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The ANDERSEN Winches™ Factory in Vejle, Denmark is equipped with the latest tooling and manufacturing technology. Our highly trained staff operate CNC-controlled machinery, and our engineers and designers use tomorrow's technologies to develop our future products. Yet, all of this is based on a firm foundation of unparalleled craftsmanship, ingenuity and tradition.

Features & Information



- ① AISI 329 (SIS 2324) high tensile stainless steel drive shaft.*¹
- ② 360 degree adjustable self-tailing arm.*²
- ③ Low friction, curved self-tailing arm – made possible due to the outstanding holding power of the drum and low load transfer to the self tailing head.
- ④ Stainless-steel ball bearings address vertical and horizontal loads from the drum.*³
- ⑤ Upper ball bearing and lower roller bearing races are designed at the maximum possible distance apart, resulting in increased efficiency and support for the drum.
- ⑥ Large-diameter roller bearings counteract drum loads and provide low friction efficiency.*⁴
- ⑦ Ease of servicing with captive pawls and springs.

Features

Get a grip with ANDERSEN Winches™

- ⑧ Unbreakable Pawls made from cold-pressed AISI 316L stainless-steel bar.
- ⑨ Maximum length coil springs for extended service life.
- ⑩ Aluminium bronze base / stem - twice the strength of standard bronze - provides a light, stiff and rugged construction that increases efficiency.
- ⑪ Self-tailing system adjusts automatically to cater to a variety of rope sizes.
- ⑫ Highly polished and lightweight stainless-steel drum, with Power Rib™ ensures a superior grip without line wear.
- ⑬ The combination of horizontal resistance provided by the Power Ribs™ and minimum vertical friction of the highly polished drum surface, allows the line to slide easily up the drum eliminating the chance of dangerous overrides.
- ⑭ Clever design and material selection - from the fabricated stainless-steel drum to aluminium bronze internal components - results in ANDERSEN Winches™ being of similar weight to or lighter than aluminium winches.
- ⑮ Normal servicing is only required every 2 years.

*¹ Sizes 46ST and above

*² Excluding 18ST & 28 ST

*³ Sizes 52ST and above

*⁴ Excluding 18ST

Power Rib™

Major Effect with Minor Effort

Get a Grip

ANDERSEN Winches™ feature the Power Rib™. Unlike other winches with abrasive drum surfaces, ANDERSEN Winch™ drums have vertical ribs running up the surface. This combined with the smooth polished stainless steel gives a maximum grip and minimum wear on ropes, reducing the replacements costs of sheets and halyards. What's more, the Power Rib™ principle simply makes sailing more pleasurable. Fewer turns on the winch make tacking easier. Sheets can be gently eased out without harsh snatching and the risks of overrides and jammed sheets are significantly reduced. The grip provided by the ribs will remain the same year after year, unlike many other winches with an abrasive or sandpaper-like surface. Such surfaces have a tendency to wear down both ropes and themselves.

It's all about protecting your investment. With ANDERSEN Winches™, this protection is guaranteed, as the drum maintains its grip year after year. Keeping wear and tear to a minimum also helps maintain resale value, and our 3-year warranty and instant service in more than 30 countries worldwide amount to a benchmark standard.

Low maintenance is a key — and with ANDERSEN Winches™, you can take it for granted. Our winches require less maintenance, since all

pawls and springs are captive, and the design of the winch allows you to strip it down for service and greasing.

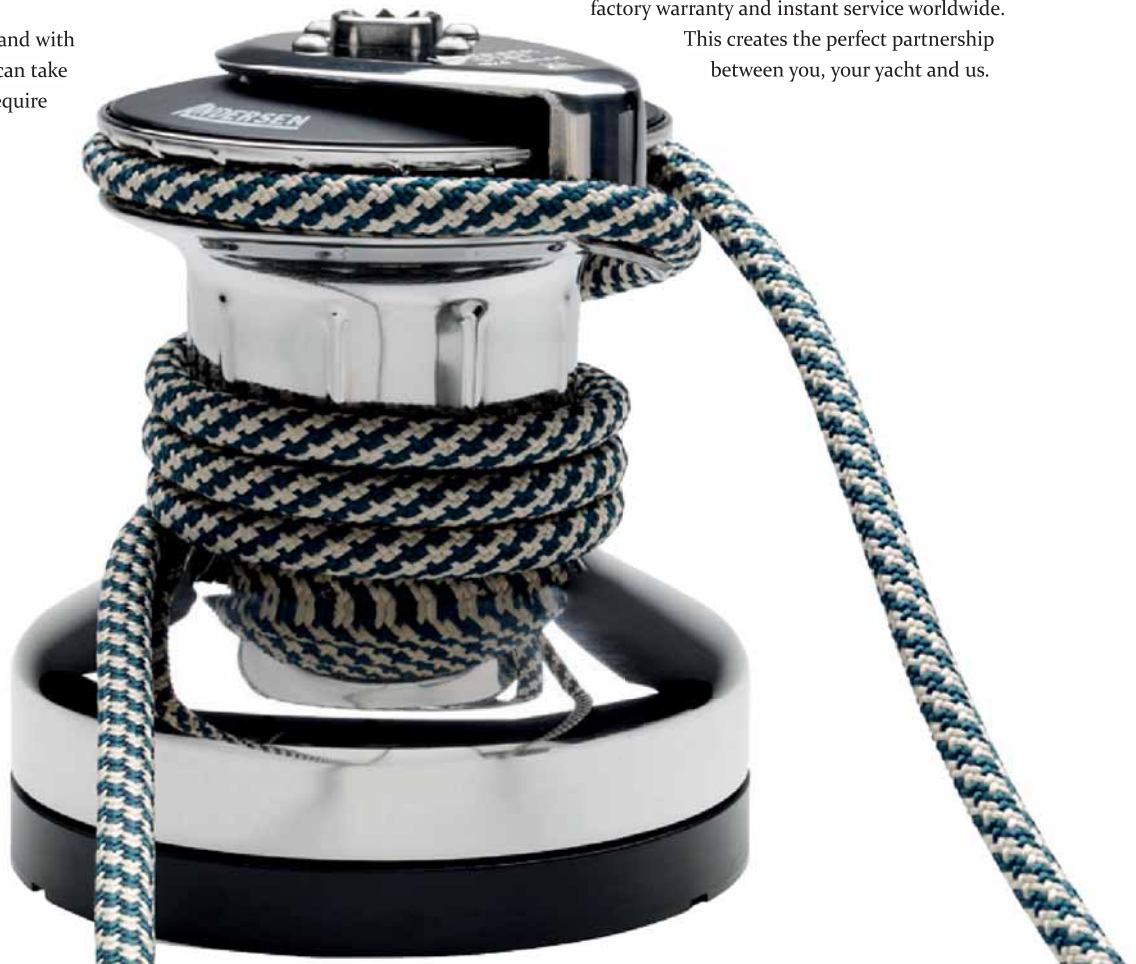
The materials used in winches are crucial — and ANDERSEN Winches™ are made from the best materials available. The aluminium-bronze alloy base plate is approximately 2 1/2 times stronger than traditional bronze. The pawls, made from machined AISI 316 cold-pressed stainless steel, are so strong that the winches never risk backing off.

The Premium Choice - for Many Reasons

ANDERSEN Winches™ has over 50 years of experience, and the company's employees are dedicated to quality manufacturing. Our procedures are based on the toughest demands in the business, and our engineers strive constantly to improve our products even further.

