

Ordering Winches

1. Choose winch line

Standard: Rugged and efficient with up to three speeds.

Powered: Push-button electric or hydraulic winches let a single crewmember trim large sails, even in heavy air. Please contact Harken to order hydraulic winches (pages 185-186).

Large Cruising, Megayacht, and Grand Prix Racing: Please contact Harken for large cruising and megayacht winches (pages 178-179), and for ultra-light racing winches (pages 190-193).

2. Determine size

The **Sizing Chart** is a guideline for selecting winches for different applications and rig dimensions. If you don't know the dimensions, use the **Typical Dimensions** graphs.

3. Choose plain top or self-tailing

Self-tailing winches eliminate the tailing job so that just one person can trim or raise the sails. Manage light loads with one hand or use both hands to deliver extra power to a SpeedGrip handle.

4. Choose number of speeds

Three-speed winches provide the fastest line speeds.

5. Materials

Use aluminum, the lightest material in the standard line, or customize the appearance with stainless steel, chromed bronze, or polished bronze finishes.

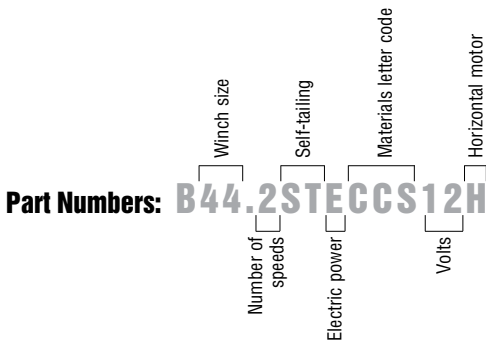
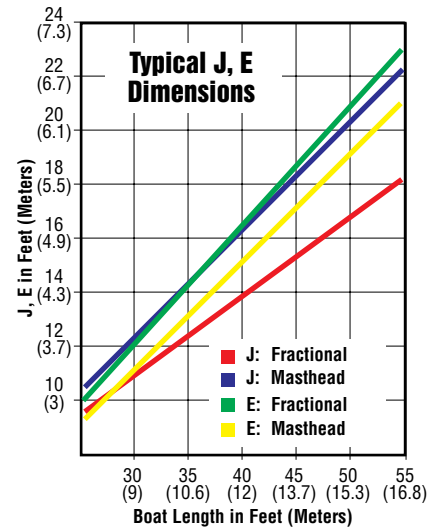
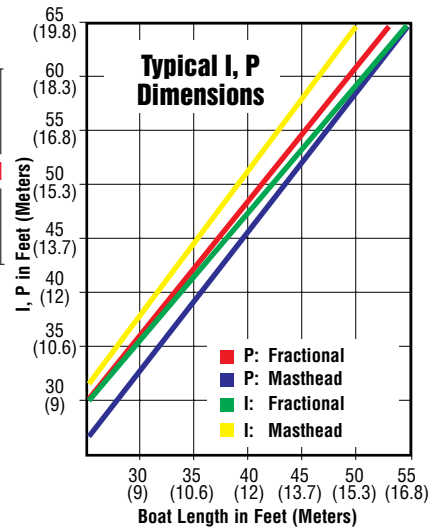
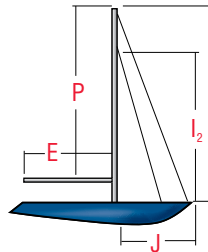
6. Choose handle

See page 196, **Accessories: Ball Bearing Handles**.

7. Contact

If you have any questions, please contact Harken.

Rig Dimensions



Sizing Chart

Winch size	Genoa				Mainsail						Spinnaker				Staysail				
	Sheet		Halyard		End-boom mainsheet		Halyard		Reef		Sheet		Halyard		Topping lift/foreguy		Halyard		
	Max sail area 100% foretriangle (1 x J x .5)		Max I		4:1 Sheet max sail area (P x E x .5)		Max P		Max P		Max sail area (1 x J x 1.8)		Max I		Max I		Max I ₂		
ft ²	m ²	ft	m	ft ²	m ²	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
6	75	7	25	7.6	—	—	25	7.6	34	10.4	500	46.5	25	7.6	35	10.7	25	7.6	
8	115	10.5	36	11	150	14	32	9.8	40	12.2	800	74	36	11	44	13.4	37	11.3	
16	155	14.5	42	12.8	230	21	38	11.6	46	14	975	91	42	12.8	50	15.2	42	12.8	
32	225	21	48	14.6	335	30	43	13.1	53	16.2	1135	105	48	14.6	56	17	48	14.6	
40	270	25	54	16.5	410	38	49	14.9	57	17.4	1240	115	54	16.5	61	18.6	54	16.5	
42	310	29	59	18	500	46.5	54	16.5	63	19.2	1315	122	59	18	66	20.1	59	18	
44	340	31.5	64	19.5	560	52	59	18	68	20.7	1400	130	64	19.5	73	22.2	64	19.5	
46	365	34	69	21	625	58	64	19.5	73	22.2	1530	142	68	20.7	78	23.8	69	21	
48	390	36	73	22.2	700	65	68	20.7	78	23.8	1750	162	74	22.5	82	25	73	22.2	
53	435	40	77	23.5	765	72	73	22.2	85	25.9	1960	182	79	24	90	27.4	77	23.5	
60	525	49	82	25	850	79	80	24.4	92	28	2200	204	85	25.9	98	29.9	82	25	
70	590	55	86	26.2	1000	93	85	25.9	97	29.6	3000	279	91	27.7	108	33	86	26.2	
74	950	88	100	30.5	1350	125	102	31.1	—	—	—	—	105	32	—	—	—	—	