



Bristol 29.9 Sailing Vessel Owner's Association

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Sail Specifications



The Bristol 29.9 was produced in both a 'short' and 'tall' version. The specs below come from a variety of sources such as Sailrite, Gleason Sailmakers, Lithicum Sailmakers, Bristol 29.9 brochure, etc. Therefore, it may be desirable to modify these measurements to meet the needs of particular boats.



Standard Rig

I --- 37.5
P --- 32.0
J --- 11.25
E --- 11.25

Dimensions - Feet; Weights - Ounces

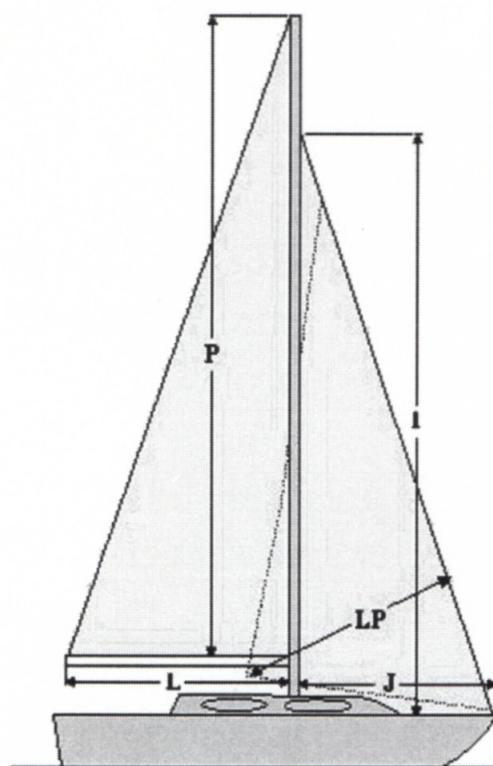
Sail	Luff	Leech	Foot	LP	Area	Wgt.
Main	32.0	33.2	11.25		180	6
Lapper 110	36.0	33.4	13.3	12.4	223	5.5 - 6.5
130 Genoa	36.0	33.2	15.8	14.6	263	5.5 - 6.5
150 Genoa	37.0	34.9	18.1	16.8	311	3.5 - 5.5
170 Genoa	37.0	35.2	20.5	19.1	353	3.5 - 5.5
Working Jib	28.5	25.5	10.8	9.7	138	6
Storm Jib	22.0	17.6	8.5	6.4	70	7.25
Spinnaker	To	IOR	Limits	—	—	1/2 - 3/4

Tall Rig

I --- 40.0
 P --- 34.5
 J --- 11.25
 E --- 11.25

Dimensions - Feet; Weights - Ounces

Sail	Luff	Leech	Foot	LP	Area	Wgt.
Main	34.5	35.78	11.25		193.85	6
Lapper 115	33.24	29.45	14.61	12.94	215.05	5.5 - 6.5
130 Genoa						5.5 - 6.5
150 Genoa	39.47	37.43	17.93	16.88	333.03	3.5 - 5.5
170 Genoa						3.5 - 5.5
Working Jib	28.5	25.5	10.8	9.7	138	6
Storm Jib	19.74	16.09	8.48	60%	66.62	7.25
Spinnaker	To	IOR	Limits	—	—	1/2 - 3/4



What is LP?

Do you know the term LP Measurement? What does it mean when I describe my headsail as a 150% Genoa? For many sailors, the term LP is often used but not understood. The LP or Luff Perpendicular is a measurement used to describe the size of a headsail. The measurement is the distance represented by projecting a line perpendicular to the luff that passes through the clew.

The second important part of the equation is a measurement called the J dimension. The J is the distance between where the forstay intersects your deck aft to the front of your mast.

To calculate the LP percentage of a Genoa, take the measured LP of your sail and divide it by your J dimension. For example a Bristol 29.9 standard rig has a J of 11.25'. So if a Bristol 29.9 owner wanted a 150% the calculation would look like this.

$$11.25' \times 1.5 \text{ (150\%)} = 16.875'$$

$$11.25' \times 1.3 \text{ (130\%)} = 14.625'$$

$$11.25' \times 1 \text{ (100\%)} = 11.25'$$

Looking for sails? - checkout Cruising Direct.