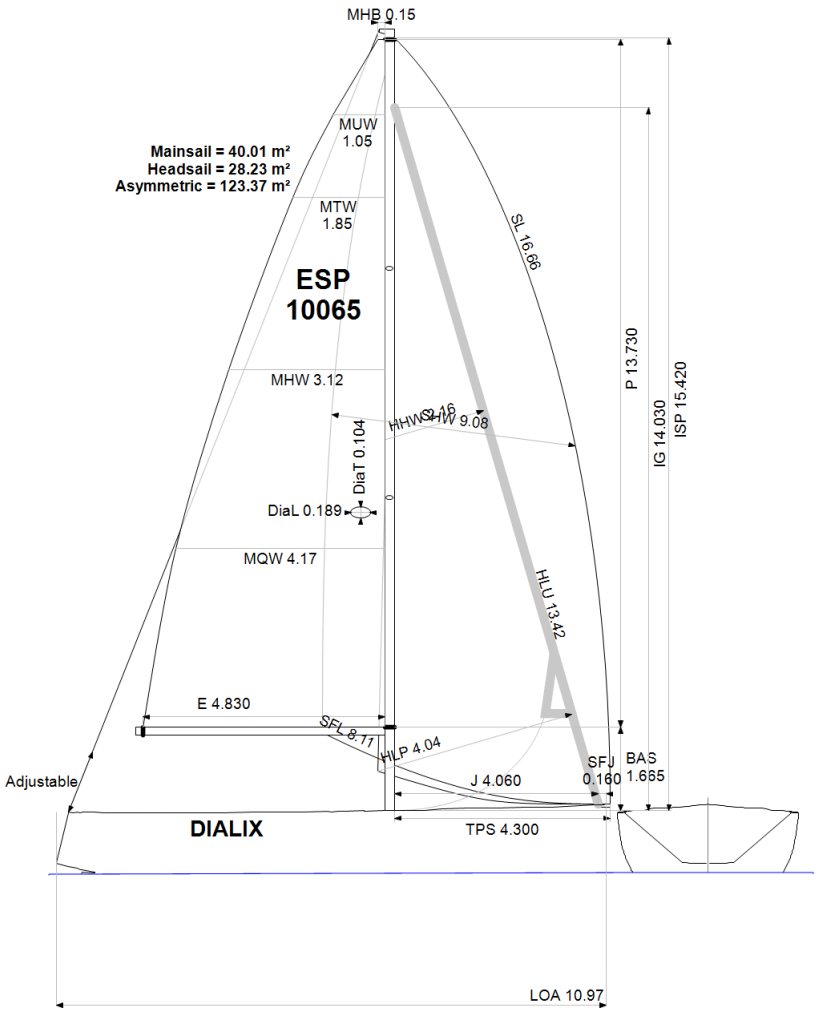
Club Certificate 2026

DIALIX
ESP-10065

Centre de Calcul FFVoile
Rue H.Bocquillon
75015 - PARIS
FRANCE

APH ToD: **548.9** CDL: **9.407**
APH ToT: **1.0930** CertNo: **26051a**



Rated boat velocities in knots									
Wind Velocity	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat Angles	46.8°	44.2°	41.9°	40.4°	39.3°	38.6°	38.3°	38.4°	39.2°
Beat VMG	2.27	3.28	4.03	4.60	4.98	5.16	5.25	5.30	5.25
52°	3.58	5.05	6.05	6.74	7.15	7.35	7.43	7.52	7.52
60°	3.87	5.35	6.33	6.97	7.34	7.55	7.65	7.75	7.77
75°	4.08	5.55	6.54	7.14	7.50	7.76	7.95	8.14	8.23
90°	4.17	5.82	6.91	7.45	7.68	7.85	8.07	8.48	8.71
110°	4.25	6.00	7.13	7.72	8.12	8.40	8.62	9.01	9.35
120°	4.12	5.86	7.03	7.66	8.11	8.53	8.92	9.48	9.98
135°	3.62	5.17	6.48	7.33	7.82	8.27	8.74	9.83	11.52
150°	2.99	4.36	5.51	6.54	7.30	7.73	8.10	8.89	10.00
Run VMG	2.59	3.77	4.77	5.67	6.34	6.78	7.17	7.82	8.66
Gybe Angles	139.0°	143.0°	147.4°	148.0°	152.3°	156.6°	160.9°	161.3°	141.8°

