

ROCNA OR VULCAN MODEL

Vessel Length (ft)	ROCNA OR VULCAN MODEL													
	4	6	9 Vulcan only	10 Rocna only	12 Vulcan only	15	20	25	33	40	55	70 Rocna only	110 Rocna only	
13	≤ 2.2 T													
16	≤ 1.1 T	≤ 5.5 T							Vessel Displacement Unit (Tons)					
20	≤ 0.55 T	≤ 3.85 T	≤ 7.7 T											
23	≤ 0.55 T	≤ 2.2 T	≤ 6.6 T	≤ 7.7 T	≤ 9.9 T									
26		≤ 1.1 T	≤ 5.5 T	≤ 6.6 T	≤ 8.8 T	≤ 13.2 T								
30		≤ 0.55 T	≤ 4.4 T	≤ 5.5 T	≤ 7.7 T	≤ 11 T	≤ 17.6 T							
33			≤ 3.3 T	≤ 4.4 T	≤ 6.6 T	≤ 9.4 T	≤ 15.4 T	≤ 24.3 T						
36				≤ 3.3 T	≤ 5.5 T	≤ 7.7 T	≤ 13.2 T	≤ 22.1 T						
39					≤ 4.4 T	≤ 6.6 T	≤ 11 T	≤ 19.8 T	≤ 33.1 T					
46						≤ 4.4 T	≤ 6.6 T	≤ 14.3 T	≤ 25.4 T	≤ 44.1 T				
52							≤ 3.3 T	≤ 9.9 T	≤ 19.8 T	≤ 35.3 T	≤ 66.1 T			
59								≤ 5.5 T	≤ 15.4 T	≤ 27.6 T	≤ 55.1 T	≤ 93.7 T		
66									≤ 11 T	≤ 19.8 T	≤ 44.1 T	≤ 82.7 T	≤ 181.9 T	
72									≤ 6.6 T	≤ 13.2 T	≤ 36.4 T	≤ 71.7 T	≤ 165.4 T	
79										≤ 7.7 T	≤ 27.6 T	≤ 60.6 T	≤ 148.8 T	
85											≤ 19.8 T	≤ 49.6 T	≤ 132.3 T	
92												≤ 38.6 T	≤ 115.7 T	
98													Use EN*	
115													Use EN*	
<b>Anchor weight</b>	4 kg 9 lb	6 kg 13 lb	9 kg 20 lb	10 kg 22 lb	12 kg 27 lb	15 kg 33 lb	20 kg 44 lb	25 kg 55 lb	33 kg 73 lb	40 kg 88 lb	55 kg 121 lb	70 kg 154 lb	110 kg 243 lb	
<b>Rocna fluke area</b>	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>	
<b>Vulcan fluke area</b>	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>	-	-	
<b>Rec. G40 chain</b>	6 mm 1/4"	6 mm 1/4"	6 mm 1/4"	6 mm 1/4"	8 mm 5/16"	8 mm 5/16"	8 mm 5/16"	10 mm 3/8"	10 mm 3/8"	11 mm 7/16"	12 mm 7/16"	14 mm 1/2"	16 mm 5/8"	
<b>Shackle</b>	1/4" & 5/16"	1/4" & 5/16"	1/4" & 5/16"	1/4" & 5/16"	5/16 & 3/8"	5/16 & 3/8"	5/16" & 3/8"	3/8" & 7/16"	3/8" & 7/16"	7/16"	7/16"	1/2"	5/8"	
<b>Swivel</b>	Type 1 & 3	Type 1 & 3	Type 1 & 3	Type 1 & 3	Type 1, 3 & 5	Type 1, 3 & 5	Type 1, 3 & 5	Type 3 & 5	Type 3 & 5	Type 3 & 5	-	-	-	

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.