

APH ToD: **673.0** CDL: **5.986**

APH ToT: **0.8916** CertNo: 24/1

BOAT

Class **Rivetto**
Designer **Fontana/Maletto/Na**
Builder **Negri Nautica**
Age date **01/1980**
Series date **01/1978**
Offset file **RIVETTO+.off**
Data file **19385**

HULL

Length Overall **7.511 m**
Maximum Beam **2.516 m**
Draft **1.367 m**
Displacement **1,055 kg**
DLR **6.9342**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.190%**
Age Allowance **0.487%**

PROPELLER

Installation **No Propeller**
Type **N/A**
Diameter **N/A**

CREW

Maximum weight **320 kg** (declared)
Minimum weight **190 kg** *when applied
Non Manual Power **No**
Crew Arm Extension **-0.20 m**

SAIL AREAS (m²)

	Measured	Rated
Mainsail	15.37	15.79
Headsail Luffed	12.41	12.41
Headsail Flying		
Symmetric	25.25	25.25
Asymmetric		

STORM SAIL AREAS (m²)

Trysail **4.41**
Storm Jib **2.45**
Heavy Weather Jib **6.60**

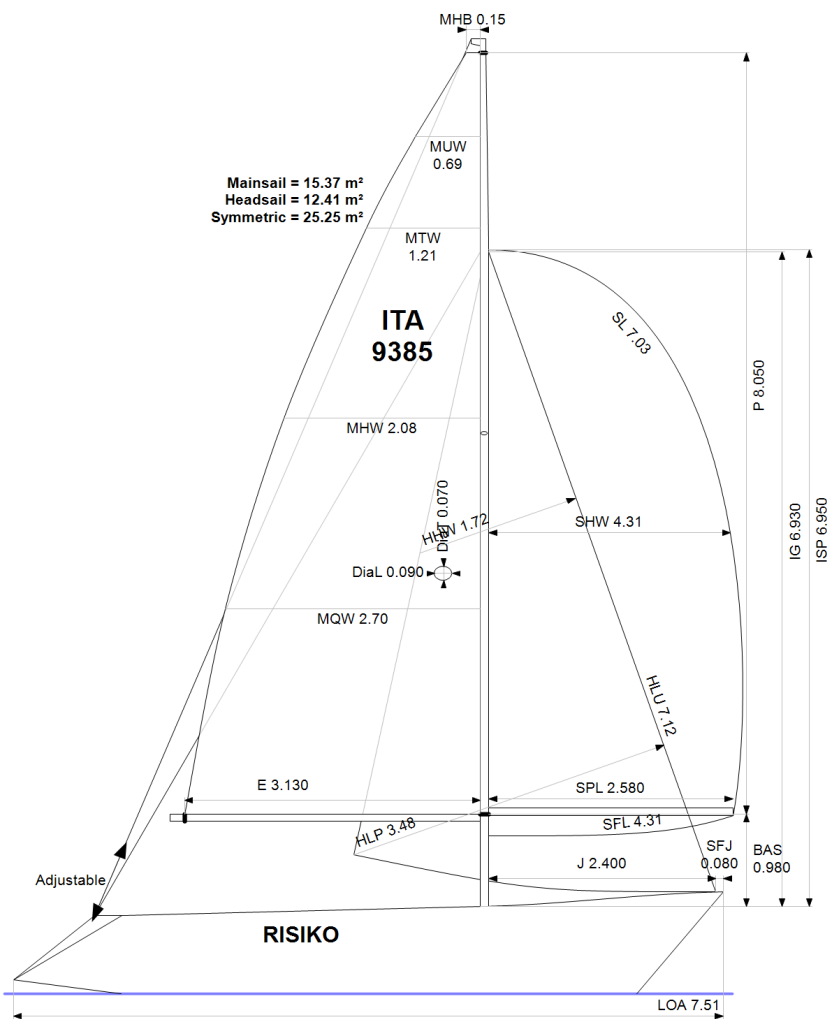
SAIL LIMITS

Headsails **5** * Woven polyester sails
Spinnakers **4**

STABILITY

Righting Moment **N/A**
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	24 kt
Beat Angles	43.6°	41.0°	38.6°	38.1°	38.8°	39.3°	40.9°	44.4°
Beat VMG	3.04	3.67	4.00	4.10	4.11	4.10	4.03	3.81
52°	4.63	5.35	5.65	5.77	5.82	5.85	5.86	5.77
60°	4.86	5.51	5.79	5.94	5.99	6.04	6.08	6.04
75°	4.99	5.61	5.92	6.13	6.27	6.35	6.47	6.50
90°	4.91	5.63	6.01	6.24	6.44	6.64	6.91	7.07
110°	4.82	5.62	6.06	6.42	6.76	7.09	7.59	8.05
120°	4.63	5.49	5.96	6.32	6.70	7.14	8.25	9.34
135°	4.06	5.03	5.69	6.07	6.42	6.81	8.11	10.62
150°	3.41	4.41	5.22	5.76	6.11	6.44	7.29	9.05
Run VMG	2.95	3.82	4.56	5.21	5.70	6.04	6.69	7.84
Gybe Angles	146.9°	151.0°	155.7°	169.6°	178.6°	179.5°	179.0°	141.4°

Time Allowances in secs/NM								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat VMG	1184.5	982.0	899.7	878.5	875.5	877.3	893.1	944.1
