Mainsail / Mizzen *data sheet*

- The more information you give, the better sail we can make for you. For spaces unfilled, information will be taken as unknown and we will use our expertise for them.
- It is advisable to measure the boat on a calm day, instead of a windy or wavy one.
- If you race your boat, please send us a copy of your current rating certificate or class rules.

Name: John Campbell

Email: jpncampbell@mac.com

Quote request no.: (It is generated when you submit a quote request from our web site.)

Boat type / class / name: Vancouver 27'

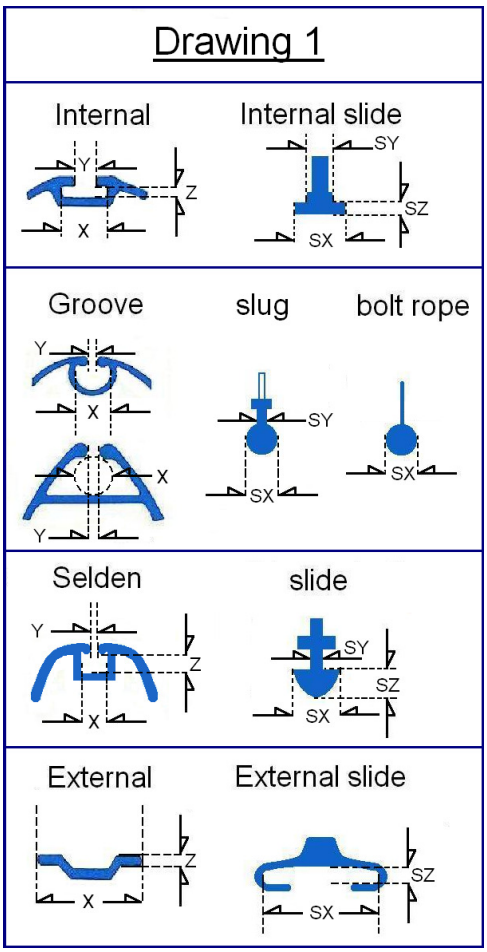
Sail: Main

Sail number: Color of number:

Insignia: Vancouver 27 (see file) Color of insignia: Black

(Please provide a sketch of the insignia if possible.)

Drawing 1



1. LUFF ATTACHMENT

Luff Attachment (Refer to drawing 1)

Type: [x] Internal slide [ ] Slug
[ ] Boltrope [ ] Selden slide
[ ] External slide [ ] Other:

You can provide slide/slug code or mast spec or track data or slide/slug data.

Slide/slug code: 5/8" internal

Mast Specs

Mast brand:

Mast model number:

Track data		Slide/slug data	
X:		SX:	.59"
Y:		SY:	.25"
Z:		SZ:	..15"

2. FOOT ATTACHMENT

Boom Attachment (Refer to drawing 1)

Type: [ ] Loose footed [ ] Internal slide [x] Slug
[x] Boltrope [ ] Selden slide [ ] External slide
[ ] Other:

You can provide slide/slug code or boom spec or track data or slide/slug data.

Slide/slug code:

Boom Specs

Boom brand:

Boom model number:

	Track data		Slide/slug data
X:		SX:	.46”
Y:		SY:	.15”
Z:		SZ:	

3. TACK CUT BACK CLEW CUT UP

Please provide us with photos of gooseneck and outhaul carriage if possible. The file size per email shall not exceed 10Mb. Also, when taking a photo, please put a measuring tape next to the targeted object so to show us the relative dimensions. Thank you.

Tack cut back

(Refer to drawing 2. If the tack fitting is a rotating shackle, measure with the shackle bisecting the angle between mast and boom.)

Tack cut back (A)

Measure from aft surface of mast to the tack attachment point: 1 1/4”

Tack cut up (E)

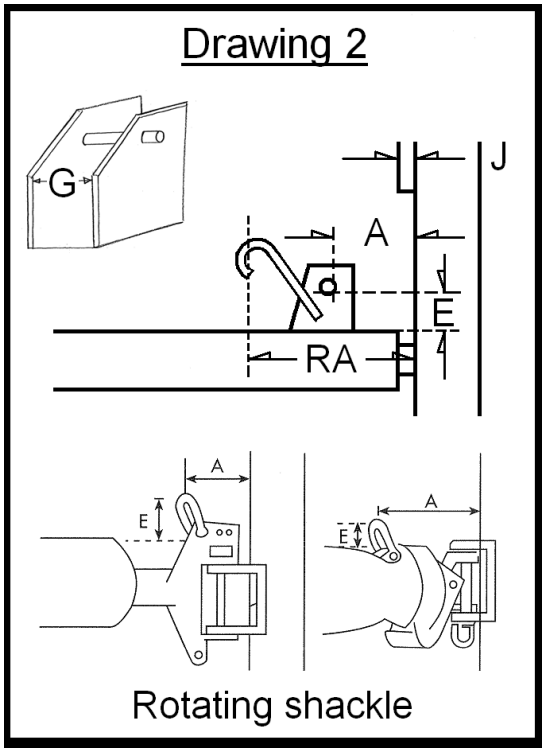
Measure from top of boom to the tack attachment point: 1/2”

