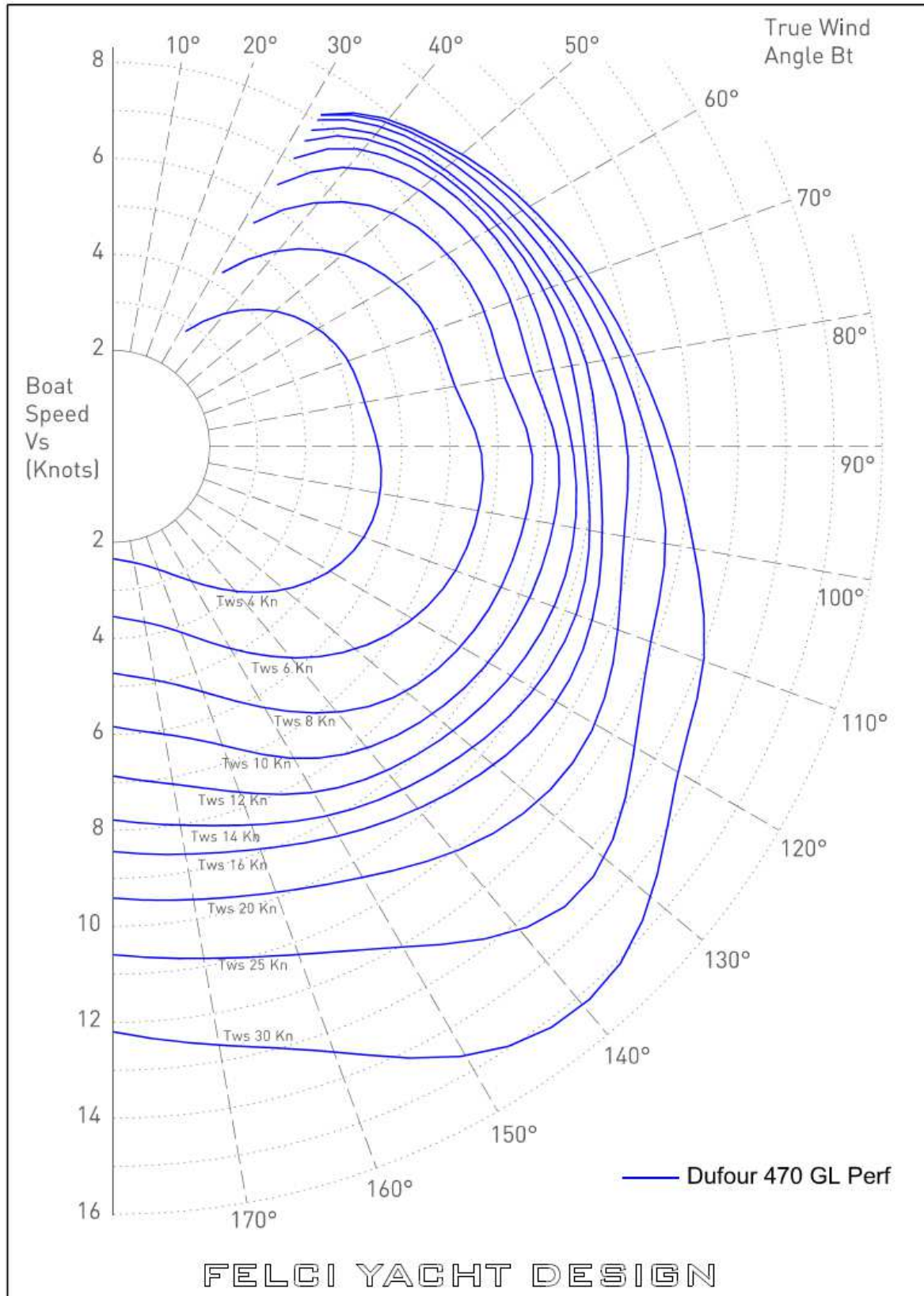


**DUFOUR 470 GL
PERFORMANCE**

VELOCITY PREDICTION PROGRAM ANALISYS



FELCI YACHT DESIGN

FELCI YACHTDESIGN

Best Boatspeeds (kt)