52°	776.9	673.4	637.3	623.4	618.7	615.8	614.7	623.6
60°	740.7	653.8	621.8	606.5	600.5	596.1	591.9	595.7
75°	721.2	641.9	607.6	587.3	574.3	566.8	556.1	553.6
90°	733.8	639.7	598.9	576.8	558.9	542.4	521.2	509.2
110°	747.5	640.7	594.2	561.0	532.2	508.1	474.1	447.4
120°	777.5	655.3	603.8	569.8	537.1	504.0	436.1	385.6
135°	887.0	716.4	633.1	593.2	561.0	528.3	444.1	339.0
150°	1055.5	816.9	689.3	624.8	589.0	558.8	493.6	397.8
Run VMG	1218.8	942.7	789.4	690.8	631.9	595.6	537.8	459.3
Selected Courses								
Windward / Leeward	1201.6	962.4	844.6	784.6	753.7	736.5	715.5	701.7
All purpose	920.6	762.1	688.8	652.5	631.3	615.2	588.4	566.7

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	820.8	0.7310
All purpose	673.0	0.8916

Data in meters/kilograms (Metric)

HULL AND APPENDAGES (Lightship Trim)

Class	Rivetto	LOA	7.511	VCGD	0.462
Measurement	01/01/1980	Max. Beam	2.516	VCGM	0.414
HIN		Draft	1.367	RM Rated (kg·m)	14.0
Plan review		Displacement	1,055	Limit of positive stability(°)	N/A
Hull construction	Solid	Wetted area	9.33	Stability Index	N/A
Carbon Rudder	No	IMS L	6.193	Default crew weight	281
Light stanchions	No	LSM0	5.338	Declared crew weight	320
Trim tab	No	Acc. length	7.511		
		Sink (kg/mm)	7.27		

PROPELLER

Propeller Type	No Propeller
Hydro generator	No

RIG

Forestay tension	Aft	P	8.050	E	3.130
Inner stay	None Fitted	IG	6.930	J	2.400
Mast material	Aluminum	ISP	6.950	BAS	0.980
Single headsail furler	No	MDT1	0.070	FSD	No Foil
Mainsail furler	No	MDL1	0.090	SFJ	0.080
Articulated bowsprit	No	MDT2	0.060	SPL	2.580
Non-circular rigging	No	MDL2	0.060	WPL	
Fiber rigging	No	TL	2.000	TPS	
Adjustable mast foot	No	MW	0.100	BD	0.080
Runners/Checkstays	1	GO	0.120	MWT	
Spreaders	1			MCG	
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method	RM entered directly
RM entered	14.0
Flotation Date	02/03/2020

