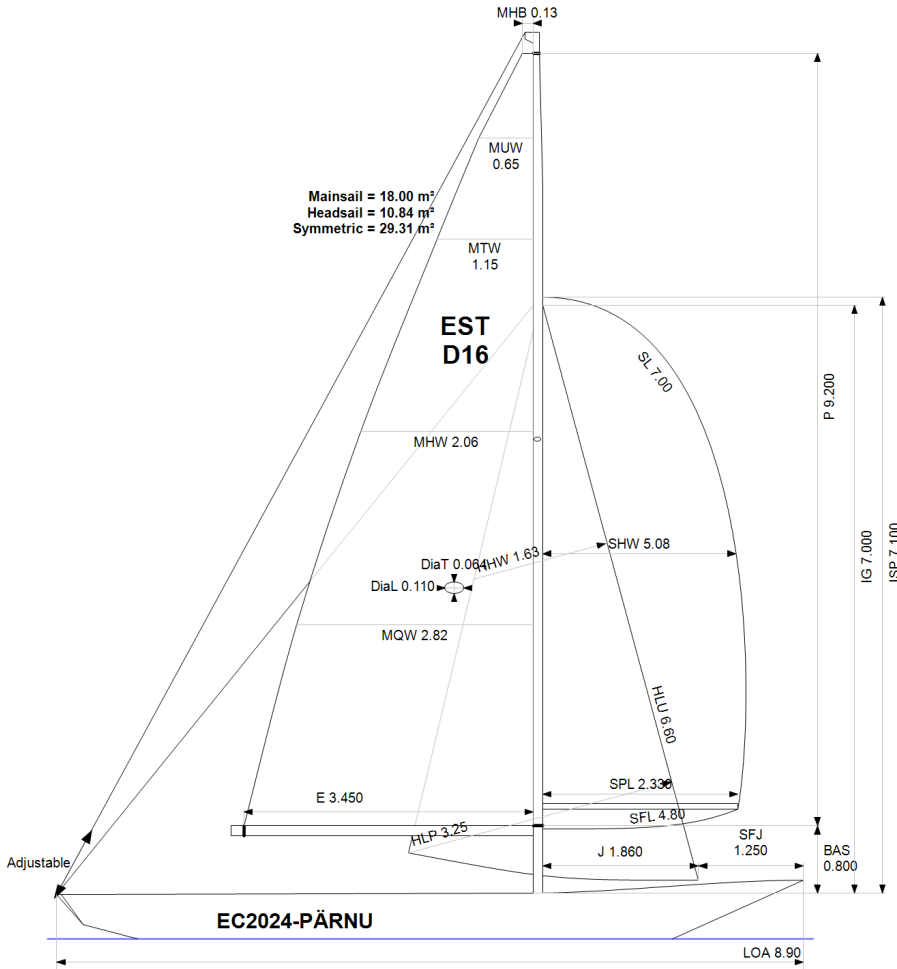


GPH = 754.2 CDL = 6.003



BOAT

Class **DRAGON**
Designer **Anker**
Builder **--**
Age Date **01/1974**
Series Date **01/1929**
Offset File **draakims.off**

HULL

Length Overall **8.900 m**
Maximum Beam **1.940 m**
Draft **1.193 m**
Displacement **1,700 kg**
DLR **9.5746**
IMS Division **Performance**
Dynamic Allowance **0.338%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **285 kg**
Minimum weight **200 kg** * when applied
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	18.00	18.29
Headsail Luffed	10.84	10.84
Headsail Flying		
Symmetric	29.31	29.31
Asymmetric		

SAIL LIMITATIONS

Headsails **5** * Woven polyester sails
Spinnakers **4**

STABILITY

Righting Moment **19.1 kg·m**
Stability Index **N/A**

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	43.1°	41.4°	41.3°	40.7°	40.1°	40.3°	40.6°
Beat VMG	2.76	3.36	3.85	4.10	4.20	4.23	4.21
52°	4.22	5.06	5.69	5.99	6.10	6.15	6.15
60°	4.47	5.33	5.87	6.17	6.33	6.39	6.42
75°	4.65	5.51	6.01	6.30	6.57	6.75	6.85
90°	4.74	5.71	6.22	6.49	6.63	6.90	7.31
110°	4.70	5.70	6.22	6.62	7.02	7.29	7.64
120°	4.48	5.53	6.12	6.51	6.91	7.30	8.01
135°	3.93	4.92	5.81	6.25	6.61	7.00	7.82
150°	3.38	4.29	5.16	5.89	6.28	6.63	7.35
Run VMG	2.93	3.73	4.48	5.22	5.82	6.22	6.89
Gybe Angles	149.0°	154.0°	152.0°	162.0°	180.0°	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	1304.5	1072.6	936.1	877.4	858.0	850.4	854.5
52°	853.2	711.2	632.9	601.0	589.7	584.9	585.3
60°	805.5	675.7	613.1	583.5	568.8	563.4	560.8
75°	775.0	653.1	599.4	571.1	548.1	533.5	525.4
90°	759.8	630.8	578.4	554.4	543.3	522.0	492.6
110°	765.6	631.6	578.4	543.7	512.8	493.6	471.3
120°	802.7	651.1	588.1	553.1	521.0	493.1	449.2
135°	915.2	731.4	619.6	576.0	544.3	514.6	460.6
150°	1065.5	838.6	697.9	611.3	573.0	543.3	489.6
Run VMG	1230.4	965.7	804.4	689.2	618.3	579.1	522.2
Selected Courses							
Windward / Leeward	1267.4	1019.1	870.2	783.3	738.1	714.8	688.4
All purpose	971.3	791.1	692.1	640.2	610.9	592.4	569.0

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	827.8	0.7248
All purpose	668.0	0.8982

Custom scoring options for Estonia

Single Number	Time On Distance	Time On Time
Coastal/Long Distance	730.7	0.8212
Triple Number Coastal/Long Distance Low	881.2	0.6809
Triple Number Coastal/Long Distance Medium	662.8	0.9053
Triple Number Coastal/Long Distance High	588.2	1.0200
Triple Number Windward/Leeward Low	1143.3	0.5248
Triple Number Windward/Leeward Medium	820.7	0.7311
Triple Number Windward/Leeward High	710.7	0.8442

Performance Curve	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Coastal/Long Distance	1263.7	955.1	782.1	684.2	636.4	599.1	537.6

