

SPARKMAN & STEPHENS  
SWAN ASSOCIATION



**ANDERSEN**  
STAINLESS STEEL WINCHES



PRESENTED BY

**KOHLHOFF**  
specialized in deck equipment

## Power Ribs – Stainless Steel – Performance

Beauty and value of yachts designed by the world-famous naval architects Sparkman & Stephens are recognised unanimously. At the same time, quality and reliability of Andersen winches is well proven through the years.

We think there is no better match than this to celebrate the work of the best engineers and designers of the marine industry.

That's why in 2023 Andersen Winches becomes Preferred Supplier by the Sparkman & Stephens Association, the world-wide network of Sparkman & Stephens designed yachts, for top quality sailing.

<https://sparkmanstephens.org/news>



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Your partner for Andersen products.  
Advice and service at the highest level.

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# Winch Selection



Choose your ANDERSEN Winches to reflect the size of your yacht and your sailing requirements. This selection guide is intended for masthead rigged monohull yachts of medium displacement. Refer to the notes to the right regarding other rig or displacement types. Please note that this table lists typical winch sizing for the given applications, but can not take into account all variables due to the wide variety of sailing vessels and conditions. For electric or hydraulic winches, the size selection is generally similar to that of a manually operated winch.

**Masthead Rigged:**  
Use the Length Overall (LOA) figures as your primary selection criteria.

**Fractional Rigged:**  
Refer primarily to the sail area, rather than LOA.

**Heavy Displacement:**  
For boats with heavy displacement and/or a high righting moment, it is advisable to choose a winch larger than those indicated in the table.

**Multihulls:**  
Catamarans and trimarans have higher righting moments than monohulls of the same size, and should use winches larger than those indicated in the table.

Length over all	Feet	25-28	29-32	33-35	36-39	40-43	44-48	49-54	55-61
	Metres	7,5-8,5	8,5-10	10-11	11-12	12-13	13-14,5	14,5-16,5	16,5-18,5
Sail area	Genoa Sail (m2)	28	33	44	52	72	82	120	170
	Spinnaker (m2)	38	56	74	111	150	185	260	345
	Main Sail (m2)	14	20	24	30	40	46	70	88
Genoa Sheet		12/16/18	28/34/40	40	46/50	50/52	58/62	62/68	68/72
Spinnaker Sheet		10/12	16/18	18/28	28/34/40	40/46	46/50/52	52/58	58/62/68
Main Sheet		10	12	18/28	18/28	34/40	46/50	52	52/58
Genoa Halyard		10/12	12/18	18/28	34/40	40/46	46/50	52	52/58/62
Spinnaker Halyard		10	12	12/18	18/28	40	46	46/50/52	52/58
Main Halyard		10	12	12/18	28/34/40	40	40/46	46/50/52	52/58
Innerforestay halyard		-	10/12	12/16	16/18/28	28/34/40	28/34/40	40/46	46/50/52
Topnant		-	-	10	10	16	28/34	40	46/50
Cunning/Reff		-	10	10	12	18/28	28/34/40	40/46	46/50/52

# Special Finishes



Andersen winches are renowned for their reliability, performance, durability and the unique hand-polished stainless steel finish. The high gloss finish is as aesthetically pleasing as it is functional and a high quality stylistic addition to any yacht. However, if the special look is not combined with deck fittings or the design of the boat, we also offer a range of high quality special finishes.

**ZT coating**  
After hand polishing, the winch is finished with a special process. The ZT process gives the winch an extravagant matt grey appearance.

**PVD coating**  
Processing the winch with the PVD process hardens the surface again and gives it a very high abrasion resistance. It is available in the colours black or bronze glossy.

For more information and prices on these finishes, please contact us.