MAINSAIL

<i>Id</i>	<i>MHB</i>	<i>MUW</i>	<i>MTW</i>	<i>MHW</i>	<i>MQW</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	0.15	0.69	1.21	2.08	2.70	15.37	28/03/2023	

HEADSAIL

<i>Id</i>	<i>HHB</i>	<i>HUW</i>	<i>HTW</i>	<i>HHW</i>	<i>HQW</i>	<i>HLP</i>	<i>HLU</i>	<i>Btn</i>	<i>Flying FT</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	0.04	0.46	0.86	1.72	2.63	3.48	7.12	No	No	12.41	28/03/2023	

SYMMETRIC SPINNAKER

<i>Id</i>	<i>SLU</i>	<i>SLE</i>	<i>SL</i>	<i>SHW</i>	<i>SFL</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	7.03	7.03	7.03	4.31	4.31	25.25	28/03/2023	

CRUISER/RACER REQUIREMENTS*

Accommodation length	7.5 m	Table area	0.22 m²	Headroom	1.40 m
Minimum number of berths	2	Personal gear stowage	0.08 m³	Fresh water capacity	15 l
Minimum number of seats in cockpit	2	Food stowage	0.12 m³	Fuel capacity	20 l

* This list refers to the calculated requirements. See IMS Appendix 1 for the complete list of requirements.

APH ToD: **697.5** CDL: **5.732**

APH ToT: **0.8603** CertNo: 24/1

BOAT

Class **Rivetto**
Designer **Fontana/Maletto/Na**
Builder **Negri Nautica**
Age date **01/1980**
Series date **01/1978**
Offset file **RIVETTO+.off**
Data file **I9385**

HULL

Length Overall **7.511 m**
Maximum Beam **2.516 m**
Draft **1.367 m**
Displacement **1,055 kg**
DLR **6.9342**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.210%**
Age Allowance **0.487%**

PROPELLER

Installation **No Propeller**
Type **N/A**
Diameter **N/A**

CREW

Maximum weight **240 kg** (declared)
Minimum weight **130 kg** *when applied
Non Manual Power **No**
Crew Arm Extension **-0.20 m**

SAIL AREAS (m²)

	Measured	Rated
Mainsail	15.37	15.79
Headsail Luffed	12.41	12.41

Headsail Flying
Symmetric
Asymmetric

STORM SAIL AREAS (m²)