Do you have reef hook? [ ] Yes [x] No

If yes, please provide

Reef hook cut back (RA)

Like the tack cut back, measure from aft surface of mast to the reef hook:



Tack jaw (G) Measure the internal width of the tack jaw (If the tack fitting is a rotating shackle, measure the minimum internal width of the shackle):

If your mast track is outside of your mast, please give us the

Mast track thickness (J)

Measure from the mast surface to the mast track surface (If the track or groove is inside the mast, then the mast track thickness is zero): 0

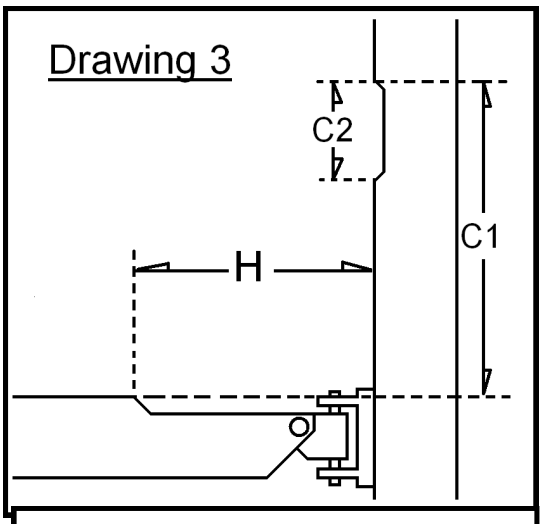
Feeder specs (Refer to drawing 3)

Feeder height (C1)
Measure from top of boom at its usual sailing position to the top of opening in the mast where the boltrope or slides go into the mast: 4 1/4”

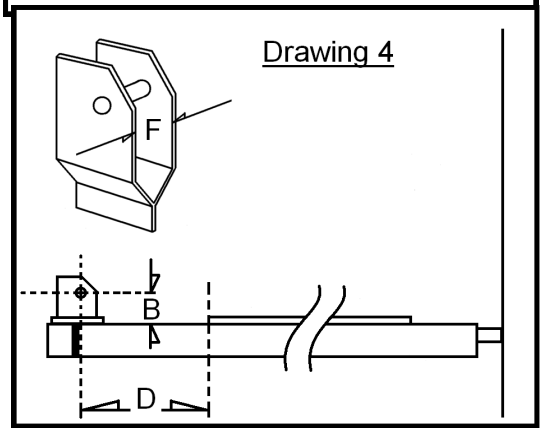
Length of feeder opening (C2): 1 1/2"
Can slides pass through the feeder downward to the boom freely? [x] Yes [ ] No

Track / groove entrance location (H)
Measure from aft surface of mast to the entrance of the track / groove on the boom near the mast: 5”

Drawing 3



Drawing 4



Outhaul Car (Refer to drawing 4) Do you have an outhaul car? [x] Yes [ ] No

If no, we shall provide a clew slug / slide at clew. If you have an outhaul car, please provide

Clew cut up (B)
Measure from top of boom to the bearing surface of the outhaul pin. (If the outhaul fitting is a rotating shackle, measure with the shackle at 45 degrees to the boom): 3/4"

Clew cut back (D)
Measure the distance between the black band on the boom and the aft end of the track on boom (Please fill in 0 or leave blank if the track is continuous to boom end): 0

Clew jaw (F)
Measure the internal width of the outhaul car. (If the outhaul fitting is a rotating shackle, measure the minimum internal width of the shackle): 3/4” shackle

