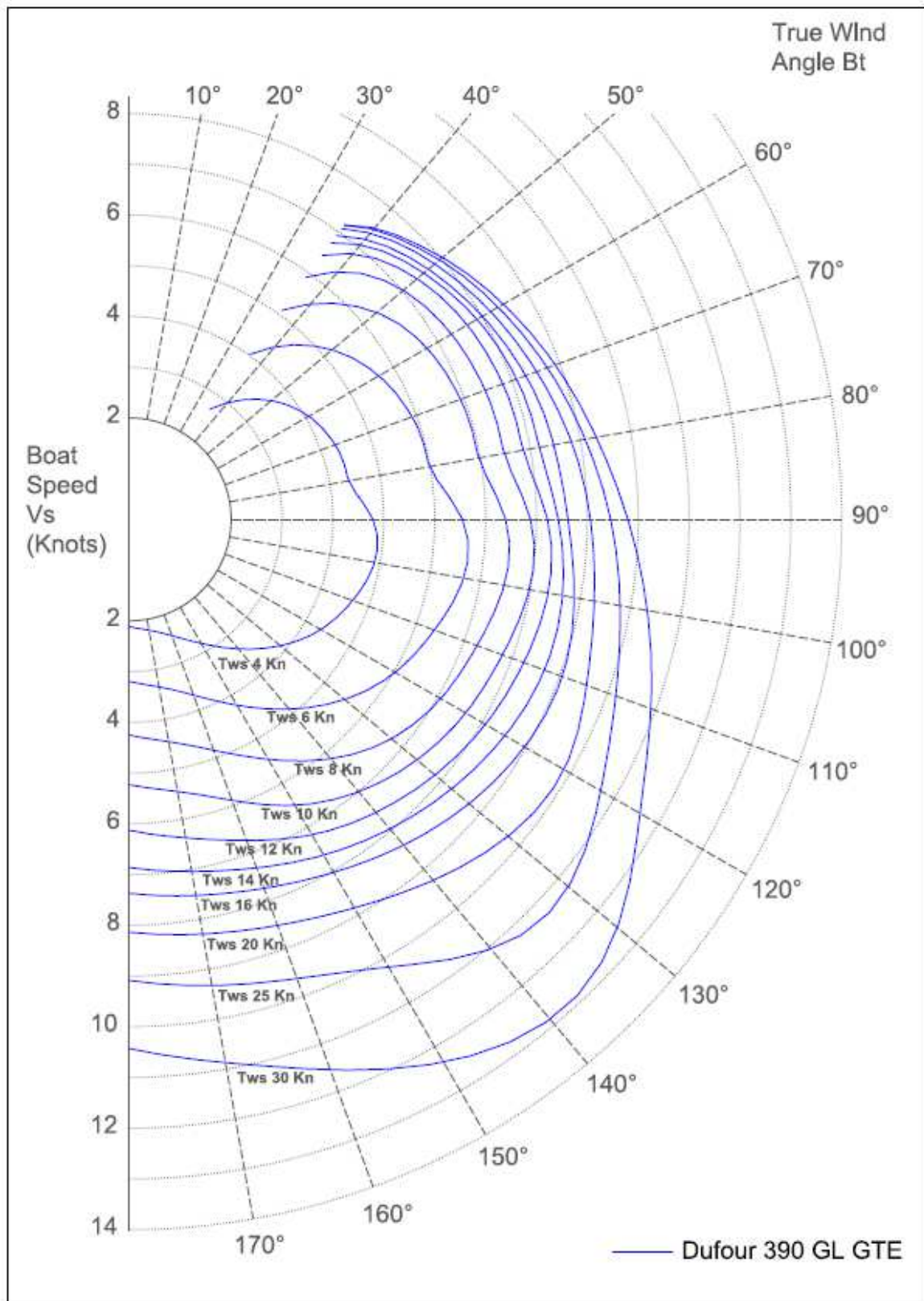


**DUFOUR 390 GL  
GTE**

**VELOCITY PREDICTION PROGRAM ANALYSIS**



# FELCI YACHTDESIGN

## Best Boatspeeds (kt)

	4	6	8	10	12	14	16	20	25	30
36.0	2.68	4.02	5.09	5.90	6.43	6.74	6.92	7.09	7.17	7.17
40.0	3.01	4.44	5.54	6.37	6.84	7.07	7.21	7.36	7.47	7.50
45.0	3.35	4.86	6.00	6.78	7.16	7.35	7.47	7.63	7.72	7.78
52.0	3.75	5.32	6.46	7.10	7.46	7.63	7.75	7.91	8.05	8.13
60.0	4.07	5.66	6.75	7.31	7.67	7.89	8.01	8.20	8.37	8.49
70.0	4.30	5.91	6.93	7.44	7.81	8.10	8.29	8.52	8.74	8.91
75.0	4.36	5.97	6.96	7.47	7.85	8.15	8.40	8.67	8.92	9.11
80.0	4.38	5.99	6.97	7.48	7.86	8.18	8.47	8.82	9.10	9.32
90.0	4.79	6.55	7.39	7.88	8.22	8.43	8.62	9.06	9.46	9.80
110.0	4.67	6.38	7.27	7.80	8.25	8.68	9.05	9.56	10.17	10.91
120.0	4.34	6.03	7.07	7.63	8.08	8.52	8.97	9.87	10.70	11.59
135.0	3.61	5.21	6.47	7.21	7.70	8.12	8.56	9.52	11.30	12.82
150.0	2.82	4.23	5.46	6.51	7.18	7.64	8.03	8.84	10.19	12.35
165.0	2.31	3.49	4.61	5.63	6.54	7.17	7.62	8.40	9.47	11.17
180.0	2.11	3.20	4.25	5.23	6.13	6.86	7.37	8.14	9.09	10.43
Up.Vs	3.42	4.78	5.76	6.42	6.71	6.84	6.92	-	7.14	7.22
Up.Bt	46.0	43.9	42.2	40.4	38.6	37.0	36.0	-	35.7	36.5
Up.Vmg	2.37	3.44	4.26	4.88	5.25	5.46	5.60	5.75	5.80	5.80
Dn.Vs	3.50	4.81	5.75	6.47	6.70	7.05	7.48	8.24	9.30	11.42