Trysail **4.41**
Storm Jib **2.45**
Heavy Weather Jib **6.60**

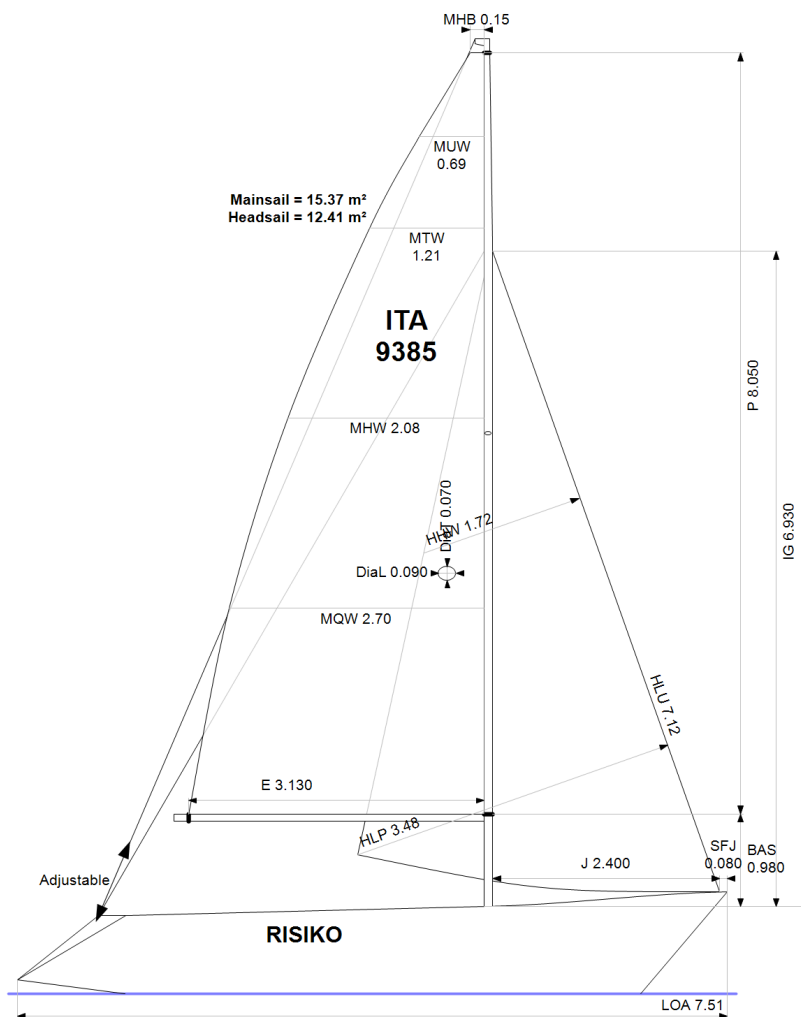
SAIL LIMITS

Headsails **5** * Woven polyester sails
Spinnakers **0** * No spinnaker pole aboard

STABILITY

Righting Moment **N/A**
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	24 kt
Beat Angles	43.5°	40.4°	39.0°	39.2°	39.8°	40.5°	42.4°	47.8°
Beat VMG	3.07	3.66	3.91	3.95	3.93	3.91	3.79	3.50
52°	4.67	5.32	5.58	5.66	5.68	5.70	5.68	5.52
60°	4.90	5.48	5.74	5.84	5.88	5.92	5.93	5.86
75°	5.03	5.61	5.90	6.07	6.17	6.24	6.33	6.33
90°	4.95	5.60	5.95	6.20	6.40	6.55	6.76	6.86
110°	4.47	5.35	5.83	6.18	6.50	6.83	7.48	7.99
120°	4.21	5.16	5.70	6.06	6.39	6.75	7.66	9.06
135°	3.68	4.68	5.38	5.82	6.14	6.46	7.27	8.80
150°	3.13	4.03	4.82	5.39	5.78	6.08	6.71	7.58
Run VMG	2.71	3.52	4.31	4.99	5.50	5.87	6.47	7.22
Gybe Angles	145.1°	168.5°	169.9°	172.1°	174.7°	176.3°	175.9°	173.5°



Time Allowances in secs/NM								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat VMG	1171.7	984.3	920.9	911.5	915.1	920.7	949.4	1028.5
52°	770.5	677.2	645.3	636.4	633.3	631.0	633.7	652.5
60°	734.7	656.9	627.5	616.9	612.1	608.3	606.9	614.5
75°	715.6	641.8	610.3	592.6	583.5	576.6	568.5	569.0
90°	727.9	642.8	605.3	580.7	562.3	549.3	532.4	524.4
110°	806.0	673.2	617.4	583.0	554.1	527.4	481.4	450.8
120°	855.2	698.3	631.3	593.9	563.4	533.6	469.8	397.1
135°	977.5	770.0	668.8	618.7	585.9	557.1	495.1	409.2
150°	1148.9	894.2	747.4	667.5	623.2	592.6	536.8	474.9
Run VMG	1326.7	1021.4	835.0	720.9	654.1	613.5	556.5	498.9
Selected Courses								
Windward / Leeward	1249.2	1002.9	878.0	816.2	784.6	767.1	752.9	763.7
All purpose	954.4	789.6	712.7	675.3	654.2	639.1	618.3	610.6

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	854.5	0.7022
All purpose	697.5	0.8603



Data in meters/kilograms (Metric)

HULL AND APPENDAGES (Lightship Trim)

