

Robert Smith Ground Tackle Loads

LOA	Wind Velocity (knots)			
	21	30	42	60
21'	46	94	184	375
24'	60	123	240	490
30'	94	192	375	765
36'	135	276	540	1102
42'	183	376	736	1499
51'	271	554	1085	2211
60'	374	767	1501	3060

From the second edition of the respected book, Anchors—Selection and Use, this table, selected to match as closely as possible the categories in the ABYC table, shows actual 'anchor cable tension' figures based on many tests done by the author Robert Smith, on the Columbia River. The values are for sloops and cutters. The author says to add 15% for yawls and 25% for ketches and schooners. Powerboats would call for an even greater factor. The anchor rode scope is specified as 5:1.