



GPH = **670.1** CDL = **7.863**

**BOAT**

Class **SKIPPER 30 QC**  
Designer **NESTOR VOLKER**  
Builder **SKIPPER YACHTS**  
Age Date **06/2007**  
Series Date **02/2006**  
Offset File **SKIPP30QC.off**

**HULL**

Length Overall **9.215 m**  
Maximum Beam **3.232 m**  
Draft **1.590 m**  
Displacement **3,751 kg**  
DLR **6.5003**  
IMS Division **Cruiser/Racer**  
Dynamic Allowance **0.196%**  
Age Allowance **0.487%**

**PROPELLER**

Installation **Strut**  
Type **Folding 2 blades**  
Diameter **0.420m**

**CREW**

Maximum weight **550 kg**  
Minimum weight **413 kg \* when applied**  
Non Manual Power **No**  
Crew Arm Extension

**SAIL AREAS (m²)**

|                 | Measured     | Rated        |
|-----------------|--------------|--------------|
| Mainsail        | <b>29.29</b> | <b>29.84</b> |
| Headsail Luffed | <b>25.04</b> | <b>25.04</b> |
| Headsail Flying |              |              |
| Symmetric       | <b>64.95</b> | <b>64.95</b> |
| Asymmetric      |              |              |

**SAIL LIMITATIONS**

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

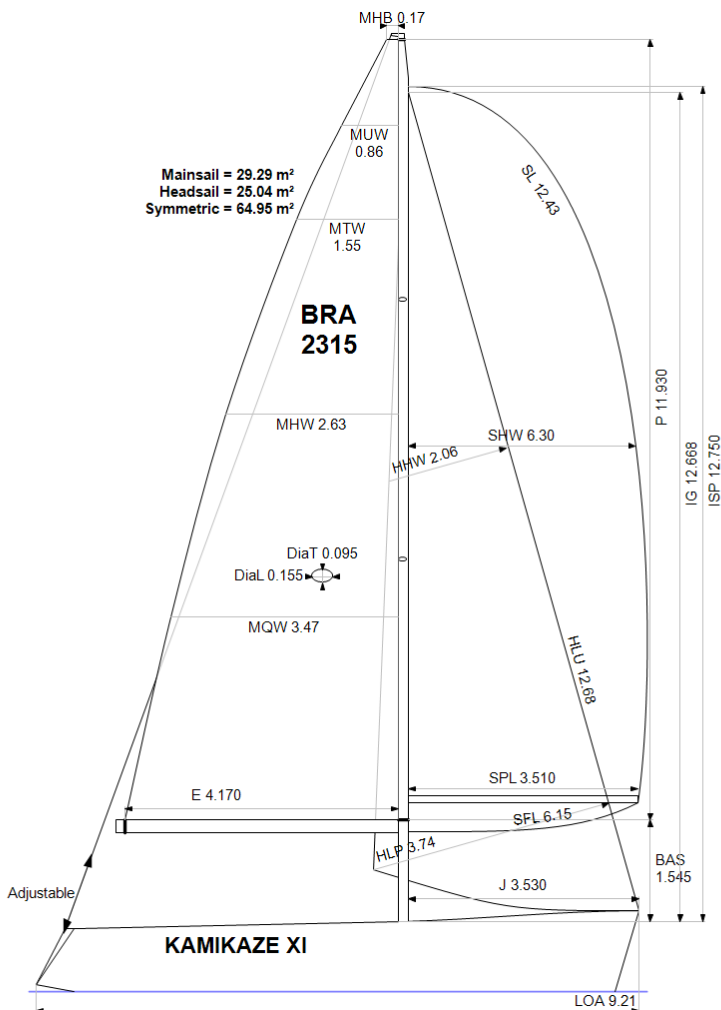
**STABILITY**

Righting Moment **82.6 kg·m**  
Stability Index **116.9**

**OWNER**

Augusto Abelin Moreira  
R. Coronel Massot, 214/310  
Porto Alegre - RS

*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   | 43.5°  | 43.1°  | 42.0°  | 40.5°  | 40.1°  | 40.1°  | 40.5°  |
| Beat VMG      | 3.15   | 3.77   | 4.27   | 4.58   | 4.68   | 4.70   | 4.71   |
| 52°           | 4.87   | 5.75   | 6.33   | 6.61   | 6.72   | 6.76   | 6.79   |
| 60°           | 5.19   | 6.06   | 6.53   | 6.77   | 6.91   | 6.97   | 6.99   |
| 75°           | 5.43   | 6.28   | 6.68   | 6.94   | 7.15   | 7.32   | 7.46   |
| 90°           | 5.38   | 6.32   | 6.82   | 7.09   | 7.25   | 7.52   | 7.95   |
| 110°          | 5.38   | 6.42   | 6.91   | 7.28   | 7.67   | 7.99   | 8.38   |
| 120°          | 5.22   | 6.29   | 6.84   | 7.21   | 7.62   | 8.04   | 8.79   |
| 135°          | 4.74   | 5.79   | 6.54   | 6.95   | 7.32   | 7.73   | 8.65   |
| 150°          | 4.03   | 5.05   | 5.94   | 6.58   | 6.96   | 7.30   | 8.09   |
| Run VMG       | 3.49   | 4.38   | 5.16   | 5.84   | 6.45   | 6.85   | 7.53   |
| Gybe Angles   | 146.0° | 150.5° | 152.5° | 161.0° | 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                   | 1143.8 | 954.6 | 842.3 | 786.2 | 769.9 | 765.7 | 763.7 |
| 52°                        | 739.2  | 626.1 | 568.8 | 545.0 | 536.1 | 532.6 | 530.2 |
| 60°                        | 694.2  | 594.1 | 551.5 | 531.4 | 520.6 | 516.3 | 515.0 |
| 75°                        | 663.3  | 573.1 | 538.6 | 519.0 | 503.6 | 491.8 | 482.9 |
| 90°                        | 669.4  | 569.2 | 528.2 | 508.0 | 496.7 | 479.0 | 452.7 |
| 110°                       | 668.9  | 560.7 | 521.2 | 494.5 | 469.4 | 450.3 | 429.8 |
| 120°                       | 689.2  | 572.3 | 526.7 | 499.3 | 472.5 | 447.6 | 409.4 |
| 135°                       | 760.1  | 621.7 | 550.1 | 517.9 | 491.9 | 465.4 | 416.4 |
| 150°                       | 894.3  | 712.4 | 606.3 | 546.8 | 517.5 | 493.3 | 445.2 |
| Run VMG                    | 1032.7 | 822.7 | 697.6 | 616.3 | 558.2 | 525.4 | 478.0 |
| Selected Courses           |        |       |       |       |       |       |       |
| Windward / Leeward         | 1088.2 | 888.7 | 769.9 | 701.2 | 664.0 | 645.5 | 620.8 |
| All purpose                | 835.6  | 692.9 | 617.9 | 577.1 | 553.2 | 537.9 | 515.7 |

| Single Number Scoring Options |                  |              |
|-------------------------------|------------------|--------------|
| Course                        | Time On Distance | Time On Time |
| Windward / Leeward            | 736.0            | 0.8152       |
| All purpose                   | 598.0            | 1.0033       |