

# ROCNA SIZING GUIDES

## POUNDS



ROCNA MODEL	4	6	10	15	20	25	33	40	55	70	110
13ft   4m	≤4,400lb										
16ft   5m	≤2,200lb	≤11,000lb									
20ft   6m	≤1,100lb	≤8,800lb									
23ft   7m		≤4,400lb	≤15,400lb								
26ft   8m		≤2,200lb	≤13,200lb	≤22,000lb							
30ft   9m			≤11,000lb	≤19,800lb	≤35,200lb						
33ft   10m			≤8,800lb	≤17,200lb	≤30,800lb	≤55,000lb					
36ft   11m			≤7,200lb	≤15,400lb	≤26,400lb	≤44,000lb	≤66,000lb				
39ft   12m				≤13,200lb	≤22,000lb	≤33,000lb	≤55,000lb				
46ft   14m					≤15,400lb	≤26,400lb	≤44,000lb	≤88,000lb			
52ft   16m						≤19,800lb	≤33,000lb	≤72,600lb	≤132,000lb		
59ft   18m							≤26,400lb	≤55,000lb	≤110,000lb	≤198,000lb	
66ft   20m							≤22,000lb	≤39,600lb	≤88,000lb	≤176,000lb	
72ft   22m								≤26,400lb	≤66,000lb	≤154,000lb	≤330,000lb
79ft   24m									≤55,000lb	≤132,000lb	≤286,000lb
85ft   26m									≤48,400lb	≤110,000lb	≤253,000lb
92ft   28m										≤99,000lb	≤220,000lb
98ft   30m										≤88,000lb	≤198,000lb
115ft   35m											≤176,000lb
131ft   40m											≤154,000lb
148ft   45m											≤132,000lb
Anchor Weight	9lb 4kg	13lb 6kg	22lb 10kg	33lb 15kg	44lb 20kg	55lb 25kg	73lb 33kg	88lb 40kg	121lb 55kg	154lb 70kg	243lb 110kg
Recommended Chain	1/4" 6mm	1/4" 6mm	1/4" 7mm	5/16" 8mm	5/16" 9mm	3/8" 10mm	3/8" 10mm	7/16" 11mm	7/16" 12mm	1/2" 14mm	5/8" 16mm
Blade Surface Area*	71in <sup>2</sup>	91in <sup>2</sup>	123in <sup>2</sup>	160in <sup>2</sup>	177in <sup>2</sup>	219in <sup>2</sup>	263in <sup>2</sup>	301in <sup>2</sup>	357in <sup>2</sup>	417in <sup>2</sup>	516in <sup>2</sup>

\* 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](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](http://www.rocna.com/kb)) provides you with additional information, and if we can assist further please contact us at [enquiries@rocna.com](mailto:enquiries@rocna.com).