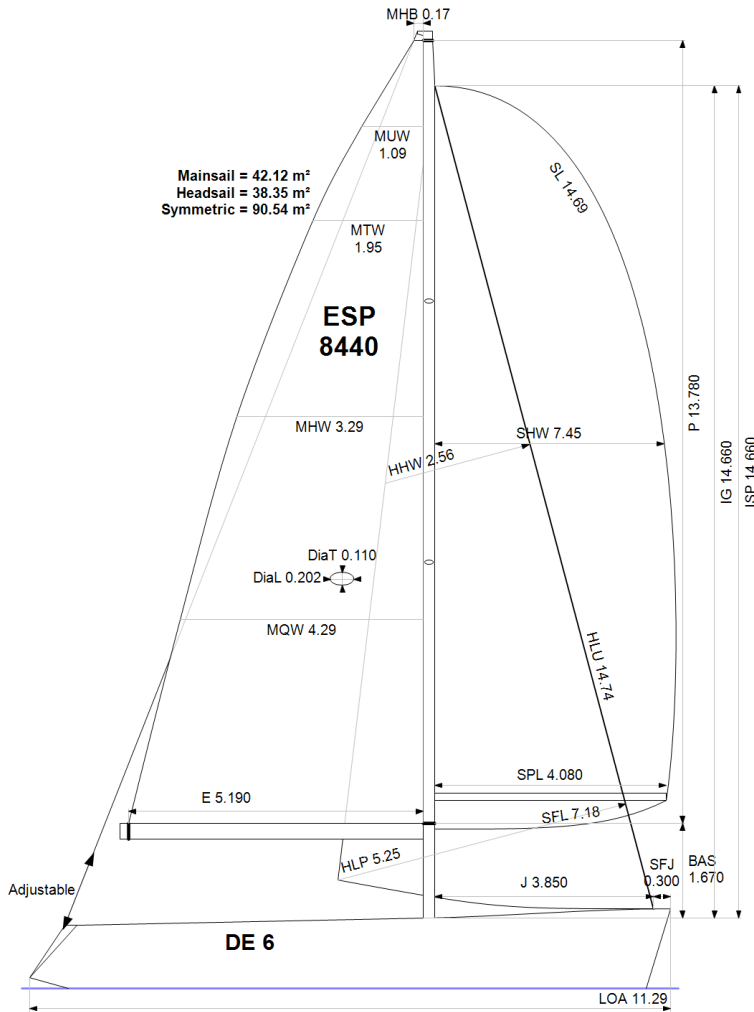


GPH = **618.0** CDL = **9.664**



BOAT

Class **SALONA 37**
Designer **JAKOPIN**
Builder **SALONA YACHTS**
Age Date **09/2007**
Series Date **10/2005**
Offset File **saloe8440.off**

HULL

Length Overall **11.289 m**
Maximum Beam **3.580 m**
Draft **2.309 m**
Displacement **6,566 kg**
DLR **5.9484**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.186%**
Age Allowance **0.487%**

PROPELLER

Installation **Strut**
Type **Folding 2 blades**
Diameter **0.430m**

CREW

Maximum weight **731 kg**
Minimum weight **548 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	42.12	43.06
Headsail Luffed	38.34	38.34
Headsail Flying		
Symmetric	90.54	90.54
Asymmetric		

SAIL LIMITATIONS

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

STABILITY

Righting Moment **153.4 kg·m**
Stability Index **122.8**

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°	40.9°	40.5°	39.0°	38.3°	38.1°	38.1°
Beat VMG	3.50	4.22	4.79	5.12	5.25	5.30	5.33
52°	5.33	6.31	6.97	7.28	7.39	7.45	7.47
60°	5.63	6.61	7.17	7.45	7.59	7.65	7.70
75°	5.88	6.83	7.33	7.61	7.83	7.99	8.12
90°	5.81	6.82	7.37	7.67	7.93	8.20	8.62
110°	5.63	6.83	7.47	7.86	8.24	8.55	8.96
120°	5.46	6.66	7.38	7.79	8.20	8.63	9.37
135°	4.93	6.07	6.99	7.51	7.89	8.31	9.24
150°	4.15	5.25	6.21	7.02	7.49	7.85	8.65
Run VMG	3.60	4.55	5.38	6.14	6.78	7.32	8.04
Gybe Angles	145.0°	149.0°	151.0°	156.0°	172.0°	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	1029.2	853.0	752.2	703.2	685.8	678.7	675.7
52°	675.5	570.5	516.2	494.6	486.9	483.4	482.0
60°	639.3	544.8	501.8	483.2	474.3	470.3	467.7
75°	611.9	526.8	491.5	472.9	459.8	450.7	443.3
90°	619.3	527.6	488.3	469.3	453.9	439.0	417.6
110°	639.1	527.4	482.2	458.0	436.8	421.1	401.9
120°	659.1	540.6	488.1	462.1	439.2	417.0	384.3
135°	730.6	593.1	514.7	479.2	456.3	433.3	389.4
150°	866.8	685.9	579.5	513.1	480.4	458.6	416.3
Run VMG	1000.9	792.0	668.8	586.7	530.8	491.6	447.9
Selected Courses							
Windward / Leeward	1015.0	822.5	710.5	644.9	608.3	585.1	561.8
All purpose	780.0	642.2	568.8	529.5	507.3	490.9	471.0