With ANDERSEN Winches™, you can be assured of a firm hold on your equipment — stretching from dedicated manufacturing to a factory warranty and instant service worldwide.

This creates the perfect partnership between you, your yacht and us.



Self Tailing Winches

Self Tailing

Experience Empowerment



The ANDERSEN name is synonymous with precision, reliability and the ability to adapt to any situation. For our customers, this adds up to pure empowerment, allowing you to manage your sails and your boat with the utmost efficiency. Self-tailing winches with the ANDERSEN name are supremely trustworthy, allowing you to focus on sailing. All ANDERSEN Winches™ feature stainless steel Power Rib™ drums that ensure a smooth surface and a corrosion-free winch that is built to last. ANDERSEN Self-Tailing Winches extend the service life of your sheets and halyards and the winch itself, since the Power Rib™ and the smooth surface of the drum require fewer turns compared to other winches. In addition, the self-tailing device is designed to accommodate a number of different of sheet and halyard sizes — enabling the winch to serve many different purposes and providing you with a range of products to choose from, no matter what you sail.

A special option for ANDERSEN Winches™ is a choice of having your own winch titanium-coated whichever matches your boat. This means that the surface of your ANDERSEN Winch™ will never show wear and tear.



Winches



Self Tailing Winches

Full Stainless

Self-Tailing Winches



Full Stainless - Beyond Good Looks

We have developed an entirely stainless winch. This is a prerequisite for the yachtsman who places honour in making his yacht look its best. ANDERSEN Full Stainless is beauty at work, enhancing the unique image of your boat and the sheer pleasure of beholding it. A synthetic cap and base are replaced with stainless steel parts, transforming the winch into an aesthetic statement.

Enigma 34 one design



Self Tailing Winches

Uncompromising quality is our mission, and quality is a key word throughout our organization and in all our products, services and innovations. Quality can be defined technically — but it can also be defined by the values and preferences of our customers. To us, quality is the sum total of design excellence, technical specifications and a lifetime of experience, topped with extensive quality control in manufacturing.



Standard Self-Tailing Winches

Winch Model	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Line Size [mm]	Weight [kg]	Gear Ratio 1 st speed	Gear Ratio 2 nd speed	Power Ratio 1 st speed	Power Ratio 2 nd speed	Product No.
12 ST	70	115	130	44	8-14	2.5	1.3:1	n/a	9.5:1	n/a	RA2012000000
18 ST	70	120	136	50	8-14	3.3	2.6:1	n/a	18.8:1	n/a	RA2018000000
28 ST	70	125	151	65	8-14	4.0	1.3:1	3.7:1	9.5:1	26.5:1	RA2028000000
40 ST	75	152	174	71	8-14	4.9	1.3:1	6.0:1	8.5:1	39.5:1	RA2040000000
46 ST	89	180	209	90	8-14	7.6	2.8:1	8.4:1	15.5:1	46.6:1	RA2046000000
52 ST	100	200	228	106	8-16	10.3	3.2:1	10.5:1	16.2:1	52.0:1	RA2052000000
58 ST	115	230	257	111	8-18	14.6	3.7:1	13.1:1	16.1:1	57.7:1	RA2058000000
62 ST	115	230	257	111	8-18	14.6	3.7:1	14.4:1	16.1:1	62.6:1	RA2062000000
68 ST	140	280	280	120	10-18	22.5	5.8:1	18.8:1	20.7:1	67.1:1	RA2068000000
72 ST	140	280	280	120	10-18	22.5	5.8:1	20.3:1	20.7:1	72.6:1	RA2072000000

Full Stainless Self-Tailing Winches

Winch Model	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Line Size [mm]	Weight [kg]	Gear Ratio 1 st speed	Gear Ratio 2 nd speed	Power Ratio 1 st speed	Power Ratio 2 nd speed	Product No.
12 ST FS	70	115	130	44	8-14	2.6	1.3:1	n/a	9.5:1	n/a	RA2012010000
18 ST FS	70	120	136	50	8-14	3.3	2.6:1	n/a	18.8:1	n/a	RA2018010000
28 ST FS	70	125	151	65	8-14	4.1	1.3:1	3.7:1	9.5:1	26.5:1	RA2028010000
40 ST FS	75	152	174	71	8-14	5	1.3:1	6.0:1	8.5:1	39.5:1	RA2040010000
46 ST FS	89	180	209	90	8-14	7.8	2.8:1	8.4:1	15.5:1	46.6:1	RA2046010000
52 ST FS	100	200	228	106	8-16	11.1	3.2:1	10.5:1	16.2:1	52.0:1	RA2052010000
58 ST FS	115	230	257	111	8-18	15.8	3.7:1	13.1:1	16.1:1	57.7:1	RA2058010000
62 ST FS	115	230	257	111	8-18	15.8	3.7:1	14.4:1	16.1:1	62.6:1	RA2062010000
68 ST FS	140	280	280	120	10-18	24.6	5.8:1	18.8:1	20.7:1	67.1:1	RA2068010000
72 ST FS	140	280	280	120	10-18	24.6	5.8:1	20.3:1	20.7:1	72.6:1	RA2072010000
78 ST FS	170	320	375	170	16-22	40.7	7.0:1	26.7:1	20.0:1	78.0:1	RA2078010000
110 ST FS	250	395	426	170	16-25	70.4	10.2:1	56.1:1	19.0:1	106.0:1	RA2110010000

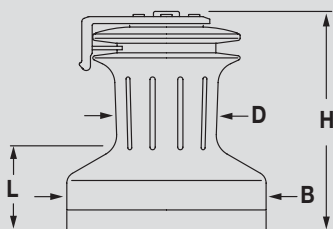
Power Ratio

Power ratio is the mechanical advantage of the winch and is calculated as follows:

$$\frac{\text{length of handle} \times \text{gear ratio}}{\text{radius of drum}}$$

The pull of the winch is based on the power ratio and not just on the physical size of the winch or the diameter of the drum. The power ratio is used to determine the load the winch may handle as follows: pull of handle (kg) x power ratio = pull of winch (kg).

