

GPH = 719.6 **CDL = 7.482**

BOAT

Class **Bavaria 32 CR**
 Designer **Farr**
 Builder **Bavaria**
 Age Date **01/2011**
 Series Date **01/2009**
 Offset File **BAV32cr.OFF**

HULL

Length Overall **9.750 m**
 Maximum Beam **3.428 m**
 Draft **1.895 m**
 Displacement **5,574 kg**
 DLR **7.4511**
 IMS Division **Cruiser/Racer**
 Dynamic Allowance **0.427%**
 Age Allowance **0.390%**

PROPELLER

Installation **Strut**
 Type **Folding 2 blades**
 Diameter **0.410m**

CREW

Maximum weight **499 kg**
 Minimum weight **374 kg * when applied**
 Non Manual Power **No**
 Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	25.25	25.60
Headsail Luffed	22.89	22.89
Headsail Flying		
Symmetric		
Asymmetric	61.07	61.07

* 1 asymmetric(s) with SHW/SFL < 85%

SAIL LIMITATIONS

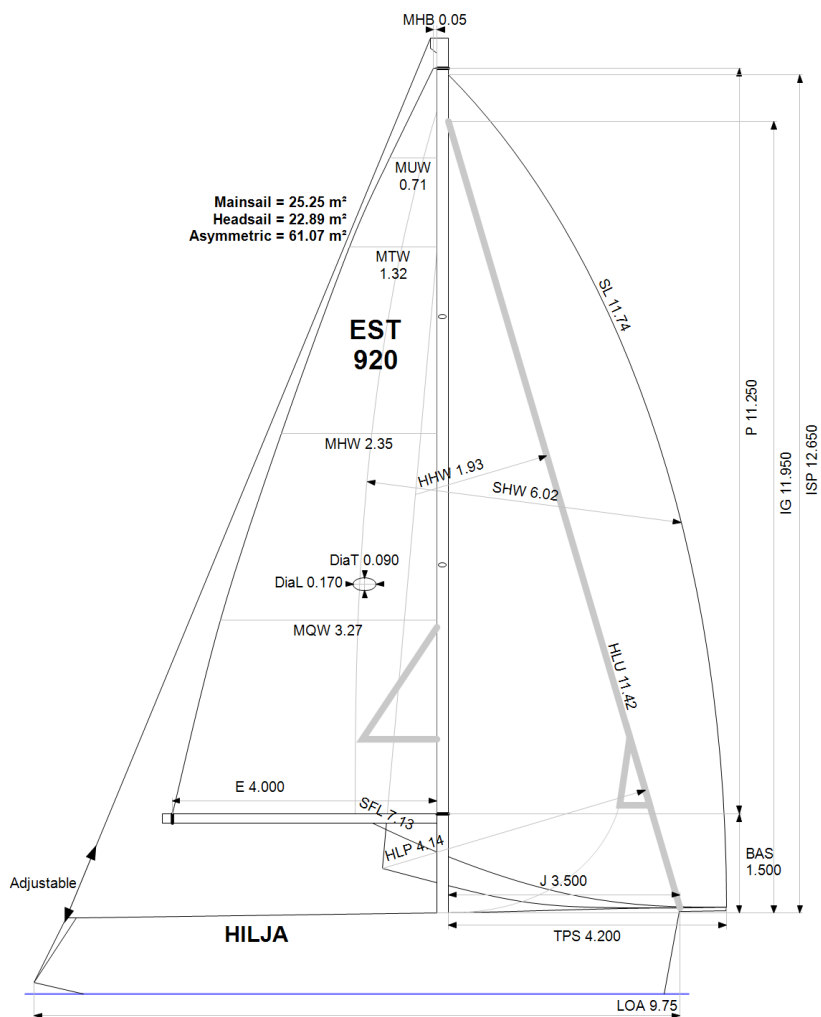
Headsails **1** * Woven polyester sails
 Spinnakers **4**

STABILITY

Righting Moment **103.1 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	45.0°	43.5°	42.8°	42.4°	41.6°	40.5°	40.9°
Beat VMG	2.74	3.34	3.78	4.16	4.50	4.70	4.72
52°	4.27	5.12	5.74	6.28	6.63	6.82	6.89
60°	4.56	5.42	6.08	6.55	6.83	7.01	7.12
75°	4.78	5.67	6.37	6.77	7.01	7.19	7.46
90°	4.96	5.99	6.72	7.08	7.31	7.43	7.63
110°	5.01	6.07	6.78	7.15	7.45	7.76	8.26
120°	4.83	5.87	6.67	7.08	7.38	7.70	8.38
135°	4.35	5.37	6.25	6.82	7.16	7.46	8.10
150°	3.71	4.69	5.48	6.16	6.62	6.94	7.41
Run VMG	3.21	4.06	4.74	5.33	5.73	6.31	7.03
Gybe Angles	146.0°	147.0°	146.5°	147.0°	150.0°	176.0°	178.0°

Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1315.4	1077.0	953.0	866.1	800.0	765.6	763.0
52°	843.0	703.5	626.7	573.5	543.0	528.1	522.4
60°	789.3	664.1	591.8	549.7	526.8	513.9	505.6
75°	753.1	634.7	565.2	531.4	513.9	500.6	482.8
90°	725.3	601.1	536.1	508.3	492.3	484.8	471.7
110°	719.1	592.7	531.1	503.6	483.3	464.1	435.7
120°	745.2	612.9	540.1	508.8	487.6	467.4	429.7
135°	827.1	670.6	576.4	527.8	502.7	482.9	444.6
150°	970.3	768.3	657.2	584.6	544.1	518.7	486.0
Run VMG	1120.5	887.2	758.8	675.0	628.3	570.9	512.4
Selected Courses							
Windward / Leeward	1217.9	982.1	855.9	770.5	714.1	668.3	637.7
All purpose	930.2	759.7	667.4	611.5	576.2	551.5	529.7

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	803.0	0.7472
All purpose	636.2	0.9430

Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	697.9	0.8597
Triple Number Coastal/Long Distance Low	845.0	0.7101
Triple Number Coastal/Long Distance Medium	633.6	0.9469
Triple Number Coastal/Long Distance High	549.5	1.0920
Triple Number Windward/Leeward Low	1100.1	0.5454
Triple Number Windward/Leeward Medium	802.6	0.7476
Triple Number Windward/Leeward High	668.3	0.8978

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1208.2	918.0	761.4	658.3	599.2	557.0	504.3