



J/35 Dimensions and Loads

Dimensions

Length Overall:	35.0 ft	10.67 m	Design Waterline:	30.0 ft	9.14 m
Maxi Beam:	11.8 ft	3.60 m	Draft:	6.9 ft	2.11 m
Displacement:	10033 lbs	4551 kg	I Dimension:	46.5 ft	14.18 m
J Dimension:	14.7 ft	4.47 m	P Dimension:	41.6 ft	12.69 m
E Dimension:	14.0 ft	4.27 m			
I2 Dimension:	0.0 ft	0.00 m	J2 Dimension:	0.0 ft	0.00 m

100% Foretriangle Sail Area:	341.2 sq ft	31.7 sq m
135% Foretriangle Sail Area:	460.7 sq ft	42.8 sq m
150% Foretriangle Sail Area:	511.8 sq ft	47.5 sq m
Mainsail Area (Standard Roach):	312.1 sq ft	29.0 sq m
Spinnaker Sail Area:	1228.4 sq ft	114.1 sq m

Sheet Loads:

100% Foretriangle @ 30 Knots:	1323.6 lbs	600.4 kg
100% Foretriangle @ 35 Knots:	1801.6 lbs	6.1f kg
100% Foretriangle @ 40 Knots:	2353.1 lbs	1067.4 kg
135% Foretriangle @ 20 Knots:	794.2 lbs	360.2 kg
135% Foretriangle @ 25 Knots:	1238.8 lbs	561.9 kg
135% Foretriangle @ 30 Knots:	1786.9 lbs	810.5 kg
150% Foretriangle @ 5 Knots:	55.1 lbs	25.0 kg
150% Foretriangle @ 10 Knots:	220.6 lbs	100.1 kg
150% Foretriangle @ 15 Knots:	496.4 lbs	225.1 kg
150% Foretriangle @ 20 Knots:	882.4 lbs	400.3 kg

Lead Block Loads:

#3 Genoa @ 30 Knots:	1733.9 lbs	786.5 kg
#3 Genoa @ 35 Knots:	2359.9 lbs	1070.5 kg
#3 Genoa @ 40 Knots:	3082.5 lbs	1398.2 kg
#1 Genoa @ 6 Knots:	59.6 lbs	27.0 kg
#1 Genoa @ 12 Knots:	238.2 lbs	108.1 kg
#1 Genoa @ 18 Knots:	536.1 lbs	243.2 kg
#1 Genoa @ 20 Knots:	661.8 lbs	300.2 kg
#1 Genoa @ 25 Knots:	1034.1 lbs	469.1 kg

Maximum Genoa Turning Lead Block Loads:

60 Degree Turn:	1801.6 lbs	817.2 kg
90 Degree Turn:	2540.2 lbs	1152.2 kg
135 Degree Turn:	3314.9 lbs	1503.6 kg
180 Degree Turn:	3603.2 lbs	1634.4 kg

End Boom Load:	2144.77 lbs	972.87 kg
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