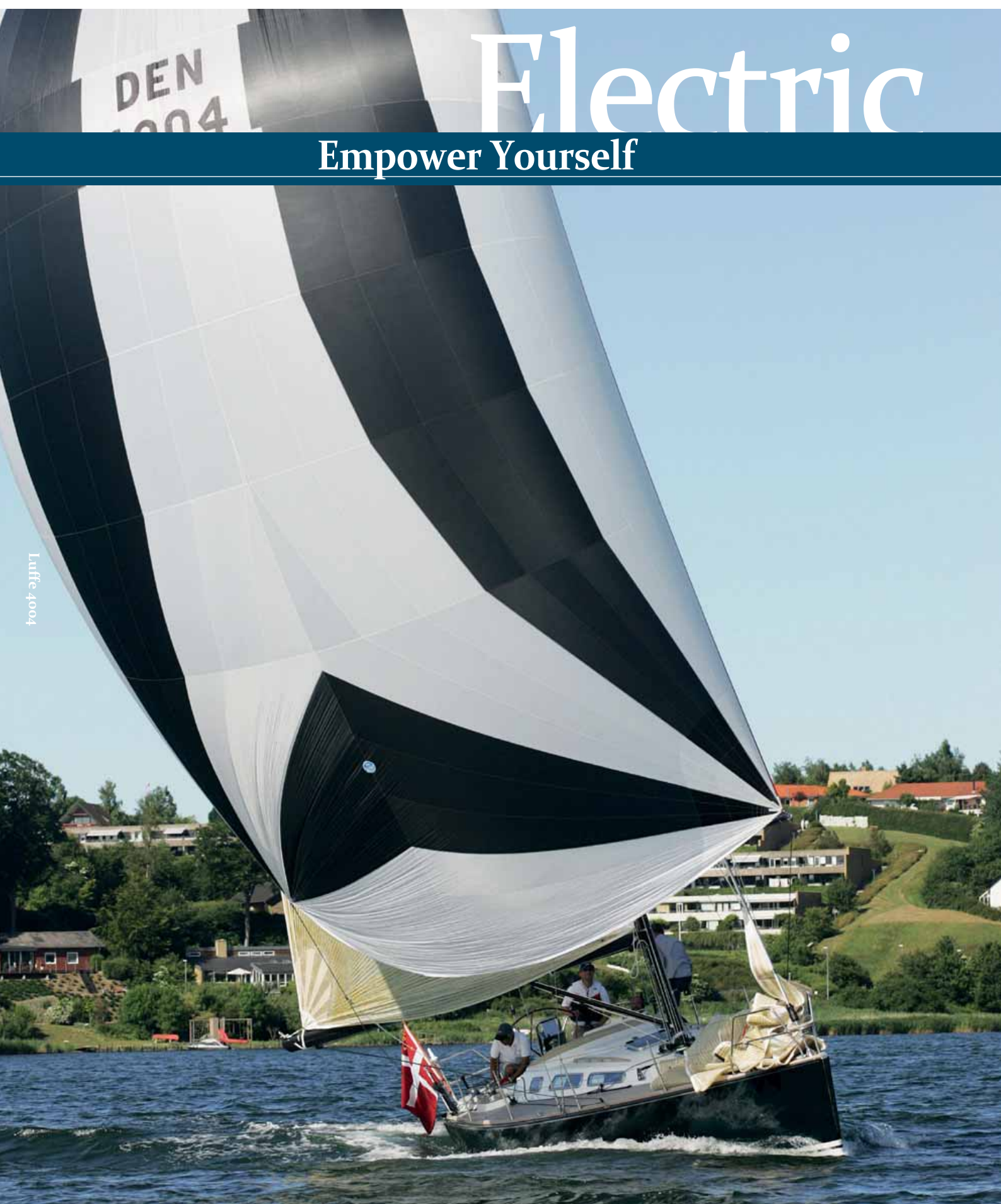
This means that by applying a load of 10 kg, using a 10" standard handle, on a power ratio 40:1 winch, the winch can pull 400 kg, assuming that the winch is 100% efficient. This is not possible in practice as the efficiency is reduced by internal mechanical friction losses.



Electric

Empower Yourself

Luffe 4004



Winches



Managing your boat is a demanding task — sails represent a challenge. The challenge of managing them correctly, managing them yourself, and doing so in time basically amounts to managing the powers of nature. So why not empower yourself with this ability? ANDERSEN Electric Winches are the right tools for the job. Representing a combination of safe sailing and convenient push-button technology, these winches are also designed to allow easy assembly and dismantling for service and maintenance. In addition, the motor is protected from overload by an amperage sensor installed to cut off power at a pre-set load. As a further precaution, all electric motors are fitted with thermal cutouts in case of overheating.



ANDERSEN Electric Winches are supplied complete with an installation manual, electronics box, switches, and cable terminals.

Choosing the right equipment is an important job. It requires more than just adding a motor. Careful consideration should be given to all factors that have an impact on your sailing experience: boat size, sailing conditions, crew and convenience. Often, the choice is more complex than just the size of the motor. The source of power is also important. Hydraulic or electric — or manual for starters, and then growing with the challenge — the choice is yours.

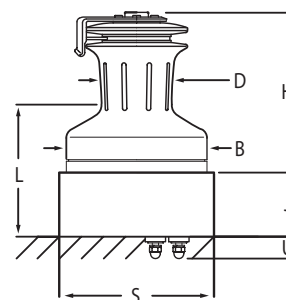


Compact Motor™ Electric Winches



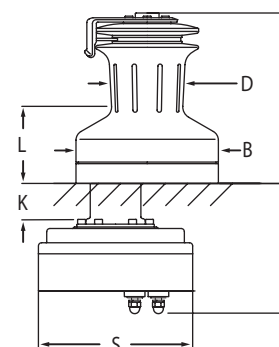
Compact Motor™ Electric Winches - Variable Speed, Above Deck

Winch Model	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Line Size [mm]	Weight [kg]	Max Deck "K" [mm]	Motor Height "J" [mm]	Motor Diam "S" [mm]	Motor Depth "U" [mm]	Product No. 12V	Product No. 24V
28 STE	70	125	151	151	8-14	16	45	86	200	40-75	RA2028005100	RA2028005200
40 STE	75	152	174	157	8-14	17	45	86	200	40-75	RA2040005100	RA2040005200
46 STE	89	180	209	175	8-14	19	45	85	200	40-75	RA2046005100	RA2046005200
52 STE	100	200	228	191	8-16	29	45	85	255	40-75	RA2052005100	RA2052005200
58 STE	115	230	257	196	8-18	34	45	85	255	40-75	RA2058005100	RA2058005200
62 STE	115	230	257	196	8-18	34	45	85	255	40-75	RA2062005100	RA2062005200
68 STE	140	280	280	208	10-18	51	45	88	282	40-75	RA2068005100	RA2068005200
72 STE	140	280	280	208	10-18	51	45	88	282	40-75	RA2072005100	RA2072005200



Compact Motor™ Electric Winches - Variable Speed, Below Deck

Winch Model	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Line Size [mm]	Weight [kg]	Max Deck "K" [mm]	Motor Height "J" [mm]	Motor Diam "S" [mm]	Product No. 12V	Product No. 24V
28 STE	70	125	159	73	8-14	17	54	180	195	RA2028004100	RA2028004200
40 STE	75	152	182	79	8-14	18	54	180	195	RA2040004100	RA2040004200
46 STE	89	180	209	90	8-14	21	62	188	195	RA2046004100	RA2046004200
52 STE	100	200	238	116	8-16	30	48	174	250	RA2052004100	RA2052004200
58 STE	115	230	267	121	8-18	36	48	174	250	RA2058004100	RA2058004200
62 STE	115	230	267	121	8-18	36	48	174	250	RA2062004100	RA2062004200
68 STE	140	280	290	130	10-18	45	52	178	250	RA2068004100	RA2068004200
72 STE	140	280	290	130	10-18	45	52	178	250	RA2072004100	RA2072004200



Note! Larger "K" measurements are available as an option

Size Does Matter

Experience Empowerment

Choosing the right equipment is an important job. It requires more than just adding a motor. Careful consideration should be given to all factors that have an impact on your sailing experience: boat size, sailing conditions, crew and convenience. Often, the choice is more complex than just the size of the motor. The source of power is also important. Hydraulic or electric — or manual for starters, and then growing with the challenge — the choice is yours.

