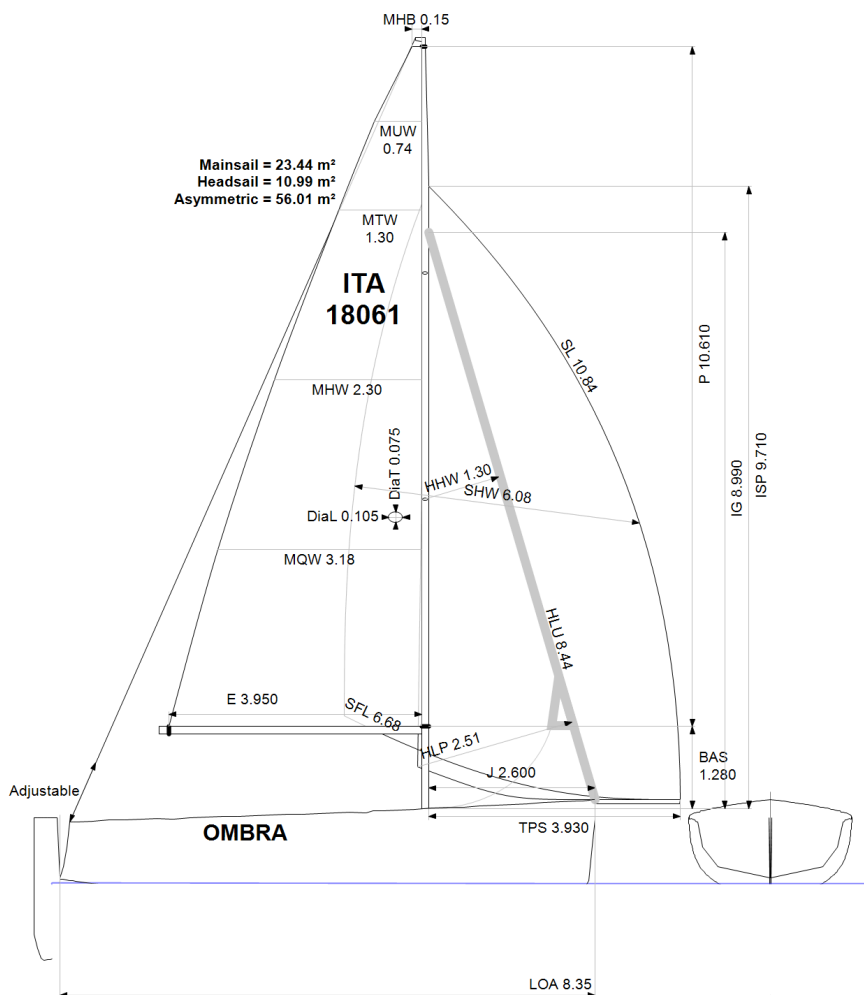


APH ToD: **556.5** CDL: **7.539**

APH ToT: **1.0782** CertNo: **25/1**



BOAT

Class **Didi 26**
Designer **Dix**
Builder **autocostruita**
Age date **02/2024**
Series date **05/2008**
Offset file **DIDI26CL.OFF**
Data file **118061**

HULL

Length Overall **8.352 m**
Maximum Beam **2.560 m**
Draft **1.612 m**
Displacement **1,000 kg**
DLR **2.0975**
IMS Division **Sportboat**
Dynamic Allowance **0.190%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **400 kg** (declared)
Minimum weight **270 kg** * when applied
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	23.44	23.78
Headsail Luffed	10.99	10.99

Headsail Flying
Symmetric
Asymmetric **56.01** **56.01**
(All asymmetric spinnakers with SHW/SFL > 85%)

STORM SAIL AREAS (m²)

Trysail **7.34**
Storm Jib **4.11**
Heavy Weather Jib **11.09**

SAIL LIMITS

Headsails **5** * One set on the forestay
* Woven polyester sails
Spinnakers **4**

