	Rated
Mainsail	<b>36.52</b>	<b>37.07</b>
Headsail Luffed	<b>21.13</b>	<b>22.22</b>
Headsail Flying		
Symmetric	<b>84.43</b>	<b>84.43</b>
Asymmetric		

**SAIL LIMITATIONS**

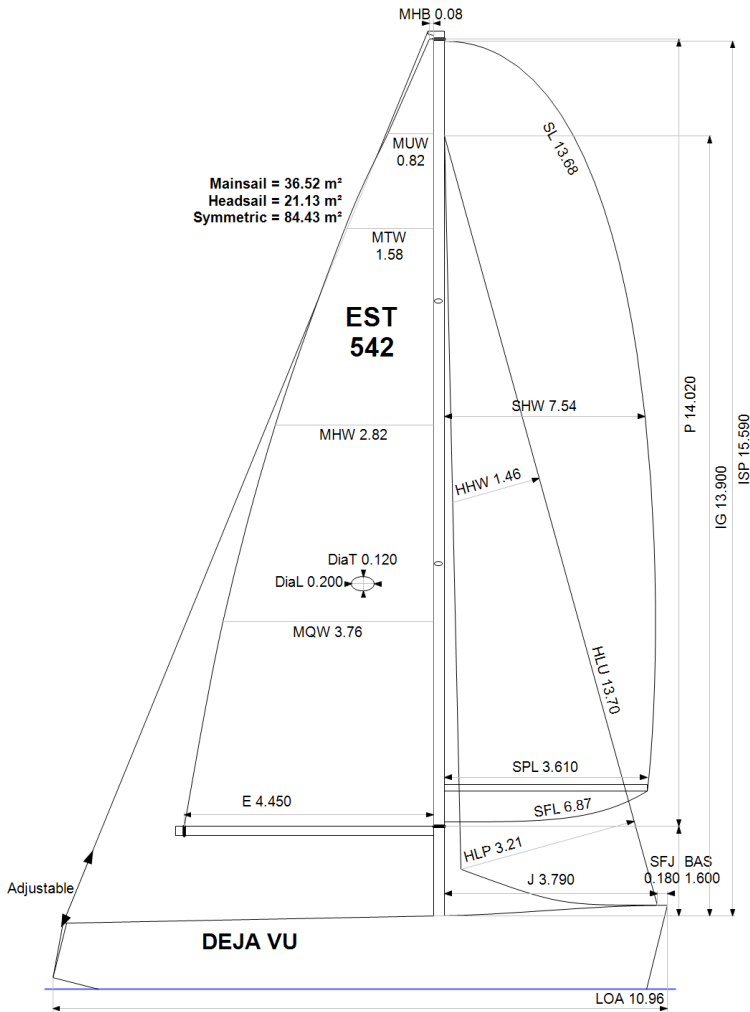
Headsails **5**  
Spinnakers **4**

**STABILITY**

Righting Moment **184.5 kg·m**  
Stability Index **N/A**

**OWNER**

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



Rated boat velocities in knots

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	45.8°	44.3°	43.1°	42.8°	42.0°	41.4°	42.0°
Beat VMG	2.86	3.50	3.98	4.40	4.75	4.93	4.91
52°	4.49	5.39	6.08	6.66	7.05	7.24	7.31
60°	4.81	5.73	6.44	6.96	7.27	7.46	7.58
75°	5.05	6.02	6.78	7.20	7.46	7.67	7.98
90°	5.34	6.43	7.19	7.56	7.72	7.84	8.19
110°	5.41	6.56	7.29	7.68	8.03	8.37	8.77
120°	5.24	6.39	7.18	7.61	7.97	8.35	9.12
135°	4.73	5.83	6.76	7.34	7.71	8.06	8.84
150°	4.01	5.09	6.01	6.81	7.33	7.68	8.36
Run VMG	3.47	4.40	5.21	5.95	6.61	7.17	7.85
Gybe Angles	146.0°	150.0°	152.5°	155.0°	171.0°	180.0°	180.0°

Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1259.6	1029.2	904.8	818.0	758.2	730.9	733.9
52°	802.1	667.8	592.3	540.4	510.9	497.2	492.7
60°	747.9	628.7	558.9	517.5	495.0	482.4	474.9
75°	712.2	598.2	530.9	500.3	482.6	469.3	451.0
90°	674.5	559.5	500.8	476.4	466.1	459.3	439.8
110°	665.3	548.4	494.1	468.5	448.3	429.9	410.4
120°	686.8	563.7	501.1	472.9	451.7	431.3	394.8
135°	760.8	617.1	532.3	490.4	467.1	446.6	407.2
150°	897.5	707.9	599.3	528.5	490.9	468.8	430.5
Run VMG	1036.3	817.4	691.0	605.5	545.0	502.4	458.3
Selected Courses							
Windward / Leeward	1148.0	923.3	797.9	711.8	651.6	616.6	596.1
All purpose	873.7	712.4	623.5	569.3	534.6	512.4	493.4

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	744.6	0.8058
All purpose	593.2	1.0114

### Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	650.8	0.9219
Triple Number Coastal/Long Distance Low	793.0	0.7566
Triple Number Coastal/Long Distance Medium	590.6	1.0159
Triple Number Coastal/Long Distance High	510.8	1.1746
Triple Number Windward/Leeward Low	1035.6	0.5794
Triple Number Windward/Leeward Medium	743.0	0.8075
Triple Number Windward/Leeward High	617.7	0.9714

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1136.8	861.6	710.2	611.7	555.2	518.4	467.7