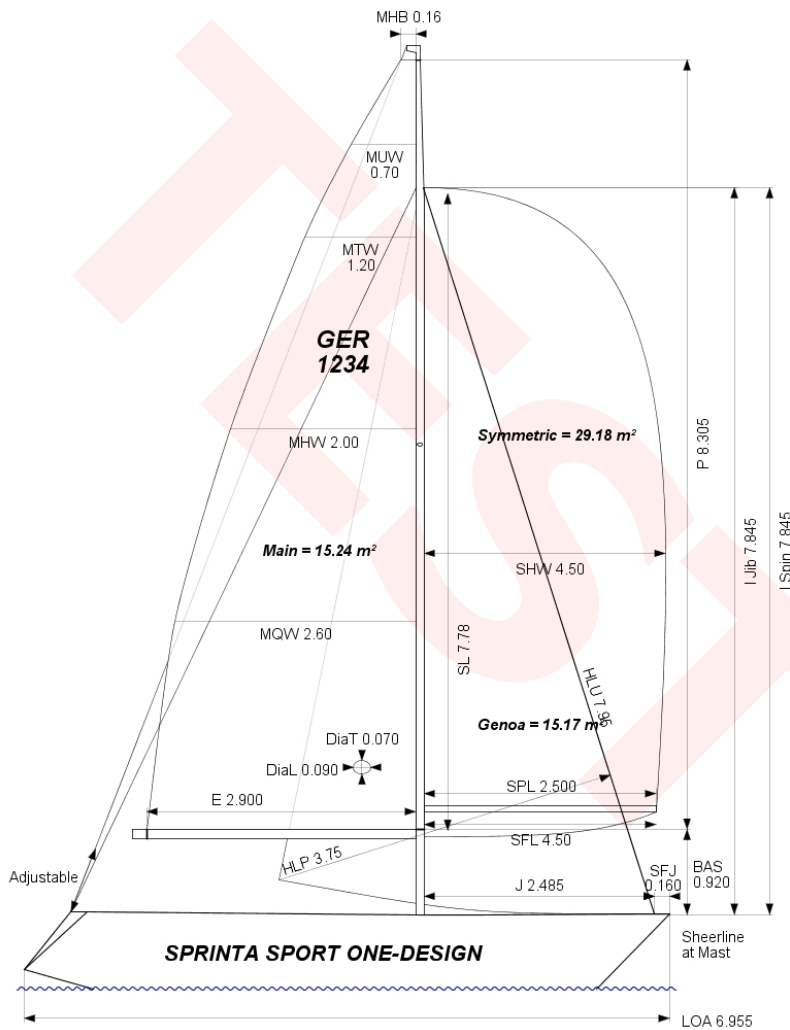




World Leader in Rating Technology

2019 (Test) ORC Club One Design Certificate



Rating Office

Certificate

Number **SPRSP**
 Issued On **15/01/2019**
 ORC Ref **N/A**
 VPP Ver. **2019 1.01**

Invalid for Racing

Crew Weight

Default 294kg
 Maximum **340kg**
 Minimum* **255kg**
*when applied by the NoR and SI
 Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	771.6	0.7776
Non Spin OSN	748.9	0.8012

Sails Limitations

Headsails **5** Spinnakers **3**

Spinnaker configuration

Symmetric: **Yes 29.18**
 Asymmetric: **No**
 Flying H/S: **No**
 Spin. Pole: **Yes**

Class Division Length

CDL = 5.850

Stability (Estimated)

Limit Positive Stab.: **119.3°**
 Stability Index: **111.6**

Owner

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature

BOAT	GPH	HULL
Name SPRINTA SPORT ONE- Sail Nr GER 1234	750.1	Data File Sprinta Sport LOA 6.955m Offset File sprinta.OD MB 2.394m Displacement 1,244kg Draft 1.425m
CLASS		IMS Division Cruiser/Racer Dynamic All. 0.009% Fwd Accom. No Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
Class SPRINTA-SPORT OD Designer DEHLER/V.D.STADT Builder DEHLER Series 01/1977 Age Date 01/1982 Age Allowance 0.487%		IMSL 5.687m VCGD -0.035m Sink 6.91kg/mm RL 6.012m VCGM -0.029m WS 9.43m² LSMO 5.513m Displacement/Length ratio 7.4243
COMMENTS		Water Ballast 0 Trim Tab No BLR Index 0.0000
PROPELLER		CENTERBOARD
Type No Propeller		N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	730.5	806.1
Time on Time	0.8213	0.8373
Triple Number	Low Medium High	Low Medium High
Time on Distance	838.2 670.9 610.1	1066.9 805.9 723.6
Time on Time	0.8053 1.0061 1.1063	0.6327 0.8376 0.9329



World Leader in Rating Technology

2019 (Test)

ORC Club Certificate Appendix

BOAT			
Name	SPRINTA SPORT ONE-	Certificate Number	SPRSP
Sail Nr	GER 1234	Issued On	15/01/2019

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1180.3	997.5	896.0	861.2	851.3	849.5	860.4
52°	787.1	682.0	644.4	625.9	618.7	615.5	616.6
60°	748.3	663.7	632.4	611.7	600.7	595.5	593.8
75°	724.4	652.5	621.7	596.7	576.5	564.8	557.1
90°	733.4	652.5	612.7	583.2	566.9	547.9	525.6
110°	754.5	651.7	609.8	573.9	543.3	520.3	496.0
120°	781.8	663.5	618.6	583.1	550.3	522.1	478.3
135°	865.8	713.1	642.7	606.5	572.7	542.4	489.3
150°	1004.0	807.3	689.5	636.0	602.9	571.4	517.6
Run VMG	1159.4	930.5	787.8	690.4	639.3	606.7	548.7

Selected Courses							
Windward / Leeward	1169.9	964.0	841.9	775.8	745.3	728.1	704.6
Circular Random	1010.9	826.1	729.1	674.1	641.1	619.9	593.8
Coastal / Long Distance	1168.8	910.5	770.2	694.8	655.5	622.0	565.8
Non Spinnaker	1048.2	852.7	749.4	690.5	654.9	632.1	603.9

Velocity Prediction in Knots for True Wind Speeds							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	40.8°	40.9°	38.4°	37.3°	37.0°	37.1°	38.1°
Beat VMG	3.05	3.61	4.02	4.18	4.23	4.24	4.18
52°	4.57	5.28	5.59	5.75	5.82	5.85	5.84
60°	4.81	5.42	5.69	5.89	5.99	6.05	6.06
75°	4.97	5.52	5.79	6.03	6.24	6.37	6.46
90°	4.91	5.52	5.88	6.17	6.35	6.57	6.85
110°	4.77	5.52	5.90	6.27	6.63	6.92	7.26
120°	4.60	5.43	5.82	6.17	6.54	6.90	7.53
135°	4.16	5.05	5.60	5.94	6.29	6.64	7.36
150°	3.59	4.46	5.22	5.66	5.97	6.30	6.95
Run VMG	3.11	3.87	4.57	5.21	5.63	5.93	6.56
Gybe Angles	149.5°	153.4°	157.0°	180.0°	180.0°	180.0°	180.0°