	4	6	8	10	12	14	16	20	25	30
32.0	2.71	4.09	5.25	6.14	6.75	7.15	7.40	7.65	7.75	7.75
36.0	3.11	4.63	5.85	6.76	7.32	7.63	7.82	8.01	8.13	8.17
40.0	3.47	5.09	6.34	7.25	7.70	7.95	8.10	8.28	8.41	8.47
45.0	3.86	5.56	6.85	7.65	8.03	8.24	8.37	8.55	8.66	8.75
52.0	4.31	6.07	7.33	8.00	8.35	8.54	8.65	8.85	9.01	9.12
60.0	4.68	6.47	7.64	8.23	8.60	8.81	8.94	9.16	9.37	9.51
70.0	4.95	6.77	7.82	8.38	8.78	9.08	9.25	9.52	9.78	9.98
80.0	5.05	6.86	7.87	8.42	8.84	9.20	9.51	9.87	10.18	10.44
90.0	4.97	6.77	8.00	8.63	8.95	9.19	9.57	10.17	10.60	11.00
100.0	4.91	6.93	8.09	8.69	9.10	9.34	9.55	10.23	11.08	11.63
110.0	4.92	6.90	8.01	8.62	9.10	9.50	9.78	10.22	11.18	12.37
120.0	4.69	6.57	7.78	8.44	8.96	9.46	9.91	10.57	11.32	12.41
135.0	3.93	5.71	7.13	7.99	8.57	9.06	9.56	10.65	12.42	13.84
150.0	3.10	4.65	6.01	7.17	7.93	8.46	8.91	9.83	11.36	13.77
160.0	2.62	3.96	5.23	6.36	7.35	8.03	8.53	9.43	10.71	12.75
170.0	2.38	3.60	4.79	5.89	6.90	7.70	8.26	9.15	10.31	12.03
180.0	2.26	3.42	4.56	5.63	6.61	7.47	8.08	8.97	10.05	11.53
Up.Vs	3.92	5.44	6.56	7.20	7.48	7.62	7.71	7.84	7.96	8.05
Up.Bt	45.9	43.6	42.1	39.6	37.5	35.8	34.8	33.9	34.0	34.7
Up.Vmg	2.73	3.94	4.87	5.55	5.94	6.18	6.33	6.51	6.60	6.62
Dn.Vs	3.71	5.23	6.41	7.22	7.61	7.78	8.23	9.10	10.31	12.93
Dn.Bt	138.8	142.0	145.0	149.3	155.7	167.2	171.5	172.7	169.9	158.0
Dn.Vmg	2.79	4.12	5.25	6.21	6.93	7.59	8.14	9.03	10.16	11.98

Times for 1 nm (secs)

	4	6	8	10	12	14	16	20	25	30
32.0	1329.6	880.4	685.8	586.6	533.4	503.2	486.2	470.9	464.6	464.6
36.0	1157.8	777.1	615.1	532.4	491.8	471.6	460.4	449.2	442.7	440.5
40.0	1038.5	707.1	567.9	496.8	467.4	452.9	444.2	434.6	428.0	424.9
45.0	933.1	647.2	525.8	470.4	448.4	437.1	430.0	421.0	415.5	411.7
52.0	835.5	593.4	491.0	450.2	431.1	421.7	416.1	406.9	399.4	394.6
60.0	769.6	556.6	471.3	437.5	418.6	408.9	402.5	393.0	384.4	378.4
70.0	726.8	532.0	460.4	429.7	410.1	396.7	389.1	378.0	367.9	360.8
80.0	713.3	524.9	457.7	427.6	407.2	391.1	378.6	364.9	353.6	344.7
90.0	723.7	531.5	450.1	417.0	402.1	391.6	376.0	353.9	339.5	327.3
100.0	733.9	519.2	445.1	414.1	395.8	385.3	377.0	352.0	324.8	309.6
110.0	731.7	522.0	449.5	417.7	395.5	378.8	368.0	352.4	321.9	291.0
120.0	767.6	547.8	462.6	426.4	401.6	380.6	363.1	340.5	318.1	290.1
135.0	916.2	630.6	504.8	450.4	420.3	397.4	376.5	338.1	289.8	260.2
150.0	1162.1	774.5	599.2	502.1	453.9	425.7	404.2	366.1	316.9	261.4
160.0	1372.4	908.0	688.5	565.8	489.6	448.4	421.9	381.9	336.0	282.4
170.0	1512.1	999.4	751.9	611.5	522.0	467.6	435.6	393.2	349.2	299.3
180.0	1594.2	1052.4	789.7	640.0	544.6	482.1	445.8	401.4	358.1	312.3
Up	1318.9	913.7	739.2	648.5	606.5	582.9	568.3	553.4	545.6	543.7
Dn	1288.6	874.1	686.0	579.5	519.4	474.4	442.2	398.9	354.5	300.4

