



GPH = **652.7** CDL = **7.919**

BOAT

Class **DELTA 32**
Designer **NESTOR VOLKER**
Builder **DELTA YACHTS**
Age Date **09/1996**
Series Date **06/1994**
Offset File **DELT32CD.OFF**

HULL

Length Overall **9.725 m**
Maximum Beam **3.252 m**
Draft **1.569 m**
Displacement **4,138 kg**
DLR **6.8852**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.000%**
Age Allowance **0.487%**

PROPELLER

Installation **Strut**
Type **Folding 2 blades**
Diameter **0.400m**

CREW

Maximum weight **495 kg**
Minimum weight **371 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	34.98	35.78
Headsail Luffed	31.07	31.07
Headsail Flying		
Symmetric	87.23	87.23
Asymmetric		

SAIL LIMITATIONS

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

STABILITY

Righting Moment **89.0 kg·m**
Stability Index **118.1**

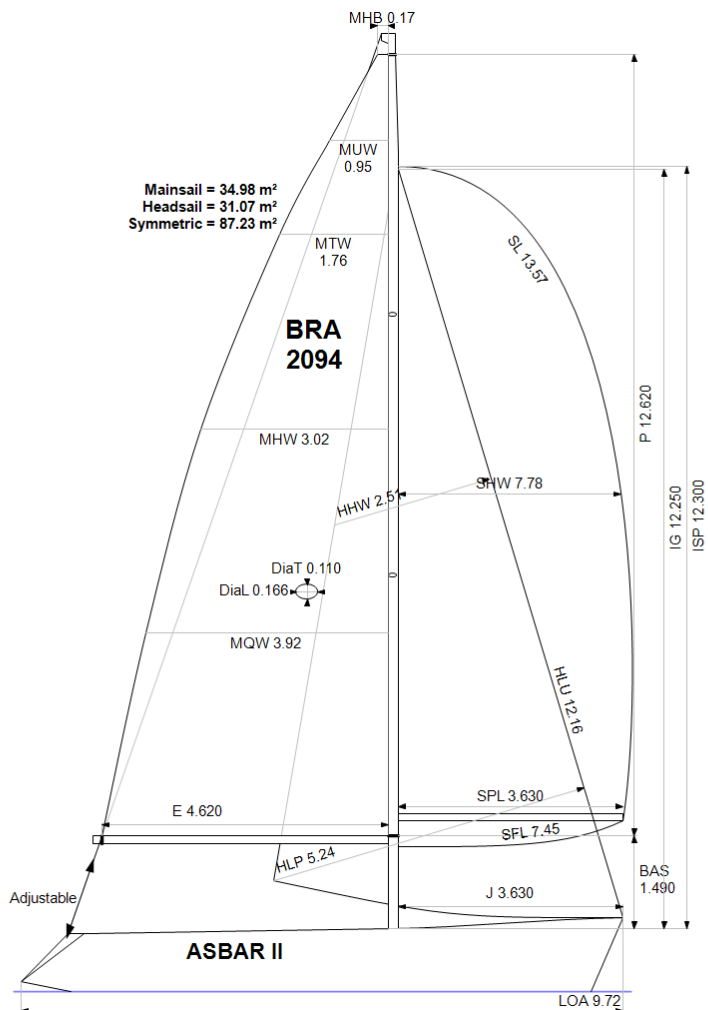
COMMENTS

Mudança de Armador Copiado IRC 2019

OWNER

Rafael Ehlers
Av. Força Expediciona - Centroria,
Ilhabele - SP
YCI

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	43.9°	43.5°	42.4°	41.3°	40.9°	40.9°	42.4°
Beat VMG	3.28	3.91	4.39	4.58	4.66	4.68	4.66
52°	5.05	5.98	6.50	6.70	6.78	6.81	6.83
60°	5.39	6.27	6.70	6.90	6.99	7.03	7.05
75°	5.68	6.48	6.85	7.09	7.28	7.40	7.50
90°	5.65	6.50	6.93	7.17	7.44	7.69	8.03
110°	5.62	6.63	7.10	7.48	7.80	8.01	8.38
120°	5.48	6.54	7.04	7.46	7.89	8.29	8.78
135°	4.95	6.07	6.80	7.20	7.62	8.07	9.05
150°	4.14	5.19	6.16	6.82	7.19	7.58	8.43
Run VMG	3.59	4.49	5.34	6.07	6.65	7.04	7.79
Gybe Angles	146.0°	150.0°	150.3°	160.0°	180.0°	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	1098.4	919.7	820.7	785.5	773.0	769.5	773.3
52°	712.9	602.5	553.9	537.2	531.1	528.5	527.4
60°	668.1	574.3	537.7	522.0	515.2	511.8	510.9
75°	634.0	555.7	525.6	507.7	494.5	486.5	480.2
90°	637.2	553.6	519.4	501.9	483.9	468.1	448.5
110°	640.1	542.8	507.2	481.3	461.6	449.3	429.7
120°	657.5	550.4	511.1	482.8	456.0	434.2	409.9
135°	727.2	593.4	529.7	500.1	472.4	446.0	397.7
150°	869.0	694.2	584.0	528.0	500.6	475.0	426.9
Run VMG	1003.4	801.6	674.1	593.3	541.5	511.0	462.1
Selected Courses							
Windward / Leeward	1050.9	860.7	747.4	689.4	657.2	640.3	617.7
All purpose	803.5	669.8	600.6	566.2	544.4	530.8	511.6

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	721.3	0.8319
All purpose	584.7	1.0262