Class	Rivetto	LOA	7.511	VCGD	0.462
Measurement	01/01/1980	Max. Beam	2.516	VCGM	0.414
HIN		Draft	1.367	RM Rated (kg·m)	14.0
Plan review		Displacement	1,055	Limit of positive stability(°)	N/A
Hull construction	Solid	Wetted area	9.33	Stability Index	N/A
Carbon Rudder	No	IMS L	6.096	Default crew weight	281
Light stanchions	No	LSM0	5.338	Declared crew weight	240
Trim tab	No	Acc. length	7.511		
		Sink (kg/mm)	7.27		

PROPELLER

Propeller Type	No Propeller
Hydro generator	No

RIG

Forestay tension	Aft	P	8.050	E	3.130
Inner stay	None Fitted	IG	6.930	J	2.400
Mast material	Aluminum	ISP		BAS	0.980
Single headsail furler	No	MDT1	0.070	FSD	No Foil
Mainsail furler	No	MDL1	0.090	SFJ	0.080
Articulated bowsprit	No	MDT2	0.060	SPL	
Non-circular rigging	No	MDL2	0.060	WPL	
Fiber rigging	No	TL	2.000	TPS	
Adjustable mast foot	No	MW	0.100	BD	0.080
Runners/Checkstays	1	GO	0.120	MWT	
Spreaders	1			MCG	
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method	RM entered directly
RM entered	14.0
Flotation Date	02/03/2020



MAINSAIL

<i>Id</i>	<i>MHB</i>	<i>MUW</i>	<i>MTW</i>	<i>MHW</i>	<i>MQW</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	0.15	0.69	1.21	2.08	2.70	15.37	28/03/2023	

HEADSAIL

<i>Id</i>	<i>HHB</i>	<i>HUW</i>	<i>HTW</i>	<i>HHW</i>	<i>HQW</i>	<i>HLP</i>	<i>HLU</i>	<i>Btn</i>	<i>Flying FT</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	0.04	0.46	0.86	1.72	2.63	3.48	7.12	No	No	12.41	28/03/2023	

CRUISER/RACER REQUIREMENTS*

Accommodation length	7.5 m	Table area	0.22 m²	Headroom	1.40 m
Minimum number of berths	2	Personal gear stowage	0.08 m³	Fresh water capacity	15 l
Minimum number of seats in cockpit	2	Food stowage	0.12 m³	Fuel capacity	20 l

*This list refers to the calculated requirements. See IMS Appendix 1 for the complete list of requirements.

APH ToD: **687.7** CDL: **5.543**
APH ToT: **0.8725** CertNo: 24/1

BOAT

Class **Rivetto**
Designer **Fontana/Maletto/Na**
Builder **Negri Nautica**
Age date **01/1980**
Series date **01/1978**
Offset file **RIVETTO+.off**
Data file **19385**

HULL

Length Overall **7.511 m**
Maximum Beam **2.516 m**
Draft **1.367 m**
Displacement **1,055 kg**
DLR **6.9342**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.180%**
Age Allowance **0.487%**

PROPELLER

Installation **No Propeller**
Type **N/A**
Diameter **N/A**

CREW

Maximum weight **190 kg** (declared)
Minimum weight **120 kg** *when applied
Non Manual Power **No**
Crew Arm Extension **-0.20 m**

SAIL AREAS (m²)

	Measured	Rated
Mainsail	15.37	15.79
Headsail Luffed	12.41	12.41
Headsail Flying		
Symmetric	25.25	25.25
Asymmetric		

STORM SAIL AREAS (m²)

