

		ROCNA OR VULCAN MODEL												
		4	6	9	10	12	15	20	25	33	40	55	70	110
				Vulcan only	Rocna only	Vulcan only							Rocna only	Rocna only
Vessel Length	13 ft	≤ 2.2 T												
	16 ft	≤ 1.1 T	≤ 5.5 T											
	20 ft	≤ 0.55 T	≤ 3.85 T	≤ 7.7 T										
	23 ft	≤ 0.55 T	≤ 2.2 T	≤ 6.6 T	≤ 7.7 T	≤ 9.9 T								
	26 ft		≤ 1.1 T	≤ 5.5 T	≤ 6.6 T	≤ 8.8 T	≤ 13.2 T							
	30 ft		≤ 0.55 T	≤ 4.4 T	≤ 5.5 T	≤ 7.7 T	≤ 11 T	≤ 17.6 T						
	33 ft			≤ 3.3 T	≤ 4.4 T	≤ 6.6 T	≤ 9.4 T	≤ 15.4 T	≤ 24.3 T					
	36 ft				≤ 3.3 T	≤ 5.5 T	≤ 7.7 T	≤ 13.2 T	≤ 22.1 T					
	39 ft					≤ 4.4 T	≤ 6.6 T	≤ 11 T	≤ 19.8 T	≤ 33.1 T				
	46 ft						≤ 4.4 T	≤ 6.6 T	≤ 14.3 T	≤ 25.4 T	≤ 44.1 T			
	52 ft							≤ 3.3 T	≤ 9.9 T	≤ 19.8 T	≤ 35.3 T	≤ 66.1 T		
	59 ft								≤ 5.5 T	≤ 15.4 T	≤ 27.6 T	≤ 55.1 T	≤ 93.7 T	
	66 ft									≤ 11 T	≤ 19.8 T	≤ 44.1 T	≤ 82.7 T	≤ 181.9 T
	72 ft									≤ 6.6 T	≤ 13.2 T	≤ 36.4 T	≤ 71.7 T	≤ 165.4 T
	79 ft										≤ 7.7 T	≤ 27.6 T	≤ 60.6 T	≤ 148.8 T
	85 ft											≤ 19.8 T	≤ 49.6 T	≤ 132.3 T
92 ft												≤ 38.6 T	≤ 115.7 T	
98 ft													Use EN*	
115 ft													Use EN*	
Anchor weight	4 kg	6 kg	9 kg	10 kg	12 kg	15 kg	20 kg	25 kg	33 kg	40 kg	55 kg	70 kg	110 kg	
	9 lb	13 lb	20 lb	22 lb	27 lb	33 lb	44 lb	55 lb	73 lb	88 lb	121 lb	154 lb	243 lb	
Rocna fluke area	71 in <sup>2</sup>	91 in <sup>2</sup>	-	123 in <sup>2</sup>	-	160 in <sup>2</sup>	177 in <sup>2</sup>	219 in <sup>2</sup>	263 in <sup>2</sup>	301 in <sup>2</sup>	357 in <sup>2</sup>	417 in <sup>2</sup>	516 in <sup>2</sup>	
Vulcan fluke area	65 in <sup>2</sup>	87 in <sup>2</sup>	113 in <sup>2</sup>	-	136 in <sup>2</sup>	158 in <sup>2</sup>	192 in <sup>2</sup>	223 in <sup>2</sup>	268 in <sup>2</sup>	305 in <sup>2</sup>	377 in <sup>2</sup>	-	-	
Rec. G40 chain	6mm	6mm	7mm	7mm	8mm	8mm	9mm	10mm	10mm	11mm	12mm	14mm	16mm	
	1/4"	1/4"	1/4"	1/4"	1/4"	5/16"	5/16"	3/8"	3/8"	7/16"	7/16"	1/2"	5/8"	

1 t = 1000 kg (metric tonnes). We base our calculations on 50 knots of wind, associated surge, and poor holding bottoms.

For more on our philosophy and rationale, please consult our Knowledge Base article.

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