STABILITY

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

COMMENTS

deriva mobile bloccata su massima profondità
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	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat Angles	44.1°	44.1°	41.6°	40.4°	40.4°	40.8°	41.2°	43.7°	47.4°
Beat VMG	2.37	3.32	4.05	4.38	4.48	4.52	4.52	4.40	4.06
52°	3.77	5.13	6.08	6.47	6.61	6.69	6.73	6.69	6.41
60°	4.08	5.46	6.38	6.77	6.94	7.05	7.12	7.13	6.93
75°	4.29	5.70	6.63	7.16	7.51	7.72	7.87	8.00	7.92
90°	4.57	5.95	6.75	7.27	7.90	8.37	8.66	9.05	9.24
110°	4.58	6.09	7.13	7.92	8.48	9.01	9.50	10.38	11.08
120°	4.36	5.90	7.05	8.05	8.94	9.61	10.24	11.39	12.42
135°	3.62	5.16	6.46	7.40	8.46	9.74	11.00	12.97	14.61
150°	2.97	4.29	5.48	6.46	7.31	8.22	9.37	12.18	15.37
Run VMG	2.57	3.71	4.75	5.60	6.33	7.12	8.12	10.55	13.31
Gybe Angles	140.8°	140.8°	144.4°	149.3°	149.4°	145.3°	142.9°	144.1°	148.5°

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	1516.5	1083.1	887.8	822.1	803.0	797.2	795.9	818.9	887.7
52°	953.7	701.1	591.8	556.2	544.2	538.4	535.1	538.3	561.5
60°	882.2	659.0	564.7	531.5	518.4	510.7	505.7	504.9	519.8
75°	840.0	631.9	543.2	502.7	479.1	466.4	457.3	449.8	454.4
90°	786.9	605.1	532.9	495.1	455.5	430.1	415.8	397.9	389.6
110°	786.6	591.5	504.6	454.5	424.4	399.5	378.8	346.9	324.9
120°	826.0	610.7	510.3	447.3	402.8	374.7	351.7	316.1	289.8
135°	993.9	697.1	557.1	486.8	425.4	369.7	327.2	277.5	246.3
150°	1213.6	839.4	656.9	557.1	492.7	437.7	384.1	295.6	234.2
Run VMG	1401.4	969.3	758.5	643.2	568.9	505.5	443.5	341.4	270.5
Selected Courses									
Windward / Leeward	1458.9	1026.2	823.2	732.7	686.0	651.3	619.7	580.1	579.1
All purpose	1079.9	779.1	641.0	578.1	541.2	514.4	492.5	466.2	464.0

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	707.2	0.8484
All purpose	556.5	1.0782

Data in meters/kilograms (Metric)

HULL AND APPENDAGES (Lightship Trim)

Class	Didi 26	LOA	8.352	VCGD	-0.112
Measurement	01/05/2008	Max. Beam	2.560	VCGM	0.000
HIN		Draft	1.612	RM Rated (kg·m)	19.1
Plan review		Displacement	1,000	Limit of positive stability(°)	N/A
Hull construction	Cored	Wetted area	12.05	Stability Index	N/A
Carbon rudder	No	IMS L	8.162	Default crew weight	484
Light stanchions	No	LSM0	7.812	Declared crew weight	400
Trim tab	No	Acc. length	8.320		
		Sink (kg/mm)	8.80		

PROPELLER

Propeller Type	No Propeller
Hydro generator	No

RIG

Forestay tension	Aft	P	10.610	E	3.950
Inner stay	None Fitted	IG	8.990	J	2.600
Mast material	Aluminum	ISP	9.710	BAS	1.280
Single headsail furler	Yes	MDT1	0.075	FSD	Foil
Mainsail furler	No	MDL1	0.105	SFJ	
Articulated bowsprit	No	MDT2		SPL	
Non-circular rigging	No	MDL2		WPL	
Fiber rigging	Yes	TL	Taper	TPS	3.930
Adjustable mast foot	No	MW	0.105	BD	0.120
Running backstays	0	GO	0.125	MWT	
Checkstays	0			MCG	
Spreaders	2				
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method	VCG entered directly
VCG entered	-0.112
Flotation Date	29/02/2024

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	0.74	1.30	2.30	3.18	23.44	29/02/2024	

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	0.36	0.74	1.30	1.93	2.51	8.44	Yes	No	10.99	25/03/2025	

ASYMMETRIC SPINNAKER

<i>Id</i>	<i>SLU</i>	<i>SLE</i>	<i>SL</i>	<i>SHW</i>	<i>SFL</i>	<i>Ratio</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	11.60	10.08	10.84	6.08	6.68	91%	56.01	29/02/2024	

CRUISER/RACER REQUIREMENTS*

Accommodation length	8.3 m	Table area	0.33 m²	Headroom	1.40 m
Minimum number of berths	3	Personal gear stowage	0.12 m³	Fresh water capacity	35 l
Minimum number of seats in cockpit	3	Food stowage	0.18 m³	Fuel capacity	20 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.

