

GPH = 583.3 **CDL = 8.748**

BOAT

Class **CORSA 915**
Designer **MATTEO POLLI**
Builder **LIFE YACHT**
Age Date **07/2021**
Series Date **06/2020**
Offset File **CORSA915+.off**

HULL

Length Overall **9.149 m**
Maximum Beam **2.980 m**
Draft **1.992 m**
Displacement **1,985 kg**
DLR **3.7194**
IMS Division **Sportboat**
Dynamic Allowance **0.000%**
Age Allowance **0.033%**

PROPELLER

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

CREW

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

SAIL AREAS (m²)

	Measured	Rated
Mainsail	31.15	31.83
Headsail Luffed	26.06	26.06
Headsail Flying		
Symmetric		
Asymmetric	95.80	95.80

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

SAIL LIMITATIONS

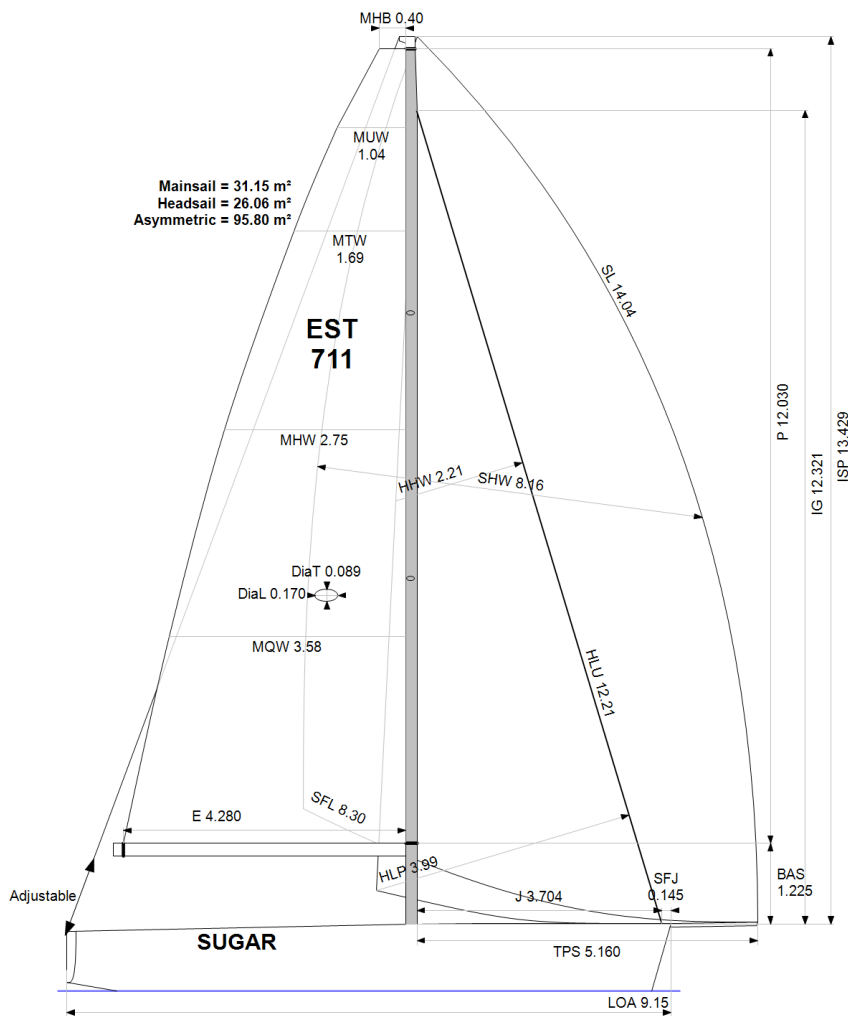
Headsails **5**
Spinnakers **4**

STABILITY

Righting Moment **51.2 kg·m**
Stability Index **113.0**

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	42.8°	41.1°	39.0°	37.9°	37.9°	37.3°	38.4°
Beat VMG	3.76	4.56	4.97	5.10	5.16	5.24	5.21
52°	5.75	6.67	7.04	7.18	7.26	7.34	7.47
60°	6.10	6.85	7.26	7.49	7.61	7.68	7.93
75°	6.36	7.01	7.52	7.99	8.22	8.35	8.63
90°	6.29	7.07	7.54	8.13	8.72	9.09	9.45
110°	6.34	7.22	7.97	8.51	9.00	9.50	10.57
120°	6.19	7.14	7.93	8.77	9.44	10.08	11.31
135°	5.49	6.74	7.45	8.24	9.23	10.40	12.79
150°	4.61	5.81	6.75	7.36	8.00	8.88	11.60
Run VMG	4.00	5.03	5.84	6.37	6.93	7.69	10.04
Gybe Angles	143.0°	146.0°	150.5°	149.5°	147.0°	144.5°	140.9°

Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	957.7	790.3	725.1	705.2	698.2	687.5	691.1
52°	626.1	539.8	511.5	501.2	495.9	490.7	481.9
60°	590.3	525.2	495.7	480.6	473.0	469.0	454.3
75°	566.0	513.9	479.0	450.7	438.1	431.1	417.3
90°	572.1	509.2	477.4	442.9	413.0	396.0	381.2
110°	567.9	498.4	451.5	423.0	400.0	379.1	340.6
120°	581.5	504.0	454.0	410.6	381.5	357.0	318.4
135°	655.7	533.9	483.4	436.8	389.9	346.1	281.6
150°	780.4	619.6	533.7	489.3	449.7	405.4	310.4
Run VMG	901.1	715.5	616.6	565.0	519.3	468.1	358.4
Selected Courses							
Windward / Leeward	929.4	752.9	670.9	635.1	608.7	577.8	524.8
All purpose	712.4	597.1	542.3	511.4	488.3	466.0	429.9

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	652.2	0.9199
All purpose	523.0	1.1473

Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	568.8	1.0548
Triple Number Coastal/Long Distance Low	654.8	0.9163
Triple Number Coastal/Long Distance Medium	523.1	1.1471
Triple Number Coastal/Long Distance High	458.1	1.3099
Triple Number Windward/Leeward Low	841.2	0.7133
Triple Number Windward/Leeward Medium	650.3	0.9227
Triple Number Windward/Leeward High	565.7	1.0607

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	926.6	710.2	607.5	547.7	508.1	469.7	405.4



Data in meters/kilograms (Metric)

HULL AND APPENDAGES

Class	CORSA 915	LOA	9.149	VCGD	-0.119
Measurement	26/07/2021	Max. Beam	2.980	VCGM	-0.119
Measurer		Draft	1.992	RM Measured (kg·m)	51.2
HIN	ITA-MGI91503D121	Displacement	1.985	RM Default (kg·m)	56.6
Plan review		Wetted area	16.69	Limit of positive stability(°)	119.6
Hull construction	Cored	IMS L	8.551	Stability Index	113.0
Carbon Rudder	Yes	LSM0	8.111		
Light stanchions	No	Acc. length	9.149		
Trim tab	No	Sink (kg/mm)	12.18		

PROPELLER

Propeller Type **No Propeller**
PIPA **0.0000**

RIG

Forestay tension	Aft	P	12.030	E	4.280
Inner stay	None Fitted	IG	12.321	J	3.704
Carbon mast	Yes	ISP	13.429	BAS	1.225
Headsail furler	No	MDT1	0.089	FSD	0.034
Mainsail furler	No	MDL1	0.170	SFJ	0.145
Articulated bowsprit	No	MDT2	0.057	SPL	
Non-circular rigging	No	MDL2	0.140	TPS	5.160
Fiber rigging	No	TL	0.970	BD	0.191
Runners/Checkstays	0	MW	0.170	MWT	72.55
Spreaders	2	GO	0.187	MCG	4.650

FLOTATION AND STABILITY

Inclining Test	Boom Inclining	SFFP	0.142	SAFP	9.143	W1	44.5	PD1	290.4	WD	4.210
Flotation Date	26/07/2021	FFM	1.023	FAM	0.786	W2	44.5	PD2	287.3	PLM	9000.00
Measurer		FF	1.023	FA	0.786	W3	44.5	PD3	288.2	GSA	1.0
Comment	Civitanova Marche	LCFcl	5.042	LCFsh	5.261	W4	44.5	PD4	285.8	RSA	1.0
		SG	1.0250	HBI	1.007	LCFD					

MEASUREMENT INVENTORY

Id	Item Description	Weight	LCG	VCG
A	Battery 60 Ah		5.12	
A	Miscellaneous OUTBOARD ENGINE	46.0	6.02	
B	Miscellaneous MAST JACK PUMP WITHOUT CYLINDERS		4.20	



MAINSAIL

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Maker	Material	Comment
M 1	0.40	1.04	1.69	2.75	3.58	31.15		15/03/2021	ONESAILS	Unknown	4T FORTE

HEADSAIL

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Btn	Flying	FT	Area	Measurer	Meas.Date	Maker	Material	Comment
J 1	0.12	0.71	1.24	2.21	3.08	3.99	12.21	Yes	No		26.06		02/07/2021	ONESAILS	Unknown	4T Forte
J 2	0.12	0.72	1.25	2.14	3.02	3.96	12.21	Yes	No		25.68		02/07/2021	ONESAILS	Unknown	4T Forte
J 3	0.12	0.57	1.02	1.91	2.72	3.66	12.15	Yes	No		22.84		15/03/2021	ONESAILS	Unknown	4T Forte

ASYMMETRIC SPINNAKER

Id	SLU	SLE	SL	SHW	SFL	Ratio	Area	Measurer	Meas.Date	Maker	Material	Comment
A 2	15.93	12.15	14.04	8.16	8.30	98%	95.80		12/05/2021	ONESAILS	Nylon	
A 1	15.11	13.66	14.39	7.68	8.75	88%	94.63		12/05/2021	ONESAILS	Nylon	
A 3	14.37	12.72	13.55	5.91	7.08	83%	69.35		03/08/2021	ONE SAILS	Unknown	