Trysail **4.41**
Storm Jib **2.45**
Heavy Weather Jib **6.60**

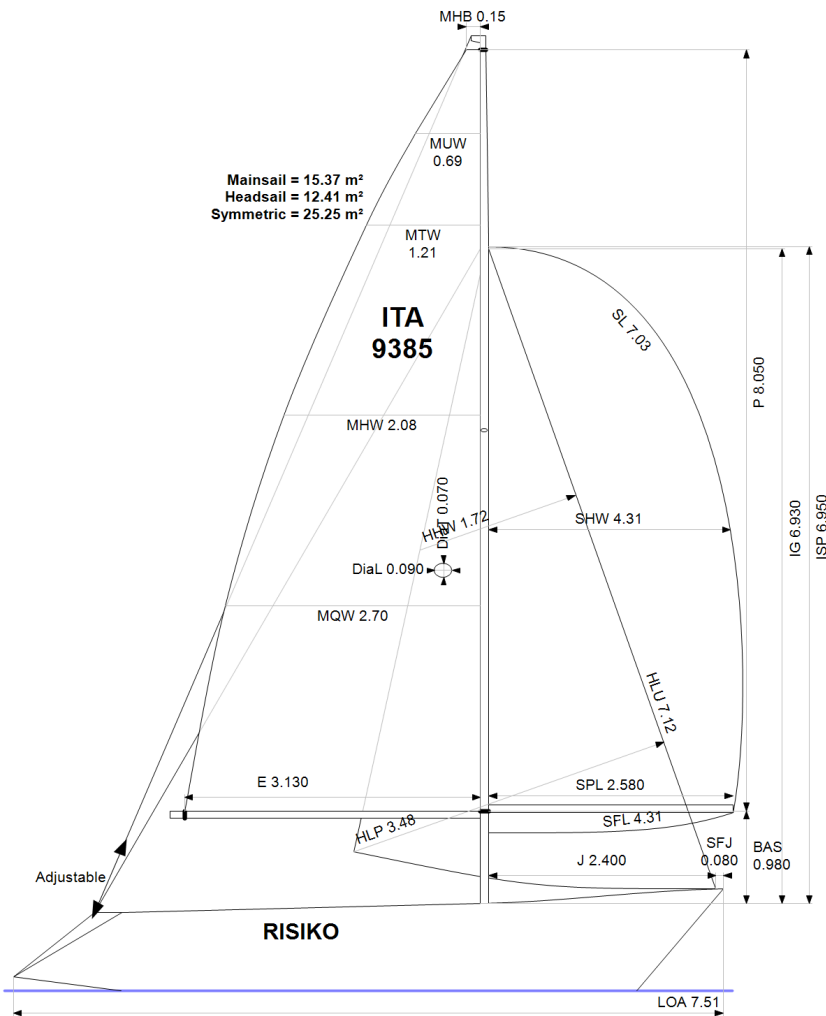
SAIL LIMITS

Headsails **5** * Woven polyester sails
Spinnakers **4**

STABILITY

Righting Moment **N/A**
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	24 kt
Beat Angles	42.9°	40.1°	39.4°	39.9°	40.7°	41.5°	43.8°	49.9°
Beat VMG	3.08	3.63	3.81	3.83	3.80	3.77	3.62	3.28
52°	4.66	5.28	5.50	5.55	5.57	5.58	5.53	5.28
60°	4.88	5.45	5.68	5.75	5.79	5.82	5.81	5.70
75°	5.04	5.59	5.86	6.01	6.09	6.15	6.22	6.19
90°	4.96	5.60	5.93	6.17	6.35	6.47	6.65	6.72
110°	4.86	5.65	6.06	6.39	6.65	6.86	7.20	7.34
120°	4.68	5.53	6.00	6.36	6.72	7.09	7.79	8.46
135°	4.13	5.07	5.72	6.12	6.51	6.93	8.25	10.40
150°	3.46	4.45	5.26	5.80	6.17	6.53	7.50	9.49
Run VMG	2.99	3.86	4.60	5.24	5.73	6.09	6.80	8.21
Gybe Angles	146.7°	151.0°	157.0°	169.6°	178.6°	179.5°	179.0°	145.0°



Club
Certificate
Double Handed
2024

Boat
RISIKO
ITA-9385

FEDERAZIONE ITALIANA VELA
Distr.:UVAI www.uvai.it
Tel. + 39068841273
E-mail segreteria@uvai.it