BOAT

Class	**DUFOUR 36 P**
Designer	**FELCI**
Builder	**DUFOUR**
Age date	**02/2011**
Series date	**01/2011**
Offset file	**DUF36E-N.OFF**
Data file	**ESP10065_26051a**

HULL

Length Overall	**10.970**
Maximum Beam	**3.624**
Draft	**2.207**
Displacement	**6 422**
DLR	**6.2201**
IMS Division	**Cruiser/Racer**
Dynamic Allowance	**0.240%**
Age Allowance	**0.487%**
RS Assessment	**-0.127%**

PROPELLER

Installation	**Strut**
Type	**Folding 2 blades**
Diameter	**0.400m**

CREW

Maximum weight	**699** (default)
Minimum weight	**569** ∗ *when applied*
Crew Arm Extension	

SAIL AREAS (m²)

	Measured	Rated
Mainsail	**40.01**	**40.88**
Headsail Luffed	**28.23**	**28.23**
Headsail Flying		
Symmetric		
Asymmetric	**123.37**	**123.37**

(All asymmetric spinnakers with SHW/SFL > 85%)

STORM SAIL AREAS Maximum (m²)

Trysail	**11.61**
Storm Jib	**9.94**
Heavy Weather Jib	**26.84**

SAIL LIMITS

Headsails	**5** ∗ *One set on the forestay*
Spinnakers	**4**

STABILITY

Righting Moment	**N/A**
Stability Index	**N/A**

COMMENTS

2026: NC /
2025: P, E, J, New Main /
2024: New Main & Small P /
DSPL + 472 kg! /

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.

ORC

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FFVoile

Time Allowances in secs/NM									
Wind Velocity	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat VMG	1589.1	1098.0	892.3	783.2	722.9	697.5	685.9	679.0	686.3
52°	1005.9	713.2	595.3	534.5	503.6	490.0	484.2	479.0	478.9
60°	931.3	673.4	568.6	516.7	490.2	476.8	470.4	464.4	463.3
75°	882.5	649.1	550.6	504.0	479.7	463.8	453.0	442.1	437.4
90°	863.6	618.1	520.7	483.2	468.8	458.3	446.1	424.6	413.1
110°	847.0	600.3	505.0	466.5	443.6	428.5	417.7	399.6	384.9
120°	874.3	613.9	511.8	470.0	444.0	422.0	403.6	379.9	360.6
135°	995.6	695.8	555.6	491.3	460.1	435.2	411.8	366.2	312.6
150°	1205.1	826.1	653.6	550.3	493.2	465.6	444.3	404.7	360.0
Run VMG	1391.5	953.9	754.8	635.4	567.5	530.7	502.4	460.5	415.7
Selected Courses									
Windward / Leeward	1490.3	1026.0	823.5	709.3	645.2	614.1	594.1	569.8	551.0
All purpose	1122.5	784.6	641.1	567.3	527.6	506.1	491.3	470.6	454.1

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	679.8	0.8826
All purpose	548.9	1.0930

Custom scoring options for France

Scoring Option	Time On Distance	Time On Time
Triple Number Coastal/Long Distance Low	712.8	0.8417
Triple Number Coastal/Long Distance Medium	544.9	1.1011
Triple Number Coastal/Long Distance High	487.2	1.2315
Triple Number Windward/Leeward Low	924.8	0.6488
Triple Number Windward/Leeward Medium	673.6	0.8907
Triple Number Windward/Leeward High	590.0	1.0170

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Data in **meters/kilograms (Metric)**

HULL AND APPENDAGES (Lightship Trim)

Class	**DUFOUR 36 P**	Length overall	**10.970**	VCGD	**0.133**	Centerboard weight	**N/A**
Measurement		Maximum beam	**3.624**	VCGM	**0.136**	List angle	**N/A**
HIN	**1650**	Draft	**2.207**	RM Rated (kg·m)	**136.1**	Canting keel angle	**N/A**
Plan review		Displacement	**6 422**	Limit of positive stability(°)	**N/A**		
Hull construction	**Solid**	Wetted area	**27.75**	Stability Index	**N/A**		
Carbon rudder	**No**	IMS L	**10.279**	BLR index	**N/A**		
Light stanchions	**No**	LSM0	**10.106**				
Trim tab	**No**	Accomod. length	**10.970**	Default crew weight	**699**		
		Sink (kg/mm)	**20.86**	Declared crew weight	**N/A**		