# Selftailing Winches



The term selftailing was taken from the English usage. It describes a kind of over the winch drum, which takes up the sheet running off the drum, rotates it through about 300° and then lets it run off in a controlled direction. and then allows it to run off in a controlled manner in a defined direction. Special ribs in the drum prevent the sheet from running back. This means that when hands free when cranking the winch, you can use more power and tale faster. After the sheet has been set tightly, it is already in place on the ST winch. A cleat or clamp, as with standard winches, is no longer necessary. Andersen has perfected this technique. The ST attachment flexibly adapts to very different diameters of ropes.

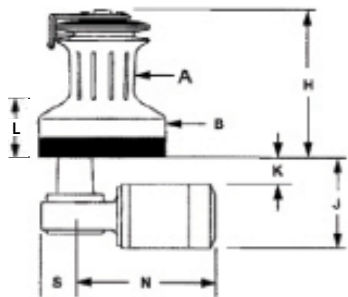
The ribs in the ST attachment are, rounded like the power ribs on the drum, and are protect the valuable rope. The line guide can be the line guide can be adjusted so that the rope runs at the ideal angle.

The old BT version with black ring is only available on request as a special order.

Product.-Nr.	Description	Drum Ø mm	Basis Ø mm	Height mm	Rope Ø mm	Ratio Transm.	Power Transm.	Weight kg
R-RA2012010000	12 ST FS, Single Speed	70	115	127	8-14	1,3 : 1	9,5 : 1	2,6
R-RA2018010000	18 ST FS, Single Speed	70	120	133	8-14	2,6 : 1	18,8 : 1	3,2
R-RA2028010000	28 ST FS, Two Speed	70	125	147	8-14	4 : 1	28,6 : 1	3,9
R-RA2034010000	34 ST FS, Two Speed	70	125	147	8-14	4,7 : 1	33,8 : 1	4,1
R-RA2040010000	40 ST FS, Two Speed	75	152	172	8-14	6,0 : 1	40 : 1	4,9
R-RA2046010000	46 ST FS, Two Speed	89	180	202	8-14	8,4 : 1	47,1 : 1	7,8
R-RA2050010000	50 ST FS, Two Speed	89	180	202	8-14	8,8 : 1	49,3 : 1	7,8
R-RA2052000000	52 ST, Two Speed	100	200	228	8-16	3,2 : 1	16,2 : 1	10,1
R-RA2052010000	52 ST FS, Two Speed			220		10,5 : 1	52,5 : 1	10,3
R-RA2058010000	58 ST FS, Two Speed	115	230	257	8 - 18	3,7 : 1	16,0 : 1	16,0
						13,1 : 1	57,1 : 1	
R-RA2062010000	62 ST FS, Two Speed	115	230	257	8 - 18	3,7 : 1	16,0 : 1	16,0
						14,4 : 1	62,6 : 1	
R-RA2068010000	68 ST FS, Two Speed	140	280	280	10 - 18	5,8 : 1	20,7 : 1	24,5
						18,8 : 1	67,1 : 1	
R-RA2072010000	72 ST FS, Two Speed	140	280	280	10-18	5,8 : 1	20,7 : 1	24,5
						20,3 : 1	72,6 : 1	
R-RA2078010000	78 ST FS, Two Speed	170	320	375	16 - 22	7,0 : 1	20,6 : 1	49,0
						26,7 : 1	78,4 : 1	
R-RA2110010000	110 ST FS, Two Speed	250	395	426	16 - 25	10,2 : 1	20,3 : 1	72,5
						56,1 : 1	112,2 : 1	



Electric E1 Winches



Andersen’s electric powered winches combine safety with the greatest comfort.

With the Andersen E1 electric winches, sails of any size can be set and trimmed at the touch of a button. Optimal for small crews or sailing with friends and family. In addition to the existing features that have made Andersen the standard in quality and performance, Andersen E1 winches with electric drive are built with the highest level of functionality, quality control and safety. The winch control is programmed to stop the winch as soon as the maximum permissible pulling force is reached. In addition, a thermal switch is installed that automatically switches off in the event of overheating. The drive is inactive if the control button is accidentally pressed when the on-board electronics are switched on. This protects the winch from unintentional start-up. The winch is also switched off after 10 minutes of continuous operation.