Dn.Bt	136.8	141.1	145.7	150.7	160.8	169.9	172.7	173.3	170.6	161.0
Dn.Vmg	2.55	3.74	4.75	5.64	6.33	6.94	7.42	8.18	9.18	10.80

## Times for 1 nm (secs)

	4	6	8	10	12	14	16	20	25	30
36.0	1341.5	895.4	706.7	610.1	559.5	534.2	520.5	507.9	501.9	502.1
40.0	1197.8	810.8	649.4	564.8	526.7	509.4	499.4	488.8	482.2	480.2
45.0	1073.9	740.0	600.3	531.4	502.7	489.8	481.8	472.0	466.2	462.9
52.0	960.6	677.3	557.3	507.0	482.8	471.9	464.8	454.9	447.2	442.6
60.0	884.4	635.7	532.9	492.4	469.5	456.2	449.4	439.1	430.2	424.2
70.0	836.3	608.7	519.8	483.7	460.9	444.6	434.2	422.5	411.7	404.1
75.0	825.6	602.7	517.1	481.8	458.8	441.5	428.6	415.0	403.5	395.1
80.0	822.2	600.8	516.3	481.2	458.1	440.0	425.0	408.0	395.8	386.3
90.0	752.2	549.9	486.9	456.6	438.1	427.0	417.6	397.3	380.6	367.4
110.0	770.8	564.3	495.1	461.4	436.4	414.6	397.6	376.5	353.9	330.0
120.0	829.0	596.8	509.4	471.7	445.5	422.4	401.5	364.9	336.6	310.7
135.0	998.4	690.7	556.3	499.5	467.8	443.5	420.7	378.3	318.5	280.8
150.0	1276.0	851.0	659.1	553.2	501.6	471.2	448.1	407.1	353.4	291.4
165.0	1560.4	1032.4	780.6	639.4	550.7	502.3	472.3	428.7	380.2	322.3
180.0	1703.6	1126.5	846.8	688.2	587.4	524.5	488.4	442.4	396.1	345.1
Up	1516.9	1045.8	844.5	737.1	686.2	659.5	643.4	-	620.4	620.5
Dn	1409.6	962.7	757.7	638.5	569.1	518.5	485.2	439.9	392.2	333.2

