

APH: **564.5** CDL: **8.922**

GPH: **632.8** CertNo:

**BOAT**

Class **FIRST 36.7**  
Designer **FARR**  
Builder **BENETEAU**  
Age date **01/2005**  
Series date **01/2001**  
Offset file **FIRST367-SD.off**  
Data file **PER3607**

**HULL**

Length Overall **10.640 m**  
Maximum Beam **3.458 m**  
Draft **1.815 m**  
Displacement **5,675 kg**  
DLR **6.4952**  
IMS Division **Cruiser/Racer**  
Dynamic Allowance **0.023%**  
Age Allowance **0.487%**

**PROPELLER**

Installation **Strut**  
Type **Folding 2 blades**  
Diameter **0.415m**

**CREW**

Maximum weight **620 kg**  
Minimum weight **465 kg** \* when applied  
Non Manual Power **No**  
Crew Arm Extension **0.00 m**

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

	Measured	Rated
Mainsail	<b>38.76</b>	<b>39.49</b>
Headsail Luffed	<b>39.23</b>	<b>39.23</b>
Headsail Flying		
Symmetric	<b>84.47</b>	<b>84.47</b>
Asymmetric		

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

Trysail **11.45**  
Storm Jib **10.20**  
Heavy Weather Jib **27.53**

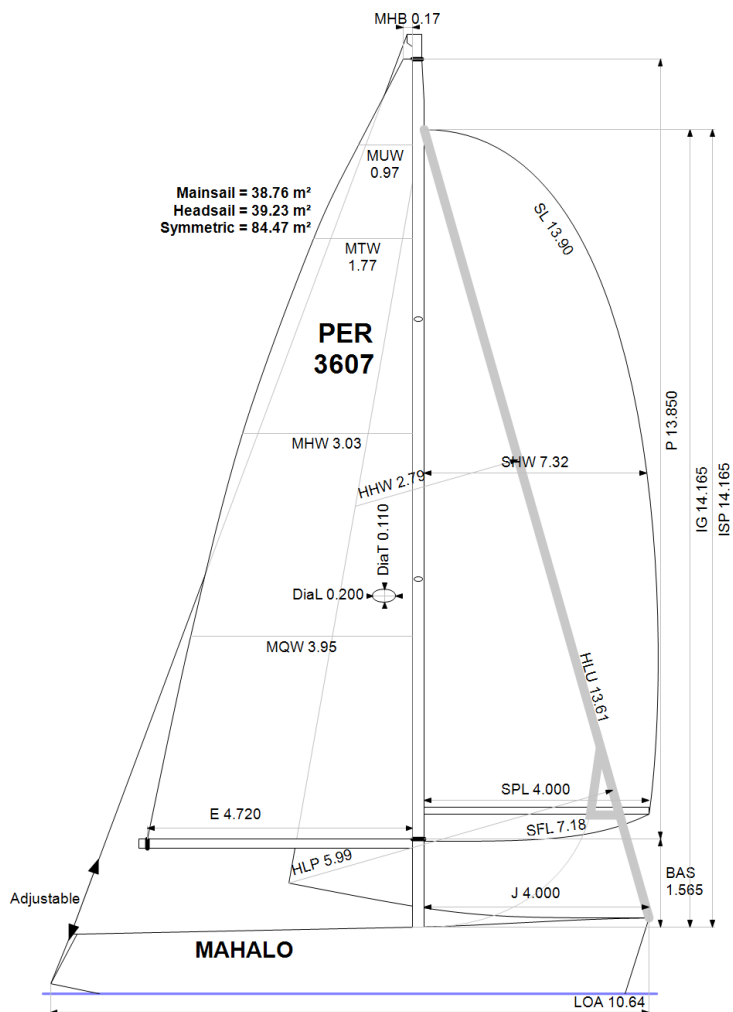
**SAIL LIMITS**

Headsails **1**  
Spinnakers **4**

**STABILITY**

Righting Moment **126.4 kg·m**  
Stability Index **N/A**

*The owner and any other person in charge is responsible that boat is complying with her certificate in accordance with RRS 78.1 and ORC Rule 304.*



**Rated boat velocities in knots**

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	43.6°	42.4°	41.7°	40.2°	39.6°	39.4°	40.5°
Beat VMG	3.40	4.09	4.63	4.90	5.01	5.05	5.05
52°	5.21	6.19	6.82	7.07	7.16	7.20	7.22
60°	5.54	6.50	7.01	7.25	7.35	7.40	7.43
75°	5.81	6.72	7.16	7.42	7.62	7.73	7.82
90°	5.76	6.72	7.20	7.48	7.74	7.99	8.32
110°	5.58	6.72	7.30	7.68	8.03	8.29	8.65
120°	5.41	6.57	7.21	7.61	8.00	8.42	9.04
135°	4.89	6.00	6.87	7.34	7.72	8.13	9.01
150°	4.13	5.21	6.16	6.92	7.35	7.70	8.49
Run VMG	3.58	4.52	5.35	6.09	6.71	7.19	7.88
Gybe Angles	145.1°	150.2°	152.0°	157.4°	170.0°	178.1°	179.0°



Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1060.4	880.7	777.3	734.6	718.8	712.9	712.5
52°	690.6	581.7	528.2	509.3	502.9	500.0	498.3
60°	649.8	554.0	513.3	496.3	489.5	486.2	484.4
75°	619.5	536.1	503.1	485.1	472.7	465.8	460.1
90°	625.1	536.1	499.9	481.2	464.9	450.3	432.6
110°	645.6	535.7	493.3	469.0	448.2	434.4	416.4
120°	665.6	548.2	499.0	473.1	449.7	427.7	398.4
135°	736.7	600.0	523.8	490.3	466.6	442.9	399.5
150°	871.3	690.5	584.1	520.5	489.8	467.4	424.1
Run VMG	1006.1	797.1	673.4	591.0	536.7	500.8	457.0
Selected Courses							
Windward / Leeward	1033.3	838.9	725.3	662.8	627.8	606.9	584.7
All purpose	792.3	654.2	581.4	544.2	522.8	508.6	489.9

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	694.9	0.8634
All purpose	564.5	1.0629