The latest addition to our range of uncompromising electrical winches is the ANDERSEN Variable-speed Compact Motor™. ANDERSEN Variable-speed Compact Motor™ is especially developed for use as a winch motor. It is available in two versions; Below Deck, with smaller, built-in dimensions than a standard motor and Above Deck, featuring the winch mounted

directly on the motor for deck or mast installation. This motor is highly efficient, with an impressive line speed and first-rate maximum load. The unit is extremely easy to install and is of course compatible with the ANDERSEN Modular Power System™. This motor demonstrates why ANDERSEN Products are in a class of their own. When we say Compact, we mean Compact – We developed the motor with the size and shape of a winch in mind and then integrated the motor, gears and power control to make one Compact unit. That means no extra control boxes, all cables are connected directly to the unit. The motor is built on an entirely new commutator principle using no carbon brushes, resulting in the virtual elimination of wear and tear. This new approach to motors also provides other advantages; including 30-50% less power consumption compared to a conventional electric motor.

SE 2+1 Standard Electric Winches - 2 Manual + 1 Electric Speeds

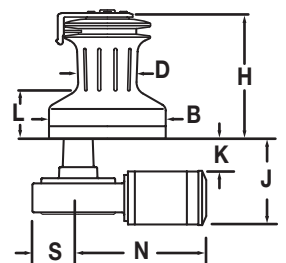
Winch Model	Gear Type	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Line Size [mm]	Weight [kg]	Max Deck "K" [mm]	Motor Depth "J" [mm]	Gear Length "S" [mm]	Motor Length "N" [mm]	Product No. 12V	Product No. 24V
28 STE	2+1	70	125	159	73	8-14	17	49	180	64	240	RA2028001100	RA2028001200
40 STE	2+1	75	152	182	79	8-14	18	49	180	64	240	RA2040001100	RA2040001200
46 STE	2+1	89	180	209	90	8-14	20	57	188	64	240	RA2046001100	RA2046001200
52 STE	2+1	100	200	238	116	8-16	24	43	174	64	249	RA2052001100	RA2052001200
58 STE	2+1	115	230	267	121	8-18	34	43	201	81	311	RA2058001100	RA2058001200
62 STE	2+1	115	230	267	121	8-18	34	43	201	81	311	RA2062001100	RA2062001200
68 STE	2+1	140	280	290	130	10-18	41	43	201	81	311	RA2068001100	RA2068001200
72 STE	2+1	140	280	290	130	10-18	41	43	201	81	311	RA2072001100	RA2072001200

Note! Larger "K" measurements are available as an option

SE 2+2 Standard Electric Winches - 2 Manual + 2 Electric Speeds

Winch Model	Gear Type	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Line Size [mm]	Weight [kg]	Max Deck "K" [mm]	Motor Depth "J" [mm]	Gear Length "S" [mm]	Motor Length "N" [mm]	Product No. 12V	Product No. 24V
46 STE	2+2	89	180	209	90	8-14	29	74	200	100	288	RA2046002100	RA2046002200
52 STE	2+2	100	200	238	116	8-16	33	60	186	100	288	RA2052002100	RA2052002200
58 STE	2+2	115	230	267	121	8-18	40	60	193	100	325	RA2058002100	RA2058002200
62 STE	2+2	115	230	267	121	8-18	40	60	193	100	325	RA2062002100	RA2062002200
68 STE	2+2	140	280	290	130	10-18	51	60	193	100	325	RA2068002100	RA2068002200
72 STE	2+2	140	280	290	130	10-18	51	60	193	100	325	RA2072002100	RA2072002200
78 STE FS	2+2	170	320	375	170	16-22	91	95	275	150	490	n/a	RA2078012200
110 STE FS	2+2	250	395	426	170	16-25	136	74	390	125	500	n/a	RA2110012200

Note! Larger "K" measurements are available as an option



Hydraulic Winches

Hydraulic

Experience Empowerment



Based on our unique Modular Power System™, ANDERSEN Hydraulic Winches create a solid foundation for distributing power throughout your boat. Smooth running and reliable performance are not the only advantages provided by ANDERSEN Technology – design and versatility are equally important aspects of our products. Single-speed or 2-speed

Hydraulic winches — it is your choice when using an ANDERSEN Winch™ model 46ST and up. Combining our winches with the Modular Power System™ and our Power Packs provide you with all the power you need. We have developed a full set of data sheets containing all the detailed information you require to run your yacht.

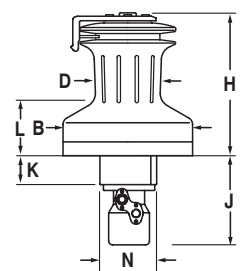
Winches

X-Yachts X-46

2+1 Hydraulic Winches - 2 Manual + 1 Hydraulic Speeds

Winch Model	Gear Type	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Line Size [mm]	Weight [kg]	Max Deck "K" [mm]	Motor Depth "J" [mm]	Gear Width "N" [mm]	Product No.
46 STH	2+1	89	180	209	90	8-14	19	68	252	130	RA2046003100
52 STH	2+1	100	200	238	116	8-16	23	54	246	130	RA2052003100
58 STH	2+1	115	230	267	121	8-18	30	54	252	130	RA2058003100
62 STH	2+1	115	230	267	121	8-18	30	54	252	130	RA2062003100
68 STH	2+1	140	280	290	130	10-18	41	60	232	130	RA2068003100
72 STH	2+1	140	280	290	130	10-18	41	60	232	130	RA2072003100
78 STH FS	2+1	170	320	375	170	16-22	59	85	233	n/a	RA2078013100
110 STH FS	2+1	250	395	426	170	16-25	96	80	285	n/a	RA2110013100

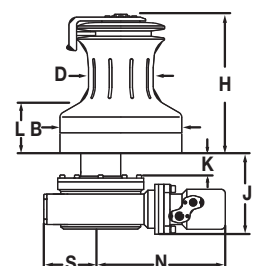
Note! Larger "K" measurements are available as an option



2+2 Hydraulic Winches - 2 Manual + 2 Hydraulic Speeds

Winch Model	Gear Type	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Line Size [mm]	Weight [kg]	Max Deck "K" [mm]	Max Depth "J" [mm]	Gear Length "S" [mm]	Motor Length "N" [mm]	Product No. 24V
46 STH	2+2	89	180	209	90	8-14	24	74	200	100	226	RA2046003200
52 STH	2+2	100	200	238	116	8-16	28	60	186	100	231	RA2052003200
58 STH	2+2	115	230	267	121	8-18	36	60	193	100	259	RA2058003200
62 STH	2+2	115	230	267	121	8-18	36	60	193	100	259	RA2062003200
68 STH	2+2	140	280	290	130	10-18	46	60	193	100	261	RA2068003200
72 STH	2+2	140	280	290	130	10-18	46	60	193	100	261	RA2072003200
78 STH FS	2+2	170	320	375	170	16-22	87	95	275	150	306	RA2078013200
110 STH FS	2+2	250	395	426	170	16-25	99	80	346	n/a	n/a	RA2110013200

Note! Larger "K" measurements are available as an option



Power Packs

Convenient Power Build-Up

X-Yachts X-50



Dimension your power to your exact needs. ANDERSEN Power Packs are delivered as custom built — or in Midi and Mini 24V (Mini 11 l/min 140 bar, Midi 22 l/min 140 bar) versions. ANDERSEN Power Packs form an integral part of a modular system that can grow with your needs. They are designed to be fully flexible and can fit custom tanks or any suitable available space — with the option of adding engine driven pumps to the system. A full and flexible system open to later additions and services.