APH ToD: **618.4** CDL: **6.894**

APH ToT: **0.9702** CertNo: **25/1**

BOAT

Class **Didi 26**
Designer **Dix**
Builder **autocostruita**
Age date **02/2024**
Series date **05/2008**
Offset file **DIDI26CL.OFF**
Data file **118061**

HULL

Length Overall **8.352 m**
Maximum Beam **2.560 m**
Draft **1.612 m**
Displacement **1,000 kg**
DLR **2.0975**
IMS Division **Sportboat**
Dynamic Allowance **0.270%**
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

SAIL AREAS (m²)

	Measured	Rated
Mainsail	23.44	23.78
Headsail Luffed	10.99	10.99
Headsail Flying		
Symmetric		
Asymmetric		

STORM SAIL AREAS (m²)

Trysail **7.34**
Storm Jib **4.11**
Heavy Weather Jib **11.09**

SAIL LIMITS

Headsails **1** * One set on the forestay
* Zero set flying
* Woven polyester sails
Spinnakers **0** * No spinnaker pole aboard

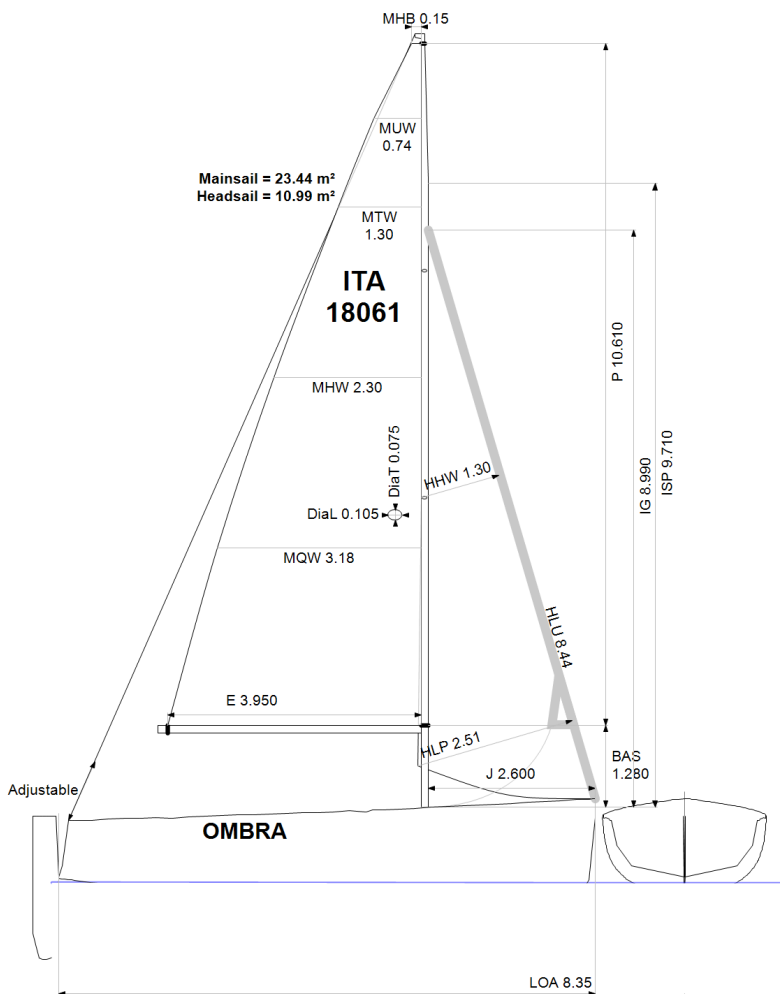
STABILITY

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

COMMENTS

deriva mobile bloccata su massima profondità

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	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat Angles	43.7°	43.7°	41.6°	41.7°	42.5°	43.3°	44.1°	48.1°	54.1°
Beat VMG	2.48	3.34	3.90	4.06	4.09	4.07	4.02	3.73	3.17
52°	3.88	5.14	5.90	6.13	6.22	6.24	6.22	5.96	5.15
60°	4.16	5.47	6.25	6.49	6.59	6.64	6.65	6.52	6.05
75°	4.41	5.78	6.61	6.96	7.15	7.29	7.37	7.35	7.15
90°	4.34	5.74	6.66	7.28	7.70	7.96	8.16	8.38	8.43
110°	3.55	5.06	6.30	7.07	7.84	8.60	9.09	9.80	10.20
120°	3.23	4.68	5.95	6.81	7.59	8.47	9.42	10.75	11.53
135°	2.70	3.98	5.18	6.20	6.92	7.66	8.54	10.65	12.92
150°	2.24	3.34	4.41	5.39	6.25	6.89	7.54	9.14	11.09
Run VMG	1.95	2.90	3.82	4.73	5.59	6.36	6.98	8.35	10.00
Gybe Angles	145.3°	145.3°	146.7°	173.9°	176.6°	180.0°	180.0°	180.0°	180.0°

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	1453.4	1078.3	922.8	887.5	880.5	883.9	896.5	965.0	1134.4
52°	926.7	700.6	610.4	587.4	579.1	576.9	579.2	604.4	698.4
60°	865.8	657.8	575.9	554.7	545.9	542.0	541.1	552.1	594.7