# FELCI YACHTDESIGN

## Best Apparent Wind Speed

	4	6	8	10	12	14	16	20	25	30
36.0	6.4	9.5	12.5	15.1	17.5	19.6	21.7	25.6	30.5	35.3
40.0	6.6	9.8	12.7	15.4	17.6	19.7	21.7	25.6	30.4	35.2
45.0	6.8	10.0	12.9	15.5	17.6	19.6	21.5	25.4	30.2	35.0
52.0	7.0	10.2	13.0	15.3	17.4	19.2	21.1	25.0	29.7	34.5
60.0	7.0	10.1	12.8	15.0	17.0	18.7	20.6	24.3	29.0	33.7
70.0	6.8	9.8	12.2	14.3	16.2	18.1	19.7	23.3	27.9	32.5
75.0	6.6	9.5	11.9	13.9	15.8	17.6	19.3	22.7	27.3	31.8
80.0	6.4	9.2	11.5	13.4	15.3	17.2	18.9	22.1	26.6	31.1
90.0	6.2	8.9	10.8	12.5	14.0	15.6	17.3	21.2	25.2	29.6
110.0	5.0	7.1	8.8	10.3	11.9	13.4	14.8	17.8	22.1	26.6
120.0	4.2	6.0	7.6	9.0	10.5	12.1	13.6	16.5	20.3	24.5
135.0	2.9	4.4	5.7	7.1	8.5	10.1	11.6	14.7	18.2	21.4
150.0	2.1	3.2	4.3	5.4	6.8	8.3	9.9	13.1	16.9	20.1
165.0	1.9	2.8	3.7	4.8	5.9	7.3	8.9	12.1	16.0	19.4
180.0	1.9	2.8	3.7	4.8	5.9	7.1	8.6	11.9	15.9	19.6
Up	6.8	10.0	12.8	15.4	17.6	19.7	21.7	-	30.5	35.3
Dn	2.8	3.8	4.6	5.4	6.1	7.2	8.6	11.9	15.9	19.5

## Best Apparent Wind Angle

	4	6	8	10	12	14	16	20	25	30
36.0	21.7	21.7	22.0	22.4	22.9	23.5	24.2	25.4	26.7	27.7
40.0	23.0	23.1	23.6	24.2	24.8	25.6	26.5	28.0	29.5	30.6
45.0	24.6	24.9	25.7	26.6	27.4	28.5	29.5	31.4	33.2	34.5
52.0	26.9	27.6	28.8	30.2	31.5	32.5	34.0	36.2	38.2	39.8
60.0	29.7	30.9	32.6	34.7	36.4	37.5	39.1	41.7	44.2	46.0
70.0	33.5	35.3	37.7	40.5	42.8	44.5	45.7	48.9	51.8	54.0
75.0	35.6	37.6	40.4	43.6	46.1	48.1	49.6	52.6	55.7	58.1
80.0	37.8	40.0	43.2	46.7	49.5	51.8	53.5	56.3	59.7	62.2
90.0	39.9	42.4	46.9	51.0	54.1	57.3	60.1	64.6	67.9	70.7
110.0	48.7	52.5	58.8	64.8	69.5	73.1	76.0	81.1	85.7	88.5
120.0	55.9	59.7	66.1	73.0	78.6	82.7	85.9	90.3	94.9	97.8
135.0	74.6	77.1	81.8	88.9	95.3	100.2	103.7	108.3	110.3	112.7
150.0	107.8	107.8	110.1	113.3	118.2	122.6	126.0	130.3	132.7	132.7
165.0	146.4	146.1	146.4	147.3	148.4	150.3	152.1	154.6	156.2	156.5
180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
Up	24.9	24.5	24.5	24.4	24.1	24.0	24.2	-	26.5	28.1
Dn	77.9	87.9	100.8	114.7	139.6	160.0	166.4	168.6	165.1	150.2