PROPELLER

Propeller Type	**Folding 2 blades**						
Installation	**Strut**	PRD	**0.400**	EDL	**1.200**	ST3	**0.180**
Twin screw	**No**	PBW		ST1	**0.042**	ST4	**0.112**
Hydro generator	**No**	PIPA	**0.0033**	ST2	**0.180**	ST5	**0.230**

RIG

Backstay	**Adjustable**	P	**13.730**	E	**4.830**	PY	**N/A**	Flying Headsail Foretriangles	
Forestay	**Fixed**	IG	**14.030**	J	**4.060**	MDT1Y	**N/A**		
Inner forestay	**Not installed**	ISP	**15.420**	BAS	**1.665**	MDL1Y	**N/A**	*Id*	*ISP*	*TPS*
Mast material	**Aluminum**	MDT1	**0.104**	FSD	**0.038**	MDT2Y	**N/A**			
Single headsail furler	**Yes**	MDL1	**0.189**	SFJ	**0.160**	MDL2Y	**N/A**			
Mainsail furler	**No**	MDT2	**0.104**	SPL		TLY	**N/A**			
Articulated bowsprit	**No**	MDL2	**0.189**	WPL		BASY	**N/A**			
Non-circular rigging	**No**	TL		TPS	**4.300**	EY	**N/A**			
Fiber rigging	**No**	MW	**0.189**	BD	**0.161**	BDY	**N/A**			
Base of mast	**Fixed**	GO	**0.209**	MWT		IY	**N/A**			
Running backstays	**No**			MCG		EB	**N/A**			
Checkstays	**No**									
Spreaders	**2**									
Rotating mast	**No**									

FLOTATION AND STABILITY

Calculation method	**VCG entered directly**	SFFP	**N/A**	SAFP	**N/A**
VCG entered	**0.133**	FFM	**N/A**	FAM	**N/A**
Flotation Date	**13/01/2015**	FF	**N/A**	FA	**N/A**
		LCFcl	**N/A**	LCFsh	**N/A**
		SG	**N/A**	HBI	**N/A**

INVENTORY

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MAINSAIL

Id	*MHB*	*MUW*	*MTW*	*MHW*	*MQW*	*Area*	*Meas.Date*	*Comment*
M3	0.15	1.05	1.85	3.12	4.17	40.01	01/03/2025	Race

HEADSAIL

Id	*HHB*	*HUW*	*HTW*	*HHW*	*HQW*	*HLP*	*HLU*	*Btn*	*Flying FT*	*Area*	*Meas.Date*	*Comment*
G 1		0.58	1.15	2.16	3.10	4.04	13.42	Yes	No	28.23	08/04/2020	

ASYMMETRIC SPINNAKER

Id	*SLU*	*SLE*	*SL*	*SHW*	*SFL*	*Ratio*	*Area*	*Meas.Date*	*Comment*
AS02	17.42	15.90	16.66	9.08	8.11	112%	123.37	10/02/2018	
A-0	17.30	15.60	16.45	9.08	8.11	112%	121.81	22/04/2018	
AS01	17.60	15.66	16.63	8.87	8.36	106%	121.51	10/02/2018	

NON MANUAL POWER CONTROLS (NMP)

Sheets	**No**	Mainsail cunningham	**No**	Jib track	**No**	Spinnaker retriever	**No**
Boomvang	**No**	Headsail cunningham	**No**	Tack line	**No**		
Outhaul	**No**	Main traveller	**No**	Halyards	**No**		

CRUISER/RACER REQUIREMENTS*

Accommodation length	**11.0 m**	Table area	**0.55 m²**	Headroom	**1.76 m**
Minimum number of berths	**5**	Personal gear stowage	**0.20 m³**	Fresh water capacity	**125 l**
Minimum number of seats in cockpit	**5**	Food stowage	**0.30 m³**	Fuel capacity	**70 l**
Cabin sole		Stoves		Sinks	
Galley gear stowage		Toilet		Wash basin	
Navigation area		Hanging locker			

**This list is a summary of the requirements. See IMS Appendix 1 for details.*