75°	817.2	622.5	544.7	517.4	503.2	493.9	488.7	490.1	503.8
90°	828.6	626.8	540.2	494.6	467.6	452.4	441.4	429.5	427.3
110°	1015.4	711.9	571.1	509.2	459.1	418.8	395.9	367.2	352.9
120°	1116.2	769.1	604.9	528.5	474.6	425.2	382.4	334.9	312.2
135°	1332.5	905.6	695.0	580.7	520.1	469.8	421.4	338.1	278.7
150°	1604.2	1076.4	815.8	668.0	576.3	522.6	477.6	393.9	324.8
Run VMG	1845.0	1242.9	942.0	761.6	643.8	566.1	515.8	431.3	360.1
Selected Courses									
Windward / Leeward	1645.1	1160.6	932.4	824.6	762.1	725.0	706.1	698.2	747.2
All purpose	1216.2	870.4	710.7	639.1	597.8	571.3	554.1	540.8	566.1

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	795.3	0.7544
All purpose	618.4	0.9702

Data in meters/kilograms (Metric)

HULL AND APPENDAGES (Lightship Trim)

Class	Didi 26	LOA	8.352	VCGD	-0.112
Measurement	01/05/2008	Max. Beam	2.560	VCGM	0.000
HIN		Draft	1.612	RM Rated (kg·m)	19.1
Plan review		Displacement	1,000	Limit of positive stability(°)	N/A
Hull construction	Cored	Wetted area	12.05	Stability Index	N/A
Carbon rudder	No	IMS L	8.036	Default crew weight	484
Light stanchions	No	LSM0	7.812	Declared crew weight	240
Trim tab	No	Acc. length	8.320		
		Sink (kg/mm)	8.80		

PROPELLER

Propeller Type	No Propeller
Hydro generator	No

RIG

Forestay tension	Aft	P	10.610	E	3.950
Inner stay	None Fitted	IG	8.990	J	2.600
Mast material	Aluminum	ISP	9.710	BAS	1.280
Single headsail furler	Yes	MDT1	0.075	FSD	Foil
Mainsail furler	No	MDL1	0.105	SFJ	
Articulated bowsprit	No	MDT2		SPL	
Non-circular rigging	No	MDL2		WPL	
Fiber rigging	No	TL	Taper	TPS	
Adjustable mast foot	No	MW	0.105	BD	0.120
Running backstays	0	GO	0.125	MWT	
Checkstays	0			MCG	
Spreaders	2				
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method	VCG entered directly
VCG entered	-0.112
Flotation Date	29/02/2024

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	0.74	1.30	2.30	3.18	23.44	29/02/2024	

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	0.36	0.74	1.30	1.93	2.51	8.44	Yes	No	10.99	25/03/2025	