Product.-Nr.	Descripton	Volt	D mm	B mm	H mm	L mm	Max. K mm	J mm	S mm	N mm	Rope Ø mm	Weight. kg
R-RA2028011300	28 ST E1 FS	12	70	125	161	75	49	183	65	300	8 - 14	18
R-RA2034011300	34 ST E1 FS	12	70	125	161	75	49	183	65	300	8 - 14	18
R-RA2040011300	40 ST E1 FS	12	75	152	172	79	49	183	65	300	8 - 14	19
R-RA2046011300	46 ST E1 FS	12	89	181	208	90	57	191	65	300	8 - 14	21
R-RA2050011300	50 ST E1 FS	12	89	181	208	90	57	191	65	300	8 - 14	21
R-RA2052011300	52 ST E1 FS	12	100	200	227	106	57	196	65	350	8 - 16	28
R-RA2058011300	58 ST E1 FS	12	115	230	251	122	41	213	75	384	8 - 18	35
R-RA2062011300	62 ST E1 FS	12	115	230	251	122	41	213	75	384	8 - 18	35
R-RA2068011300	68 ST E1 FS	12	142	280	289	129	41	213	75	384	10 - 18	42
R-RA2072011300	72 ST E1 FS	12	142	280	289	129	41	213	75	384	10 - 18	42

All electric E1 winches are also available in 24V

Electric Compact Winches



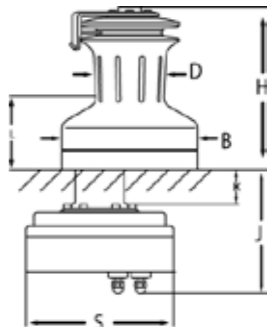
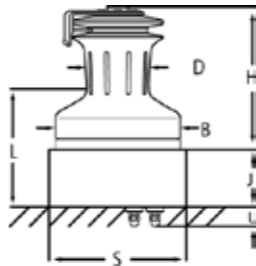
The designation Compact says it all. The pancake type electric motors have high power and small dimensions.

This makes it possible to install them in places where there is no room for conventional large motors. The power consumption of these motors is 30 - 50 % less than that of conventional motors.

Supplied with switch for variable speed



Compact on deck



Compact below deck

Product.-Nr.	Description	Volt	Drum	Basis	Height	Line Entry L mm	Max. Deck K mm	J mm	S mm	U mm	Weight kg	Rope Ø mm
			D mm	B mm	H mm							
R-RA2028014100	28 ST FS below deck	12	70	125	147	73	54	180	195	-	17	8 - 14
R-RA2028015100	28 ST FS on deck	12				151	45	85	200	40-75	16	
R-RA2034014100	34 ST FS below deck	12	70	125	147	73	54	180	195	-	17	8 - 14
R-RA2034015100	34 ST FS on deck	12				151	45	85	200	40-75	16	
R-RA2040014100	40 ST FS below deck	12	75	152	172	79	54	180	195	-	18	8 - 14
R-RA2040015200	40 ST FS on deck	12				157	45	85	200	40-75	17	
R-RA2046014100	46 ST FS below deck	12	89	180	202	89	62	188	195	-	21	8 - 14
R-RA2046015100	46 ST FS on deck	12				175	45	85	200	40-75	19	
R-RA2050014100	50 ST FS below deck	12	89	180	202	89	62	188	195	-	21	8 - 14
R-RA2050015100	50 ST FS on deck	12				175	45	85	200	40-75	19	
R-RA2052014100	52 ST FS below deck	12	100	200	220	106	62	174	250	-	30	8 - 16
R-RA2052015100	52 ST FS on deck	12				191	45	85	255	40-75	29	
R-RA2058214100	58 ST FS below deck	12	115	230	251	121	48	174	250	-	36	8 - 16
R-RA2058215100	58 ST FS on deck	12				196	45	85	255	40-75	34	
R-RA2062014100	62 ST FS below deck	12	115	230	251	121	48	174	250	-	36	8 - 16
R-RA2062015100	62 ST FS on deck	12				196	45	85	255	40-75	34	
R-RA2068014100	68 ST FS below deck	12	140	280	273	130	52	178	250	-	45	10 - 18
R-RA2068015100	68 ST FS on deck	12				208	45	88	282	40-75	51	
R-RA2072014100	72 ST FS below deck	12	140	280	273	130	52	178	250	-	45	10 - 18
R-RA2072015100	72 ST FS on deck	12				208	45	88	282	40-75	51	

