

ROCNA SIZING GUIDES

METRIC TONNES: 1 Tonne = 1000kg



ROCNA MODEL	4	6	10	15	20	25	33	40	55	70	110
4m 13ft	≤ 2T										
5m 16ft	≤ 1T	≤ 5T									
6m 20ft	≤ ½T	≤ 4T									
7m 23ft		≤ 2T	≤ 7T								
8m 26ft		≤ 1T	≤ 6T	≤ 10T							
9m 30ft			≤ 5T	≤ 9T	≤ 16T						
10m 33ft			≤ 4T	≤ 8T	≤ 14T	≤ 25T					
11m 36ft			≤ 3T	≤ 7T	≤ 12T	≤ 20T	≤ 30T				
12m 39ft				≤ 6T	≤ 10T	≤ 15T	≤ 25T				
14m 46ft					≤ 7T	≤ 12T	≤ 20T	≤ 40T			
16m 52ft						≤ 9T	≤ 15T	≤ 33T	≤ 60T		
18m 59ft							≤ 12T	≤ 25T	≤ 50T	≤ 90T	
20m 66ft							≤ 10T	≤ 18T	≤ 40T	≤ 80T	
22m 72ft								≤ 12T	≤ 30T	≤ 70T	≤ 150T
24m 79ft									≤ 25T	≤ 60T	≤ 130T
26m 85ft									≤ 22T	≤ 50T	≤ 115T
28m 92ft										≤ 45T	≤ 100T
30m 98ft										≤ 40T	≤ 90T
35m 115ft											≤ 80T
40m 131ft											≤ 70T
45m 148ft											≤ 60T
Anchor Weight	4kg 9lb	6kg 13lb	10kg 22lb	15kg 33lb	20kg 44lb	25kg 55lb	33kg 73lb	40kg 88lb	55kg 121lb	70kg 154lb	110kg 243lb
Recommended Chain	6mm 1/4"	6mm 1/4"	7mm 1/4"	8mm 5/16"	9mm 5/16"	10mm 3/8"	10mm 3/8"	11mm 7/16"	12mm 7/16"	14mm 1/2"	16mm 5/8"
Blade Surface Area*	460cm ²	590cm ²	795cm ²	1030cm ²	1140cm ²	1415cm ²	1695cm ²	1945cm ²	2300cm ²	2690cm ²	3330cm ²

* Weights and areas may vary slightly

For multi-hulls: Use the chart as instructed, then select the model one size larger.

Chain: As a minimum, we recommend using medium tensile / G40 / High Test chain with your Rocna anchor. (If it is available, practical and affordable, high tensile / G70 chain is preferable as it is a lighter weight to carry). For more information, refer to the knowledge base article on chain. (<http://www.rocna.com/kb/Chain>)

Rocna's sizing philosophy: Unlike other manufacturers, our sizing recommendations are intended to provide an anchor adequate for use

in most all conditions. For more on our philosophy and rationale, please consult our knowledge base article on Rocna sizing recommendations (http://www.rocna.com/kb/Rocna_sizing_recommendations)

Sizing larger anchors: For Rocna anchors 150kg and larger, the sizing calculation becomes somewhat more complicated and it is suggested that anchor selection be based on RINA Rules, Part B, Chapter 10, Section 4, as appropriate for SHHP (Super High Holding Power) anchors. After calculating a vessel's EN (Equipment Number) per the RINA Rules, the appropriate anchor can be selected as follows:

- Rocna 150 (150kg, 330lbs) - Appropriate for EN 90 - 110
- Rocna 150 (150kg, 330lbs) - Appropriate for EN 90 - 111
- Rocna 150 (150kg, 330lbs) - Appropriate for EN 90 - 112

We strongly encourage that you seek further assistance from a professional familiar with ground tackle selection for larger vessels and the application of the RINA rules. The Rocna Knowledge Base on our web site (www.rocna.com/kb) provides you with additional information, and if we can assist further please contact us at enquiries@rocna.com.