4. REEFS

Cunningham is required: [x] Yes [ ] No

Boom is roller reefing: [ ] Yes [x] No

1st reef height above boom: 16%

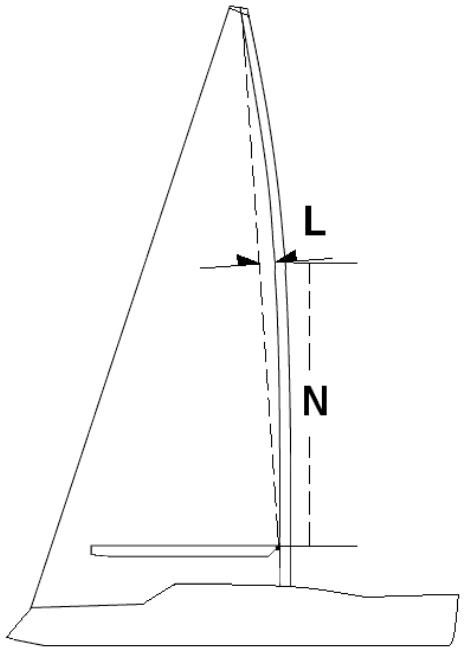
2nd reef height above boom: 34%

3rd reef height above boom: n/a

5. MAST BEND

Mast Bend Characteristics We suggest you compare the bend to the mast itself. You can measure the fore-and-aft dimensions of the mast and use it as a reference.

Static prebend

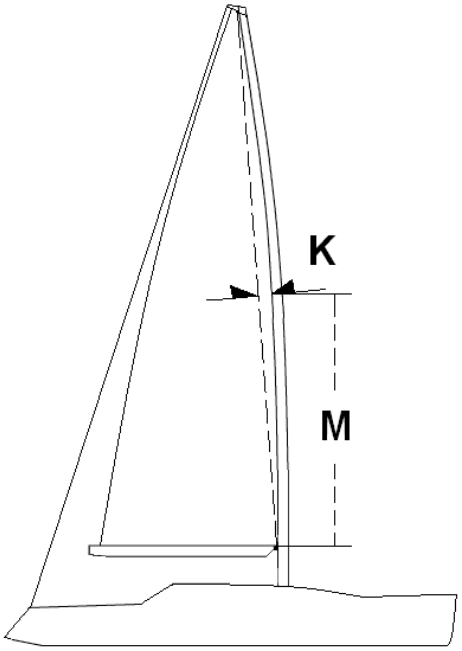


This is the permanent bend in the mast set up with shroud tension. Measure this when the yacht is at dock and with no sail.

Static prebend (L) = n/a

Location above boom (N) =

Expected mast bend



This refers to the mast bend reading when the yacht is sailing in average target use upwind conditions.

Expected mast bend (K) = n/a

Location above boom (M) =

6. MAX LEECH ROACH

Please give following dimensions only if you want the biggest roach possible and yet without the leech hitting the backstay.

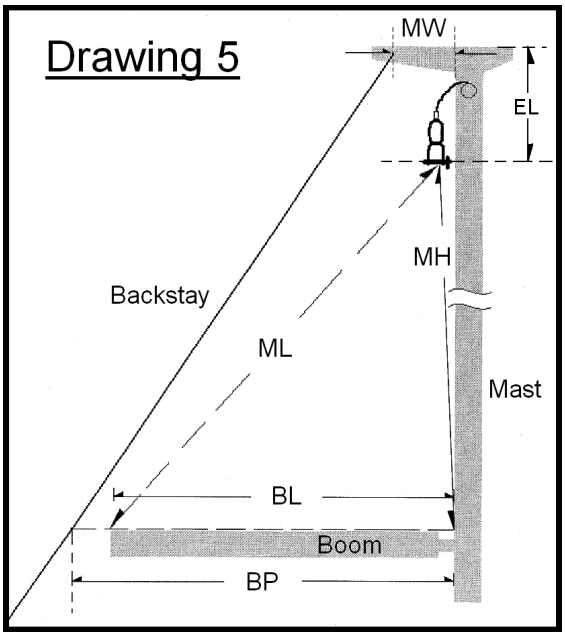
Mainsail roach size (Refer to drawing 5)
Set the tension of the backstay to 50% of the maximum that you will want to use. And set the boom at its usual sailing position. Then measure the following:

Maximum hoist (MH) Hoist the mainsail halyard until it stops. Measure from halyard to top of boom level at the gooseneck: 30'-0 data base

Maximum leech length available (ML)
Leaving the halyard at its uppermost position, measure to end of boom. Make sure the boom clears any dodger or gallows: 31.6"

Boom length (BL) Measure from aft surface of mast to end of boom: 10'-2"

Drawing 5



Backstay position (BP) Measure from aft surface of the mast along the top surface of the boom to the backstay: 11’

Mast crane width (MW) Estimate the distance between aft surface of mast and the backstay attachment point at the top of the mast:

Estimate length from max hoist to mast crane top **(EL)**: 1’-3”

7. Boom location to clear gallows
Please give MH, ML and BL dimensions (see above) only if you want to clear the gallows.

Additional information

Mast spreaders is about 15’ from top of boom.