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	676.9	0.8865
All purpose	549.9	1.0911

Custom scoring options for Spain

Single Number	Time On Distance
Coastal/Long Distance	599.8
Triple Number Coastal/Long Distance Low	711.1
Triple Number Coastal/Long Distance Medium	546.4
Triple Number Coastal/Long Distance High	487.5
Triple Number Windward/Leeward Low	918.8
Triple Number Windward/Leeward Medium	672.4
Triple Number Windward/Leeward High	582.2

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1013.6	773.0	640.8	564.7	526.5	497.0	450.5

Data in meters/kilograms (Metric)

HULL AND APPENDAGES

Class	SALONA 37	LOA	11.289	VCGD	-0.044
Measurement	24/08/2011	Max. Beam	3.580	VCGM	0.010
Measurer		Draft	2.309	RM Measured (kg·m)	153.4
HIN		Displacement	6.566	RM Default (kg·m)	159.7
Plan review		IMS L	10.319	Limit of positive stability (°)	119.6
Hull Construction	Solid	LSM0	10.335	Stability Index	122.8
Carbon rudder	No	Acc. length	11.289		
Light stanchions		Wetted area	28.16		
Trim tab	No	Sink (kg/mm)	21.14		

PROPELLER

Propeller Type	Folding 2 blades	PRD	0.430	EDL	2.050	ST3	
Installation	Strut	PBW		ST1	0.043	ST4	0.106
Twin screw	No			ST2		ST5	0.253
PIPA	0.0034						

RIG

Forestay tension	Aft	P	13.780	E	5.190
Inner stay	None Fitted	IG	14.660	J	3.850
Carbon mast	No	ISP	14.660	BAS	1.670
Headsail furler	No	MDT1	0.110	FSD	0.035
Mainsail furler	No	MDL1	0.202	SFJ	0.300
Articulated bowsprit	No	MDT2	0.110	SPL	4.080
Non-circular rigging	No	MDL2	0.165	TPS	
Fiber rigging	No	TL	0.740	BD	0.275
Runners/Checkstays	0	MW	0.201	MWT	180.40
Spreaders	2	GO	0.228	MCG	5.000

FLOTATION AND STABILITY

Inclining Test	Poles Inclining	SFFP	0.259	SAFP	10.461	W1	96.0	PD1	553.1	WD	11.210
Flotation Date	20/07/2019	FFM	1.405	FAM	1.100	W2	96.0	PD2	553.1	PLM	9000.00
Measurer		FF	1.399	FA	1.107	W3	96.0	PD3	549.9	GSA	1.0
Comment		LCFcl	6.326	LCFsh	6.548	W4	96.0	PD4	554.0	RSA	1.0
		SG	1.0270	HBI	1.233						

MEASUREMENT INVENTORY

Id	Tank Type	Capacity	LCG	VCG	Condition	Description
001	AGUA PLASTICO	200.0	8.25		0-0	VACIO
002	GASOIL PLASTICO	200.0	9.55		50-0	1/4 DE DEPOSITO
Id	Item Description	Weight	LCG	VCG		
001	Battery 170 AH	45.1	5.55			
002	Battery 100AH	21.9	5.55			
Miscellaneous						

International
Certificate
2021

Boat
DE 6
ESP-8440

Offshore
Racing
Congress

Certificate number: 844001

MAINSAIL

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Measurement	Manufacturer	Material	Comment
001	0.17	1.09	1.95	3.29	4.29	42.12		08/06/2019	DE LA GANDARA	Unknown	

HEADSAIL

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Btn	Flying	Area	Measurer	Measurement	Manufacturer	Material	Comment
004	0.08	0.66	1.28	2.56	3.90	5.25	14.74	No	No	38.35		15/07/2019	NORTH	Unknown	LIGERO NUEVO
002	0.06	0.62	1.21	2.49	3.81	5.18	14.03	No	No	35.59		08/06/2019	DE LA GANDARA	Unknown	MEDIO
001	0.06	0.62	1.20	2.46	3.78	5.13	14.12	No	No	35.49		08/06/2019	DE LA GANDARA	Unknown	LIGERO
003	0.08	0.66	1.24	2.64	3.91	5.34	13.36	No	No	35.14		12/07/2017	NORTH	Unknown	FOQUE 2
005	0.07	0.51	0.99	1.95	2.95	4.05	14.56	Yes	No	28.96				Unknown	G3

SYMMETRIC SPINNAKER

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Measurement	Manufacturer	Material	Comment
004	14.69	14.69	14.69	7.45	7.18	90.54		08/06/2019	NORTH	Unknown	
001	14.35	14.35	14.35	7.58	7.47	90.39		08/06/2019	DE LA GANDARA	Unknown	
002	14.36	14.36	14.36	7.58	7.40	90.28		08/06/2019	DE LA GANDARA	Unknown	