Best Apparent Wind Speed

	4	6	8	10	12	14	16	20	25	30
32.0	6.5	9.7	12.7	15.5	18.0	20.3	22.4	26.4	31.3	36.2
36.0	6.8	10.1	13.2	15.9	18.3	20.4	22.5	26.5	31.4	36.2
40.0	7.0	10.4	13.5	16.1	18.4	20.5	22.5	26.4	31.2	36.1
45.0	7.3	10.7	13.7	16.2	18.3	20.3	22.3	26.2	31.0	35.8
52.0	7.5	10.8	13.7	16.1	18.1	20.0	21.9	25.7	30.5	35.2
60.0	7.5	10.8	13.5	15.7	17.7	19.4	21.3	25.0	29.7	34.3
70.0	7.4	10.5	12.9	15.0	16.9	18.7	20.2	23.9	28.5	33.1
80.0	7.0	9.9	12.1	14.1	15.9	17.7	19.4	22.7	27.1	31.6
90.0	6.4	9.0	11.2	13.0	14.3	16.6	18.3	21.5	25.6	30.0
100.0	5.8	8.3	10.3	11.9	13.3	14.6	16.2	20.3	24.0	28.2
110.0	5.2	7.4	9.1	10.6	12.1	13.4	14.7	17.8	23.0	26.5
120.0	4.4	6.3	7.9	9.3	10.7	12.1	13.5	16.1	20.2	25.4
135.0	3.0	4.5	5.8	7.1	8.5	9.9	11.4	14.3	17.6	20.9
150.0	2.0	3.0	4.1	5.2	6.5	7.9	9.4	12.5	16.1	19.1
160.0	1.8	2.6	3.6	4.6	5.7	7.0	8.5	11.6	15.4	18.5
170.0	1.7	2.5	3.4	4.3	5.3	6.6	8.0	11.1	15.0	18.3
180.0	1.7	2.6	3.4	4.4	5.4	6.5	7.9	11.0	14.9	18.5
Up	7.3	10.6	13.6	16.1	18.3	20.4	22.5	26.5	31.4	36.2
Dn	2.7	3.7	4.6	5.3	6.0	6.6	8.0	11.0	15.0	18.6

Best Apparent Wind Angle

	4	6	8	10	12	14	16	20	25	30
32.0	19.2	19.1	19.3	19.6	20.0	20.5	21.0	22.0	23.2	24.1
36.0	20.3	20.3	20.7	21.1	21.7	22.4	23.1	24.4	25.8	26.9
40.0	21.5	21.6	22.2	22.8	23.5	24.5	25.4	27.0	28.6	29.8
45.0	22.9	23.3	24.1	25.0	26.0	27.2	28.3	30.2	32.1	33.5
52.0	25.0	25.7	26.9	28.5	29.7	31.1	32.6	34.9	37.1	38.7
60.0	27.4	28.7	30.5	32.6	34.3	35.6	37.4	40.2	42.8	44.7
70.0	30.7	32.5	35.2	38.1	40.4	42.1	43.4	47.0	50.1	52.4
80.0	34.5	36.8	40.2	43.8	46.8	49.0	50.8	54.0	57.7	60.4
90.0	38.8	41.5	44.6	48.2	51.4	56.3	58.5	61.7	65.5	68.5
100.0	43.1	45.0	49.3	54.1	58.0	61.7	65.2	70.6	73.6	76.8
110.0	46.6	49.3	54.8	60.7	65.5	69.3	72.8	79.0	83.4	85.3
120.0	52.2	55.5	61.3	68.2	73.9	78.2	81.7	87.7	93.1	95.8
135.0	68.7	70.9	75.4	82.6	89.4	94.9	98.8	104.0	107.1	110.3
150.0	100.4	100.4	103.0	106.6	112.3	117.6	121.7	126.8	129.7	129.6
160.0	129.7	129.2	129.9	131.6	133.7	137.0	139.9	143.9	146.2	146.5
170.0	156.0	155.7	155.8	156.3	157.0	158.2	159.7	161.8	163.1	163.4
180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
Up	23.2	22.8	23.0	22.6	22.4	22.3	22.5	23.1	24.5	25.9
Dn	75.1	82.3	91.7	105.1	124.0	152.2	162.7	166.6	163.0	143.1