

6 Modern

INTERNATIONAL SIX METRE CLASS

Yacht's Name Momo ISAF N° _____
 National letters and Sail Number SUI-142 Club SCSM & YCCSmeralda
 Designer Vroelick Design year 2021
 Builder Ch.Wilke Building Year 2021
 Owner Dieter Schoen
 Owner's Address _____

Lloyds R class certificate (Number or Date) GR Perrin

RATING CERTIFICATE		Salt Water 1.025 kg/dm ³
This yacht has been measured by measurer(s) approved by this Authority and has been found to rate not more than 6.000 metres or 6.03m if in fresh water		
		Immersion salt/fresh water = [m] 0,012
This certificate is dated	<u>25.04.22</u>	Founex
and its validity confirmed by	<u>G.R.Perrin</u>	
for	<u>Swiss Sailing</u>	
Valid until	<u>24-Apr-26</u>	
Supersedes		(enter former certif. number or date)
Signature <u>GR Perrin</u>	Stamp of Authority Im Swiss Sailing-Register eingetragen am	
Comments :	- 9. Juni 2022	

OVERALL LENGTH			10,240
Overhang Forward to L1		0,794	
Overhang Aft to L1		1,772	
Total Overhang (Subtract)		2,566	
MEASURED LENGTH (L1 L1)			7,683
Girth at Bow		0,794	
Twice vertical Height at Bow (Subtract)		0,600	
O at Bow		0,194	
Add 1 1/2 O at Bow (min 0.270 m)		0,291	
Girth at Stern		2,297	
Twice vertical Height at Stern (Subtract)		1,234	
O at Stern		1,063	
Add 1/3 O at Stern (min 0.200 m)		0,354	
Add any penalty (Displ. & Beam)		0,000	
CORRECT LENGTH L			8,328
Skin d to d1 Port		1,197	
Chain d to d1 Port		1,196	
d Port		0,001	
Skin d to d1 Starboard		1,197	
Chain d to d1 Starboard		1,196	
d Starboard		0,001	
Add d		0,002	
Add GIRTH 2 d			0,004
Mean Freeboard Bow O	Actual	0,780	0,780
Mean Freeboard Midship d	Actual	0,738	0,738
Mean Freeboard Stern O	Actual	0,707	0,707
Sum of Freeboards			2,225
Subtract FREEBOARD, F (max 0.730 if build after 1934)			0,730
Add SAIL AREAS (Square root)			6,571
TOTAL OF MEASUREMENTS			14,173
PENALTY (Draught)			0,013
RATING			5,99

GR Perrin

Yacht's name : Momo SU1-142 6m

25.avr.22

PENALTIES

Overhang Forward to L	1,024	Overhang Aft to L	2,084
Subtract from overall length			3,108
Difference of imersion from salt to fresh water (m)			0,012
Appendix A delta			
WATERLINE LENGTH			
Minimum Displacement for Zero Penalty [m3]			3,931
Minimum Weight for Zero Penalty [ton] (Water of sg 1.025)			4,029
DISPLACEMENT (by weighing)			
Equivalent LWL (for Displ. < min.)	7,170	Difference	4,074
DISPLACEMENT PENALTY (add to L)			0,000
DRAUGHT (actual)			
Max. Draught for Zero Penalty	1,643	Difference (if positive)	1,647
DRAUGHT PENALTY (add to Rating)			0,004
BEAM (Min)			
Max Beam at 1/3 of Midship Freeboard	1,845	Difference (if positive)	1,830
BEAM PENALTY (add to L, for yacht build or designed after sept 1937)			0,013
Tumblehome Max. (2 x 2% of Extr. Beam)			0,000
Extreme Beam	1,845	Beam at deck	0,074
Difference (if positive)			1,845
TUMBLEHOME PENALTY (add to Rating)			0,000

SAIL PLAN

Max Height of Sail Plan (Max 13.00m)	13,000	J=	3,425	I=	9,750
Boom Heigth =	0,400	A=	12,600	B=	4,600
Rated Foretriangle Area	14,192	Rated Mainsail Area	28,980		
TOTAL RATED SAIL AREA	43,172	SQRT(S)	6,571	110% J	3,768
SAIL LIMITS					
Mainsail:	max girth at 1/2 height 67%	3,082	Max girth at 3/4 height 39%	1,794	
Genoa:	max. foot length (J + 3m)	6,425	Spi boom =	3,425	
Spinnaker:	max. luff length	10,767	foot max breadth (250% J)	8,563	

SPARS MEASUREMENTS

MAST CG position (from meas. point)	5,255	Mast Weight	63,50	Material	Alu
Mast dimensions [mm]	Deck 126x160	Half-Height 126x160	Jib-Halyard 126x160	Head 084x063	Builder Zalonghi
Mast section area [cm ²]	166	166	166	44	
Mast section ratio (Max 1.35)	1,27	1,27	1,27	1,33	

DECK MEASUREMENTS

Cockpit dimensions (max 2.70m2)	Length 0,000	Aft width 0,000	Front width 0,000	Area 0,000	Dist. to sheerline
Hatch dimensions (max 0.4 m2)					
Spi boom recess on deck	Length	Width	Depth		
Date and place of Measurement	25.04.2022 Founex		Im Swiss Sailing-Register eingetragen am		
Measurer's Name(s)	G.R.Perrin		- 9. Juni 2022		
Measurer recognised by : (enter National Authority)	Swiss Sailing				
Measurer's signature					

G.R.P.