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# UPFFRONT.COM SMARTSAILING GUIDE

CODE ZERO AND ASYMMETRIC  
FURLER – SIZING GUIDE



# CODE ZERO AND ASYMMETRIC FURLER – SIZING GUIDE

The correct method for specifying a code zero or asymmetric furler is Safe Working Load (SWL) but manufacturers offer conflicting advice on SWL vs boat length. At Upffront we use the table below to come up with a first cut, and then work through a series of questions to fine tune available product options.

## Using the Table

- This table is only an approximation, based on averaging across manufacturer recommendations
- The table is based on sizing a code zero furler for an average displacement monohull.
- Manufacturers have different SWL steps in their ranges e.g. many jump from 1500 – 2500kg
- If you have a 38ft boat, you should choose a 2500kg over a 1500kg SWL unit
- Or you could choose a 2000kg SWL unit from another manufacturer

## Fine tuning product options:

- **Multihull** – Loads are higher, go up one size in the range
- **Displacement** – For particularly heavy displacement boats, consider going up one size
- **Rig geometry** – check sail areas against manufacturer recommended maximum sail areas.
- **Existing torsional cable** – It is important to check cable thimbles are compatible with furler jaw width/depth and pin size
- **Dedicated Code 0 furler** – Look for a large drum diameter to maximise power to start the furl
- **Dedicated Top down furler** – In theory you can go down one size BUT that is dependent on compatibility with the correct diameter torsional cable (which is always bigger than a code zero cable)
- **Staysail furler** – Rule of thumb: same size as Code 0

Boat Size (ft)	Min. SWL (kg)
18	500
25	750
28	1000
35	1500
38	2000
41	2500
45	3000
49	4000
56	5000
60	6000
70	8000
80	10000
90	12000

Code zero and asymmetric furler sizing is not an exact science. Use the table above to get a good starting point in terms of a sensible SWL for your unit. After that, you must weigh up the various factors; specific to your boat, application, and sailing style, to find a suitable product. For help choosing the right furler please contact us at [support@upffront.com](mailto:support@upffront.com)