Time Allowances in secs/NM								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat VMG	1167.2	992.3	943.8	938.9	946.6	955.1	994.7	1096.3
52°	772.4	682.3	654.8	648.1	645.8	644.7	651.4	681.8
60°	737.4	661.1	634.3	626.2	621.8	618.9	619.5	631.1
75°	714.5	644.3	614.1	599.2	591.4	584.9	579.2	581.4
90°	725.1	643.2	606.9	583.5	567.2	556.4	541.4	535.4
110°	740.5	637.7	594.0	563.7	541.0	524.9	499.8	490.6
120°	769.4	650.6	599.9	565.8	535.5	507.7	462.4	425.8
135°	872.3	709.9	628.9	588.0	553.3	519.3	436.6	346.2
150°	1041.7	808.5	684.4	620.8	583.8	551.2	480.2	379.5
Run VMG	1202.9	932.9	783.0	686.7	628.2	591.2	529.6	438.3
Selected Courses								
Windward / Leeward	1185.0	962.6	863.4	812.8	787.4	773.2	762.1	767.3
All purpose	909.3	763.0	700.0	669.1	651.5	638.5	620.2	615.0

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	844.9	0.7101
All purpose	687.7	0.8725



Data in meters/kilograms (Metric)

HULL AND APPENDAGES (Lightship Trim)

Class	Rivetto	LOA	7.511	VCGD	0.462
Measurement	01/01/1980	Max. Beam	2.516	VCGM	0.414
HIN		Draft	1.367	RM Rated (kg·m)	14.0
Plan review		Displacement	1,055	Limit of positive stability(°)	N/A
Hull construction	Solid	Wetted area	9.33	Stability Index	N/A
Carbon Rudder	No	IMS L	6.027	Default crew weight	281
Light stanchions	No	LSM0	5.338	Declared crew weight	190
Trim tab	No	Acc. length	7.511		
		Sink (kg/mm)	7.27		

PROPELLER

Propeller Type	No Propeller
Hydro generator	No

RIG

Forestay tension	Aft	P	8.050	E	3.130
Inner stay	None Fitted	IG	6.930	J	2.400
Mast material	Aluminum	ISP	6.950	BAS	0.980
Single headsail furler	No	MDT1	0.070	FSD	No Foil
Mainsail furler	No	MDL1	0.090	SFJ	0.080
Articulated bowsprit	No	MDT2	0.060	SPL	2.580
Non-circular rigging	No	MDL2	0.060	WPL	
Fiber rigging	No	TL	2.000	TPS	
Adjustable mast foot	No	MW	0.100	BD	0.080
Runners/Checkstays	1	GO	0.120	MWT	
Spreaders	1			MCG	
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method	RM entered directly
RM entered	14.0
Flotation Date	02/03/2020



MAINSAIL

<i>Id</i>	<i>MHB</i>	<i>MUW</i>	<i>MTW</i>	<i>MHW</i>	<i>MQW</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	0.15	0.69	1.21	2.08	2.70	15.37	28/03/2023	

HEADSAIL

<i>Id</i>	<i>HHB</i>	<i>HUW</i>	<i>HTW</i>	<i>HHW</i>	<i>HQW</i>	<i>HLP</i>	<i>HLU</i>	<i>Btn</i>	<i>Flying FT</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	0.04	0.46	0.86	1.72	2.63	3.48	7.12	No	No	12.41	28/03/2023	

SYMMETRIC SPINNAKER

<i>Id</i>	<i>SLU</i>	<i>SLE</i>	<i>SL</i>	<i>SHW</i>	<i>SFL</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	7.03	7.03	7.03	4.31	4.31	25.25	28/03/2023	

CRUISER/RACER REQUIREMENTS*

Accommodation length	7.5 m	Table area	0.22 m²	Headroom	1.40 m
Minimum number of berths	2	Personal gear stowage	0.08 m³	Fresh water capacity	15 l
Minimum number of seats in cockpit	2	Food stowage	0.12 m³	Fuel capacity	20 l

* This list refers to the calculated requirements. See IMS Appendix 1 for the complete list of requirements.