Larger yachts over 60 ft. are built to the customer's individual specifications, and careful consideration of design aspects is necessary to satisfy the particular hydraulic needs of individual owners. Our hydraulic team is headed by one of the most experienced super-yacht hydraulic systems design teams. We are pleased to discuss with the owner, designer and builder the full requirements of a particular project, and convert this information into a workable system with all necessary redundancy and technical back-up.

For further details and data sheets see our web www.andersenwinches.com



Midi Power Pack

Capstans

Mooring Handling by Power



ANDERSEN Capstans

A new range of ANDERSEN Capstans has been designed featuring the well recognised and unique ANDERSEN advantages, based on decades of winch production.

The ANDERSEN Capstans are all made in high polished stainless steel and alloy bronze which secure a long and trouble free life with a minimum need of maintenance. The well-known ANDERSEN Power Rib™ grip is just one of many features which make the ANDERSEN Capstans a truly unique product.

The ANDERSEN Capstans comes with electric or hydraulic power and the range starts from medium sized Yachts up to Mega Yachts.

For further information please see www.andersenwinches.com or contact your local ANDERSEN distributor.

Modular

Evolution through Development

All ANDERSEN Winches™ size 28ST to 110ST are factory prepared to work with the Modular Power System™ (MPS). This system allows you to add power to your ANDERSEN Winches™—either electrically or hydraulically.



Power System™



The Modular Power System™ is engineered with a focus on flexibility and simplicity. The flexibility makes it possible to choose and implement a motor-powered unit at a convenient time, since all ANDERSEN Self-Tailing Winches (28ST and above) are factory prepared for future change. Simplicity means very easy installation of your chosen powered unit. *Please note that the 28ST and 40ST models are also available in the Compact and 2+1 SE versions. For further information please contact your local ANDERSEN distributor regarding the MPS for the Compact Above Deck version.

The modular design of this system also shows in the fact that a single-speed electric powered unit can be replaced with a 2-speed electric or hydraulic unit — simply by removing the center nut and mounting a new unit. No new holes are required.

Installing an ANDERSEN Modular Power System™ below deck is easy. Simply remove the bolts holding the existing winch, drill a small hole for the shaft, and bolt the connecting plate onto the deck using the mounting holes from the existing winch. The winch itself is then bolted onto the connecting plate.

This makes service a simple matter of loosening the bolts on the connecting plate and removing the powered unit by loosening the center nut on the conversion unit. The connecting plate always remains fitted on the deck. The same principle applies if the winch needs servicing: simply loosen the bolts and remove the winch.

The new Compact Motor™ in above deck version is mounted directly on the deck, and the winch is mounted directly onto the motor — without the need for a mounting plate. Subsequent dismantling is just as easy.



Owners of ANDERSEN Products are members of a large and growing family. The very first ANDERSEN Winches™ are still out there doing a great job, and many of our customers have either upgraded or supplemented the winches on their yacht. The simple reason for this is that the quality of ANDERSEN Winches™ lasts forever. This is why thousands of winches are sold each year to the complete satisfaction of enthusiastic yachtsmen in more than 35 countries worldwide.

Conversion Kits

Conversion

Quality Time at Sea Requires Quality Equipment Onboard

Converting from manually operated to motor-driven is made easy by ANDERSEN Conversion Kits. Our conversion kits can be fitted to your ANDERSEN Winch™ from size 28ST to 110ST. Installation is made easy by the Modular Power System™. If in doubt, please consult your distributor for more specific information regarding conversion kits for your ANDERSEN Winches™. Even more detailed information and installation guidelines are available via our separate Electric or Hydraulic Data Sheets.

Electric Conversion Kits

Available with a single-speed, 2-speed gearbox or Compact Motor™ in 12V or 24V models for winches size 28ST to 72ST.

Conversion Kits - Compact Motors™, Variable Speed				
	Electric 12V Below Deck Product No.	Electric 12V Above Deck Product No.	Electric 24V Below Deck Product No.	Electric 24V Above Deck Product No.
28 ST	RA2028204100	RA2028205100	RA2028204200	RA2028205200
40 ST	RA2040204100	RA2040205100	RA2040204200	RA2040205200
46 ST	RA2046204100	RA2046205100	RA2046204200	RA2046205200
52 ST	RA2052204100	RA2052205100	RA2052204200	RA2052205200
58 ST	RA2058204100	RA2058205100	RA2058204200	RA2058205200
62 ST	RA2062204100	RA2062205100	RA2062204200	RA2062205200
68 ST	RA2068204100	RA2068205100	RA2068204200	RA2068205200
72 ST	RA2072204100	RA2072205100	RA2072204200	RA2072205200

Please contact your local dealer for complete Conversion Kit details.
The above Product No.s are for the latest standard Self-Tailing Winch versions.

Conversion Kits - Standard Electric & Hydraulic						
	Electric 12V 2+1 Product No.	Electric 12V 2+2 Product No.	Electric 24V 2+1 Product No.	Electric 24V 2+2 Product No.	Hydraulic 2+1 Product No.	Hydraulic 2+2 Product No.
28 ST	RA2028201100	n/a	RA2028201200	n/a	n/a	n/a
40 ST	RA2040201100	n/a	RA2040201200	n/a	n/a	n/a
46 ST	RA2046201100	RA2046202100	RA2046201200	RA2046202200	RA2046203100	RA2046203200
52 ST	RA2052201100	RA2052202100	RA2052201200	RA2052202200	RA2052203100	RA2052203200
58 ST	RA2058201100	RA2058202100	RA2058201200	RA2058202200	RA2058203100	RA2058203200
62 ST	RA2062201100	RA2062202100	RA2062201200	RA2062202200	RA2062203100	RA2062203200
68 ST	RA2068201100	RA2068202100	RA2068201200	RA2068202200	RA2068203100	RA2068203200
72 ST	RA2072201100	RA2072202100	RA2072201200	RA2072202200	RA2072203100	RA2072203200
78 ST FS	n/a	n/a	n/a	RA2078212200	RA2078213100	RA2078213200
110 ST FS	n/a	n/a	n/a	RA2110212200	RA2110213100	RA2110213200

Please contact your local dealer for complete Conversion Kit details.
The above Product No.s are for the latest standard Self-Tailing Winch versions.

The ANDERSEN 78ST FS and 110ST FS winches are only available as a 2-speed, 24V model. The electric conversion kits are delivered mounted to the stainless steel connection plate – complete with an installation manual, electronic box, switches, and cable terminals.

Hydraulic Conversion Kits

The hydraulic conversion kits can be fitted to ANDERSEN Winches™ size 46ST to 110ST FS. The hydraulic kits are delivered mounted on the connection plate, complete with a hydraulic motor and installation manual.