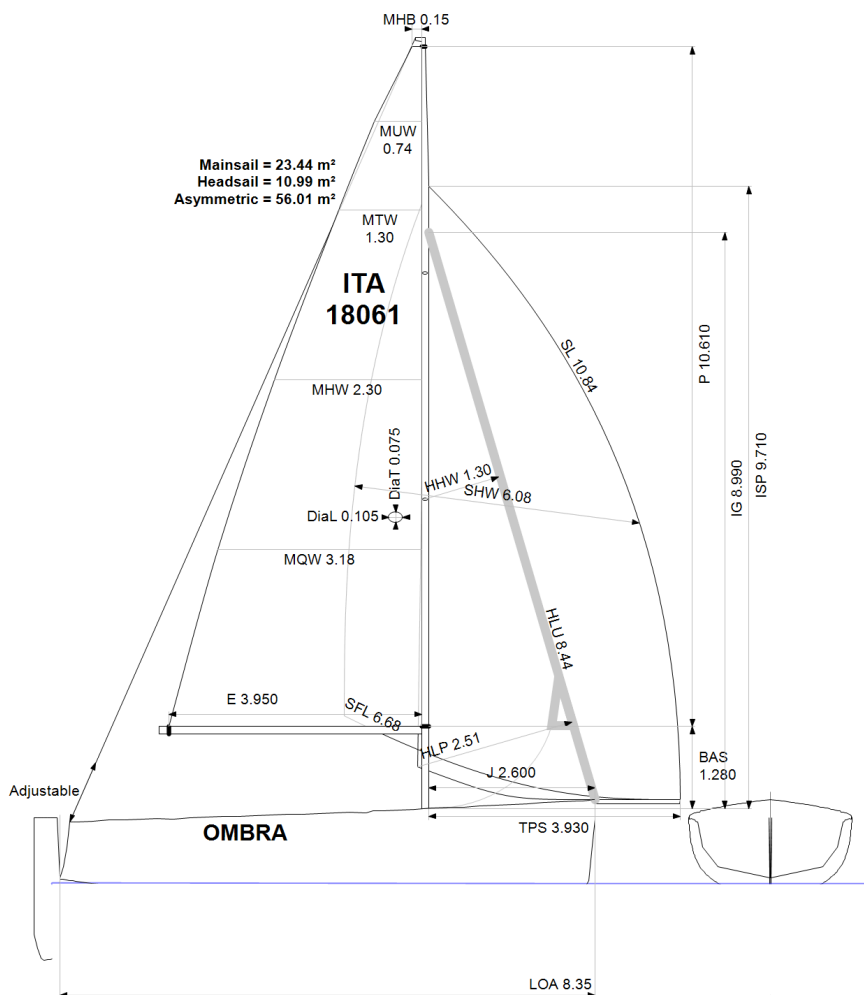
CRUISER/RACER REQUIREMENTS*

Accommodation length	8.3 m	Table area	0.33 m²	Headroom	1.40 m
Minimum number of berths	3	Personal gear stowage	0.12 m³	Fresh water capacity	35 l
Minimum number of seats in cockpit	3	Food stowage	0.18 m³	Fuel capacity	20 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.

APH ToD: **603.7** CDL: **6.493**

APH ToT: **0.9939** CertNo: **25/1**



BOAT

Class **Didi 26**
Designer **Dix**
Builder **autocostruita**
Age date **02/2024**
Series date **05/2008**
Offset file **DIDI26CL.OFF**
Data file **118061**

HULL

Length Overall **8.352 m**
Maximum Beam **2.560 m**
Draft **1.612 m**
Displacement **1,000 kg**
DLR **2.0975**
IMS Division **Sportboat**
Dynamic Allowance **0.210%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **160 kg** (declared)
Minimum weight **120 kg** * when applied
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	23.44	23.78
Headsail Luffed	10.99	10.99
Headsail Flying		
Symmetric		
Asymmetric	56.01	56.01

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

STORM SAIL AREAS (m²)

Trysail **7.34**
Storm Jib **4.11**
Heavy Weather Jib **11.09**

SAIL LIMITS

Headsails **5** * One set on the forestay
* Woven polyester sails
Spinnakers **4**

