

Your boat Type: Beneteau First 36.7

Dimensions:

Length Overall:	0.0 ft	0.00 m	Dsgn WaterLn:	30.2 ft	9.22 m
Maxi Beam:	11.3 ft	3.45 m	Draft:	7.2 ft	2.19 m
Displacem:	12495 lbs	5668 kg	I Dimen:	46.4 ft	14.15 m
J Dimen:	13.0 ft	3.95 m	P Dimen:	45.4 ft	13.85 m
E Dimen:	15.6 ft	4.75 m			
I2 Dimen:	0.0 ft	0.00 m	J2 Dimen:	0.0 ft	0.00 m
Estimated Headstay Length	48.2 ft	14.69 m			

Genoa:

100% Foretriangle Sail Area:	300.8 sq ft	27.9 sq m
135% Foretriangle Sail Area:	406.1 sq ft	37.7 sq m
150% Foretriangle Sail Area:	451.2 sq ft	41.9 sq m

SheetLoads:

100% Foretriangle @ 30 Knots:	1166.8 lbs	529.3 kg
100% Foretriangle @ 35 Knots:	1588.2 lbs	6.1f kg
100% Foretriangle @ 40 Knots:	2074.3 lbs	940.9 kg
135% Foretriangle @ 20 Knots:	700.1 lbs	317.6 kg
135% Foretriangle @ 25 Knots:	1092.1 lbs	495.4 kg
135% Foretriangle @ 30 Knots:	1575.2 lbs	714.5 kg
150% Foretriangle @ 5 Knots:	48.6 lbs	22.1 kg
150% Foretriangle @ 10 Knots:	194.5 lbs	88.2 kg
150% Foretriangle @ 15 Knots:	437.6 lbs	198.5 kg
150% Foretriangle @ 20 Knots:	777.9 lbs	352.8 kg

Lead Block Loads:

#3 Genoa @ 30 Knots:	1528.5 lbs	693.3 kg
#3 Genoa @ 35 Knots:	2080.3 lbs	943.6 kg
#3 Genoa @ 40 Knots:	2717.4 lbs	1232.6 kg
#1 Genoa @ 6 Knots:	52.5 lbs	23.8 kg
#1 Genoa @ 12 Knots:	210.0 lbs	95.3 kg
#1 Genoa @ 18 Knots:	472.6 lbs	214.4 kg
#1 Genoa @ 20 Knots:	583.4 lbs	264.6 kg
#1 Genoa @ 25 Knots:	911.6 lbs	413.5 kg
Mainsail Area (Standard Roach):	378.8 sq ft	35.2 sq m
Spinnaker Sail Area:	1082.9 sq ft	100.6 sq m
End Boom Load:	2597.71 lbs	1178.32 kg

Maximum Genoa Turning Lead Block:

60 Degree Turn:	1588.2 lbs	720.4 kg
90 Degree Turn:	2239.3 lbs	1015.7 kg
135 Degree Turn:	2922.2 lbs	1325.5 kg
180 Degree Turn:	3176.3 lbs	1440.8 kg