Standard Electric
2+2



Compact Motor™
Electric Below Deck



Hydraulic
2+1



Hydraulic
2+2



Standard Electric
2+1

Kits

Najad 440 AC – photo by Rick Tomlinson

Standard Winches

Standard

Uncompromising Quality



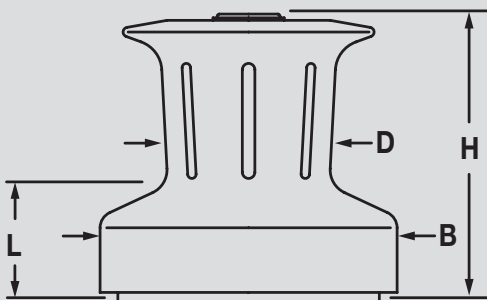
Standard Winches

Winch Model	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Weight [kg]	Gear Ratio 1 st speed	Gear Ratio 2 nd speed	Power Ratio 1 st speed	Power Ratio 2 nd speed	Product No.
10	57	92	89	28	1.1	1.0:1	n/a	9.5:1	n/a	RA500010
16	60	114	110	45	2.6	1.0:1	2.0:1	8.3:1	16.6:1	RA500016
28	70	124	126	53	3.3	1.0:1	4.0:1	7.1:1	28.6:1	RA500028
40	76	136	140	63	3.9	1.0:1	6.4:1	6.5:1	42.5:1	RA500040
46	78	143	140	63	4.0	1.0:1	6.4:1	6.4:1	45.6:1	RA500046
58	115	230	220	100	14.4	3.7:1	13.1:1	16.1:1	57.7:1	RA500058

Winches

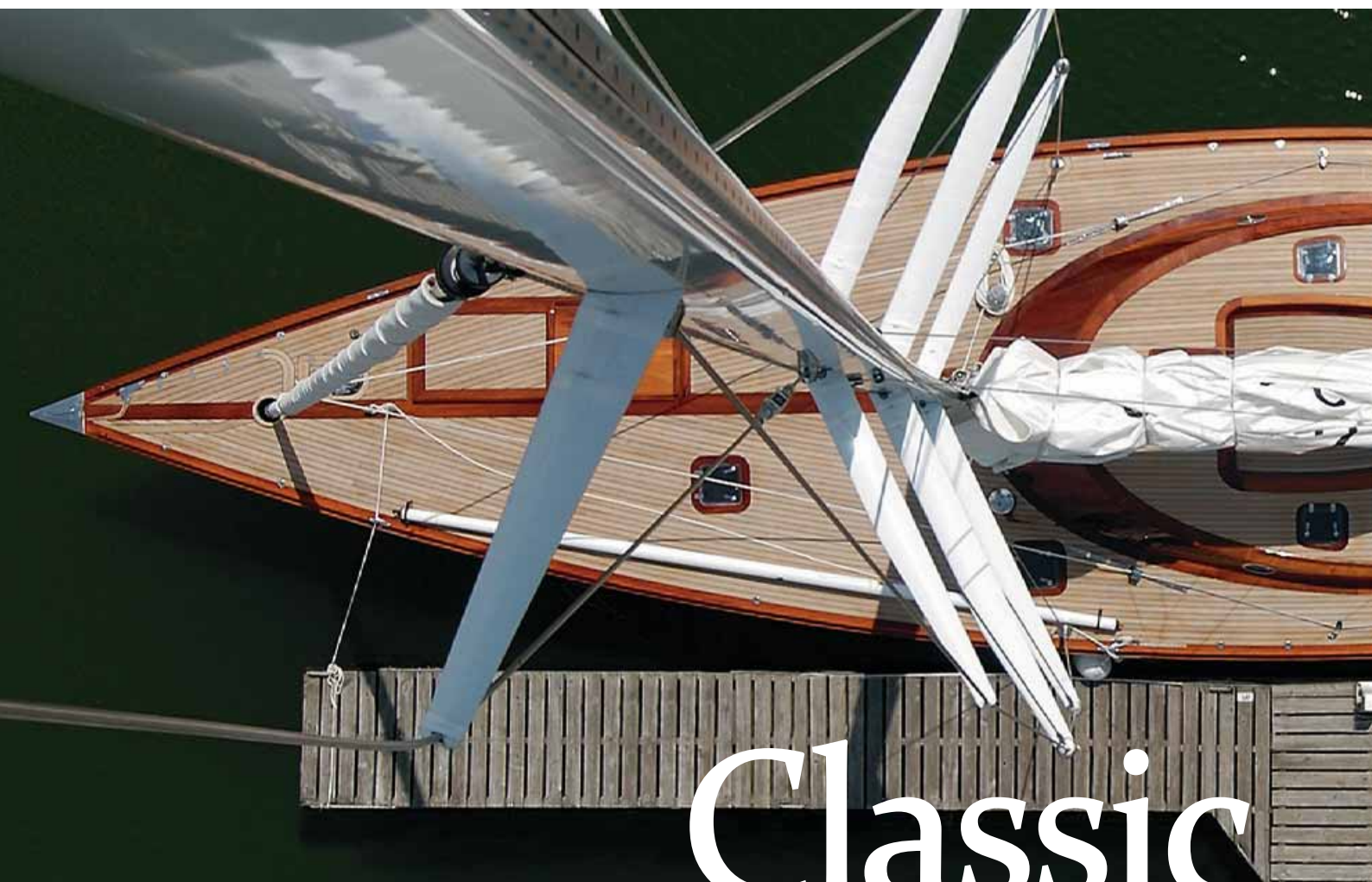


Match 28



Small yachts need quality winches just as much as large yachts. The crews of small yachts also need to economise on manpower, and there is a need for positive sheet adjustment. Uncompromising quality is an ANDERSEN Winches™ hallmark that starts with standard winches. Manufactured in stainless steel, these all feature the Power Rib™ to facilitate winching under all conditions and circumstances.