All electric E1 winches are also available in 24V

# Winch handles



The Andersen winch handle is available in a classic stainless steel design with a single handle in 8"-200 mm and 10"-250 mm length. The new Ronstan Quick-Lock™ handles are made of forged aluminium, extremely light and strong. These handles are also available in a short 200 mm and a long 250 mm version and with two different ball bearing handle designs. One is the classic grip and the other is a so-called Palm Grip that allows tailing with two hands.

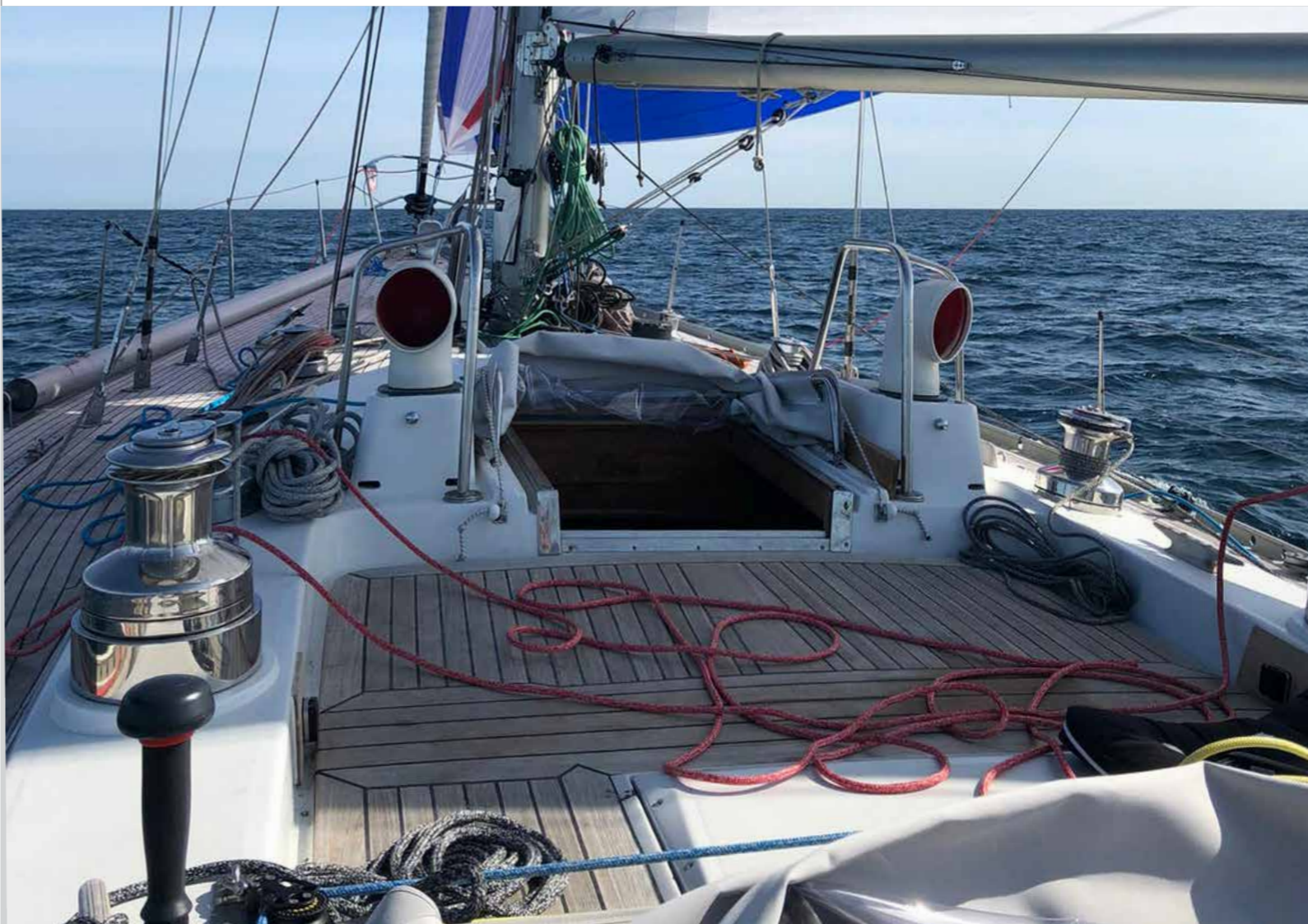
Product-Nr.	Version	Length mm	Locking device	Weight kg
R-RA507092	Single	125	Lock in	
R-RA507297	Single	203	Lock in	0,40
R-RA507298	Single	254	Lock in	0,45
R-RA507510	Single	254	Lock in	0,92
R-RA507520	heavy, Double handle	254	Lock in	1,11
R-RF4410	Single	200	Quick-Lock	0,42
R-RF4415	Single	250	Quick-Lock	0,45
R-RF4430	Racing	200	Quick-Lock	0,47
R-RF4435	Racing	250	Quick-Lock	0,53
R-RA510901	Replacement handle for Winch 90 (Winch is no longer in production)			
R-RA510911	Replacement handle for Winch 91			
R-RA511001	Replacement handle for Winch 100 (Winch is no longer in production)			
R-RA511011	Replacement handle for Winch 101			
R-RA511021	Replacement handle for Winch 102			