STABILITY

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

COMMENTS

deriva mobile bloccata su massima profondità
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	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat Angles	43.7°	43.7°	42.6°	42.4°	43.4°	44.5°	45.6°	50.8°	48.0°
Beat VMG	2.55	3.30	3.71	3.82	3.82	3.77	3.66	3.28	1.51
52°	3.97	5.09	5.65	5.84	5.89	5.86	5.78	2.22	2.25
60°	4.25	5.43	6.03	6.24	6.32	6.34	6.31	6.02	2.54
75°	4.42	5.75	6.49	6.75	6.90	6.99	7.04	6.95	6.66
90°	4.30	5.72	6.65	7.14	7.45	7.67	7.83	7.97	7.94
110°	4.70	6.08	6.87	7.39	7.84	8.28	8.75	9.34	9.69
120°	4.47	5.99	7.04	7.72	8.29	8.82	9.31	10.19	10.87
135°	3.80	5.35	6.64	7.65	8.72	9.69	10.40	11.69	12.85
150°	3.06	4.43	5.66	6.63	7.61	8.72	9.94	12.57	15.13
Run VMG	2.65	3.84	4.90	5.75	6.59	7.56	8.61	10.88	13.43
Gybe Angles	140.2°	140.2°	144.2°	150.4°	147.6°	146.3°	147.1°	149.2°	152.4°



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	1412.9	1090.2	970.2	941.8	941.8	956.0	983.2	1096.7	2390.6
52°	905.8	707.3	637.0	616.9	611.5	614.6	622.4	1618.0	1600.3
60°	847.7	662.6	596.9	577.0	569.5	567.9	570.1	597.5	1418.1
75°	814.2	626.0	554.4	533.4	522.0	514.8	511.3	517.9	540.7
90°	837.3	629.6	541.6	504.0	483.2	469.3	460.1	451.5	453.4
110°	766.0	592.5	524.0	487.5	459.3	434.7	411.4	385.6	371.6
120°	804.5	600.9	511.5	466.2	434.5	408.3	386.6	353.4	331.1
135°	946.5	672.7	542.4	470.6	413.0	371.6	346.1	308.0	280.2
150°	1176.2	811.9	636.1	542.7	472.9	412.6	362.0	286.4	238.0
Run VMG	1358.0	937.5	734.5	626.4	546.0	476.5	418.0	330.7	268.1
Selected Courses									
Windward / Leeward	1378.6	1013.9	852.4	784.1	743.9	716.3	700.6	713.7	1329.3
All purpose	1036.6	774.5	662.0	614.5	585.7	566.2	554.9	628.7	934.6

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	764.9	0.7844
All purpose	603.7	0.9939

Data in meters/kilograms (Metric)

HULL AND APPENDAGES (Lightship Trim)

Class	Didi 26	LOA	8.352	VCGD	-0.112
Measurement	01/05/2008	Max. Beam	2.560	VCGM	0.000
HIN		Draft	1.612	RM Rated (kg·m)	19.1
Plan review		Displacement	1,000	Limit of positive stability(°)	N/A
Hull construction	Cored	Wetted area	12.05	Stability Index	N/A
Carbon rudder	No	IMS L	7.957	Default crew weight	170
Light stanchions	No	LSM0	7.812	Declared crew weight	160
Trim tab	No	Acc. length	8.320		
		Sink (kg/mm)	8.80		

PROPELLER

Propeller Type	No Propeller
Hydro generator	No

RIG

Forestay tension	Aft	P	10.610	E	3.950
Inner stay	None Fitted	IG	8.990	J	2.600
Mast material	Aluminum	ISP	9.710	BAS	1.280
Single headsail furler	Yes	MDT1	0.075	FSD	Foil
Mainsail furler	No	MDL1	0.105	SFJ	
Articulated bowsprit	No	MDT2		SPL	
Non-circular rigging	No	MDL2		WPL	
Fiber rigging	No	TL	Taper	TPS	3.930
Adjustable mast foot	No	MW	0.105	BD	0.120
Running backstays	0	GO	0.125	MWT	
Checkstays	0			MCG	
Spreaders	2				
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method	VCG entered directly
VCG entered	-0.112
Flotation Date	29/02/2024

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	0.74	1.30	2.30	3.18	23.44	29/02/2024	

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	0.36	0.74	1.30	1.93	2.51	8.44	Yes	No	10.99	25/03/2025	

ASYMMETRIC SPINNAKER

<i>Id</i>	<i>SLU</i>	<i>SLE</i>	<i>SL</i>	<i>SHW</i>	<i>SFL</i>	<i>Ratio</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	11.60	10.08	10.84	6.08	6.68	91%	56.01	29/02/2024	

CRUISER/RACER REQUIREMENTS*

Accommodation length	8.3 m	Table area	0.33 m²	Headroom	1.40 m
Minimum number of berths	3	Personal gear stowage	0.12 m³	Fresh water capacity	35 l
Minimum number of seats in cockpit	3	Food stowage	0.18 m³	Fuel capacity	20 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.