Classic Winches



Classic

In a Class of Their Own

For Winch 101
RA511011



For Winch 91
RA510911

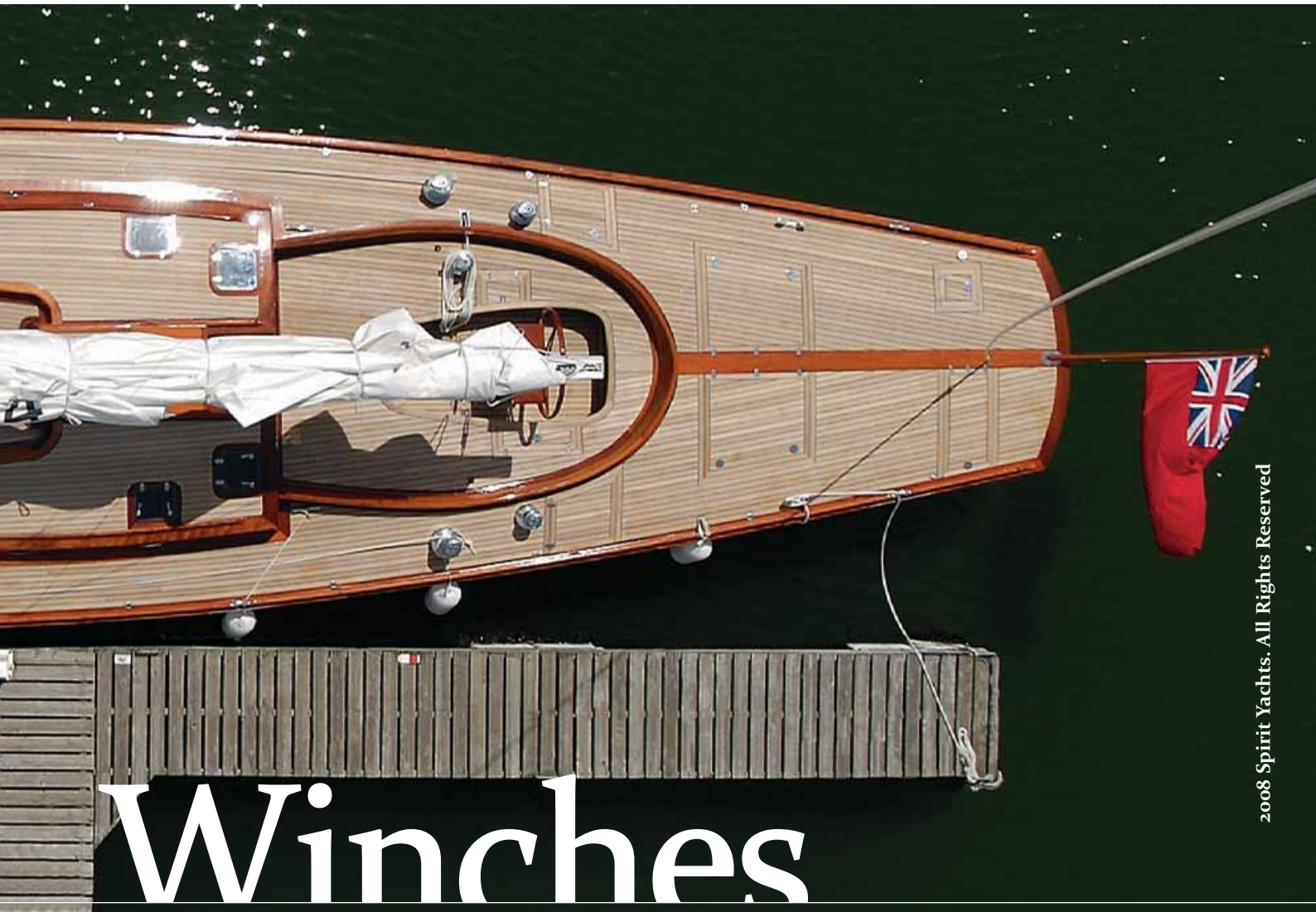


Classic ANDERSEN Winches™ are fitted worldwide as standard on Dragon, H-boats, Folkboats among many others. These winches have become a legend in their class, and can be used on any yacht of up to 2 tons' displacement.

Classic ANDERSEN Winches™ — except for model 28STU — have one gear and can be operated as either a bottom-action winch or an under-deck version with various shaft lengths. Please refer to table to make the correct choice.

A feature of the classic single-speed winch is that the handle can be pumped. On this type of winch, the handle is included in the price — except for an model 28STU. What's more all handles can be purchased separately.

The ANDERSEN Classic Range also offers a choice of under-deck self-tailing winches, particularly suitable for yachts with open cockpits.



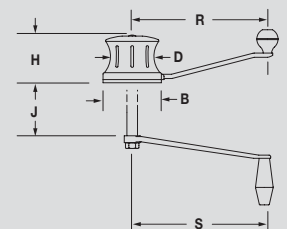
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Classic Winches

Winch Model	Drum "D" [mm]	Base "B" [mm]	Height "H" [mm]	Line Entry "L" [mm]	Line Size [mm]	Weight [kg]	Gear Ratio 1 st speed	Gear Ratio 2 nd speed	Power Ratio 1 st speed	Power Ratio 2 nd speed	Max Depth "J" [mm]	Handle Length "S" [mm]	Handle Length "R" [mm]	Product No.
12 ST U	70	115	132	44	8 - 14	4.2	1.3:1	n/a	9.5:1	n/a	150	254	n/a	RA500215
28 ST U	70	125	159	65	8 - 14	6.1	1.3:1	3.7:1	9.5:1	26.5:1	150	254	n/a	RA500229
91	51	80	94	n/a	n/a	1.0	1.0:1	n/a	8.0:1	n/a	n/a	n/a	203	RA510091
101	83	111	89	n/a	n/a	1.5	1.0:1	n/a	5.5:1	n/a	n/a	n/a	254	RA510101
102	83	111	74	n/a	n/a	2.0	1.0:1	n/a	5.5:1	n/a	150	240	n/a	RA510102
102	83	111	74	n/a	n/a	2.1	1.0:1	n/a	5.5:1	n/a	200	240	n/a	RA510103
102	83	111	74	n/a	n/a	1.9	1.0:1	n/a	5.5:1	n/a	100	240	n/a	RA510105



When investing in quality at sea, you are investing on multiple levels — and with the joy of multi-level returns on your investment. Safety at sea is always a result of sound investments in the right equipment. Therefore, if your equipment grows with your needs and skills — as it can with ANDERSEN Products — you can rest assured that your investment is safe.



Accessories

Experience Empowerment

ANDERSEN Line Tenders have been developed for easy and simple spinnaker up/downhaul, genoa-car and furling-jib systems. By operating a spring-loaded pin, you can select left or right ratcheting. Removing the drum and rotating the pawl housing 90 degrees changes the locked position to a free wheel function. The ANDERSEN Line Tender is available for fixed or track mounting.

Line Tenders

	Length mm (in.)	Width mm (in.)	Height mm (in.)	Line Size mm	Mounting	Gear Ratio	Power Ratio	Product No.
Fixed	140 (5 1/2)	112 (4 3/8)	55 (2 5/32)	10 - 12	4 x M6 mm	1.0:1	6.5:1	RA491401
Track	122 (4 13/16)	112 (4 3/8)	65 (2 9/16)	10 - 12	T-track 32 x 5 mm	1.0:1	6.5:1	RA491400

New ANDERSEN Auto-Lock Handle™ Ergonomically designed for perfect power transfer. Featuring automatically lock-in and easy push button controlled release. Highly polished stainless steel combined with composite makes the handle design strong light and impressive.

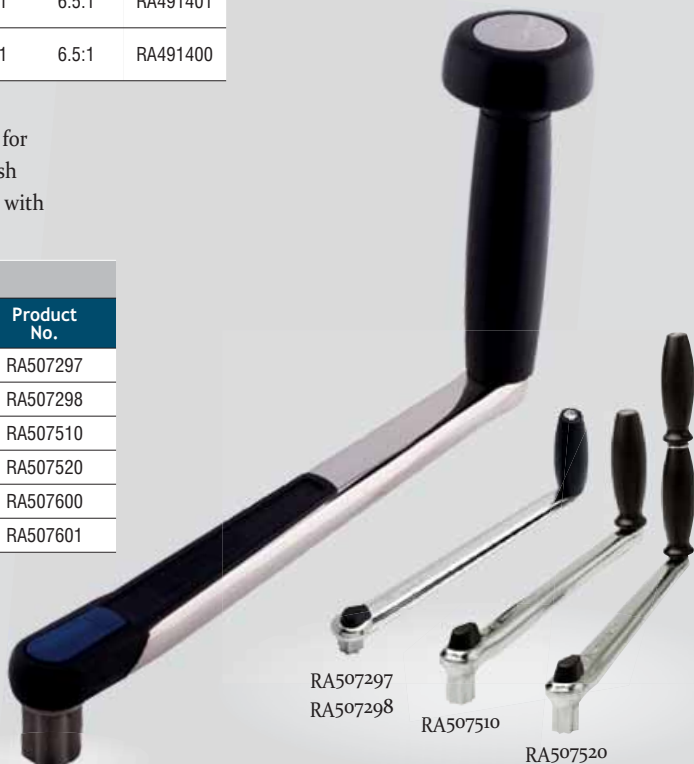
Handles

	Length mm (in.)	Weight kg (oz)	Product No.
8" Lock in	203 (8)	0.40 (14.1)	RA507297
10" Lock in	254 (10)	0.45 (15.9)	RA507298
10" High-End	254 (10)	0.92 (32.5)	RA507510
10" Double High-end	254 (10)	1.11 (39.2)	RA507520
10" Auto-Lock Handle™, blue holder	254 (10)	0.70 (24.7)	RA507600
10" Auto-Lock Handle™, white holder	254 (10)	0.70 (24.7)	RA507601

The Auto-Lock Handle™ comes with its own compact, quick access holder, blue or white.