# Spare Part Kits

The spare parts kits contain springs, pawls and clips or snap rings that should be replaced regularly to prevent wear. Andersen winches should be serviced regularly. To do this, take off the drum and remove the old grease. The moving parts such as gears, axles and pawls, should be greased again with Andersen winch grease. This will give the winches an almost unlimited service life.



Product.-Nr.	Description
R-RA500001	Winch Grease
R-RA710001	Kit 1 Winch 12 ST, 18 St, 28 ST, 40 ST to 2007
R-RA710002	Kit 2 Winch 46 ST 1982-1993
R-RA710003	Kit 3 Winch 56 ST und 66 ST
R-RA710004	Kit 4 Winch 10, 16, 28, 40, 46
R-RA710005	Kit 5 Winch 56
R-RA710006	Kit 6 Basis-Kit Standard-Winches
R-RA710007	Kit 7 Winch 78 ST ab 10.2005
R-RA710008	Kit 8 Winch 52 ST
R-RA710009	Kit 9 Winch 110 ST
R-RA710010	Kit 10 Springs 20 Stk.
R-RA710011	Kit 11 Winch 46 ST 1993-1996
R-RA710012	Kit 12 Winch 58 ST, 62 ST
R-RA710013	Kit 13 Winch 68 ST, 72 ST
R-RA710014	Kit 14 Winch 90, 91, 101
R-RA710015	Kit 15 Winch 100, 101, 102
R-RA710016	Kit 16 Winch 6
R-RA710017	Kit 17 Winch 46 St 1997 to 07.2006
R-RA710018	Kit 18 Winch 12 ST, 18 ST, 28 ST, 34 ST from 2006
R-RA710019	Kit 19 Winch 46 ST ab 08.2006 (Version 4.0)
R-RA710020	Kit 20 Line Tender



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