RA507600
RA507601



RA507297
RA507298

RA507510

RA507520

Turning Blocks

	Length mm (in.)	Width mm (in.)	Height mm (in.)	Weight g (oz)	Max. Line mm (in.)	Mounting	Product No.
Single	133 (5 1/4)	95 (3 3/4)	41 (1 5/8)	800 (28.2)	16 (5/8)	8 mm coach bolt/bail	RA933000
Double	133 (5 1/4)	95 (3 3/4)	75 (2 15/16)	1400 (49.5)	16 (5/8)	8 mm coach bolt/bail	RA933001

ANDERSEN Turning Blocks — made of Stainless Steel with very low friction and high ultimate strength. They are available as either single or double, and can be fitted with a special bail for use with a spinnaker block. Stainless Steel frame & roller bearings.

Thrust ball bearings.

MWL: 2500kg (5500lb), BL: 5000kg (11000lb)

Coach Bolts

Length mm (in.)	Product No.
80 (3 1/8)	RA933900
100 (3 15/16)	RA933905
122 (4 13/16)	RA933902

Bails

Length mm (in.)	Product No.
80 (3 1/8)	RA933701
112 (4 13/16)	RA933702



RA933001



RA933000

ANDERSEN Bailers™ ANDERSEN automatic bailers are available World Wide and recognised by dinghy sailors as the most effective and reliable means of automatic bailing. ANDERSEN Bailers™ are made of Stainless Steel, guaranteeing you many years of trouble free service.



Bailers for inside mounting

Product No.	Fitting Hole	Nominal Hull Thickness	Flange Size	Size of Opening	Weight	Fitting Hole	Nominal Hull Thickness	Flange Size	Size of Opening	Weight
RA435200 Super Mini Special*	40 x 85 mm	8 mm	61 x 106 mm	250 mm²	175 g	1 5/8 x 3 3/8 in.	5/16 in.	2 7/16 x 4 3/16 in.	0.387 in²	6.2 oz
RA554131 Super Mini	40 x 85 mm	8 mm	61 x 106 mm	250 mm²	175 g	1 5/8 x 3 3/8 in.	5/16 in.	2 7/16 x 4 3/16 in.	0.387 in²	6.2 oz
RA554132 Super Medium	43 x 110 mm	8 mm	67 x 135 mm	350 mm²	275 g	1 3/4 x 4 3/8 in.	5/16 in.	2 11/16 x 5 5/16 in.	0.543 in²	9.7 oz
RA554133 Super Max	54 x 110 mm	8 mm	78 x 135 mm	540 mm²	320 g	2 1/8 x 4 3/8 in.	3/8 in.	3 1/8 x 5 5/16 in.	0.837 in²	11.3 oz

*Super Mini Special is designed for racing dinghies where the bailer is operated from a hiking position, this bailer is mounted without a spring lever.

Bailers for outside mounting

Product No.	Fitting Hole	Nominal Hull Thickness	Flange Size	Size of Opening	Weight	Fitting Hole	Nominal Hull Thickness	Flange Size	Size of Opening	Weight
RA554130 Mini	38 x 73 mm	4 mm	56 x 92 mm	255 mm²	100 g	1 1/2 x 2 7/8 in.	5/32 in.	2 1/4 x 3 5/8 in.	0.395 in²	3.5 oz
RA554136 Large	41 x 104 mm	4 mm	80 x 142 mm	435 mm²	275 g	1 5/8 x 4 1/8 in.	5/32 in.	3 3/16 x 5 9/16 in.	0.674 in²	9.7 oz

Service Kits

	Product No.
Kit 1 Winch 12 ST, 28 ST, 40 ST, 40 ST FS	RA710001
Kit 2 Winch 46 ST 1982-1993	RA710002
Kit 3 Winch 56 ST, 66 ST	RA710003
Kit 4 Winch 10, 16, 28, 40, 46	RA710004
Kit 5 Winch 56	RA710005
Kit 6 Basic Kit Standard Winch	RA710006
Kit 7 Winch 78 ST	RA710007
Kit 8 Winch 52 ST	RA710008
Kit 9 Winch 110 ST	RA710009
Kit 10 Pawl Springs 20 pcs	RA710010
Kit 11 Winch 46 ST 1993-1996	RA710011
Kit 12 Winch 58 St and 62 ST	RA710012

Service Kits

	Product No.
Kit 13 Winch 68 ST and 72 ST	RA710013
Kit 14 Winch 90, 91, 92	RA710014
Kit 15 Winch 100, 101, 102	RA710015
Kit 16 Winch 6	RA710016
Kit 17 Winch 46 ST FS 1997-2006	RA710017
Kit 18 Winch 12 ST, 18 ST, 28 ST 2006 ➔ 12 ST FS, 18 ST FS, 28 ST FS	RA710018
Kit 19 Winch 46 ST 1998-2006	RA710019
Winch Grease, 12-pack, including display	RA500001
Winch Grease, single tube	RA500001-1

Service Kits from ANDERSEN Winches™ are a must for optimal maintenance of ANDERSEN Winches™, as they include crucial spare parts. Cleaning and greasing every 2 years is also necessary for extending the lifetime of your gear.



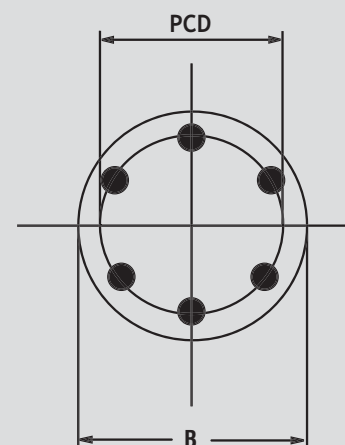
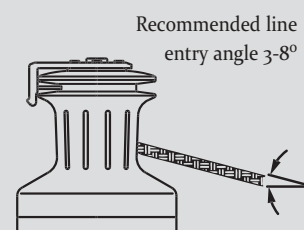
Measurements & Winch Selection Guide

Measurements

Measurements and Winch Selection Guide



Mounting Measurements							
	PCD		B		Mounting		
10	65 mm	2 9/16"	92 mm	3 5/5"	M6 mm	1/4"	
16	90 mm	3 9/16"	114 mm	4 1/2"	M6 mm	1/4"	
28	90 mm	3 9/16"	124 mm	4 15/16"	M6 mm	1/4"	
40	100 mm	3 15/16"	136 mm	5 3/8"	M6 mm	1/4"	
46	100 mm	3 15/16"	143 mm	5 5/8"	M8 mm	5/16"	
91	60 mm	2 3/8"	80 mm	3 1/8"	M6 mm	1/4"	
101/102	90 mm	3 9/16"	111 mm	4 5/16"	M6 mm	1/4"	
12 ST	90 mm	3 9/16"	115 mm	4 1/2"	M6 mm	1/4"	
18 ST	90 mm	3 9/16"	120 mm	4 3/4"	M6 mm	1/4"	
28 ST	90 mm	3 9/16"	125 mm	4 15/16"	M6 mm	1/4"	
40 ST	100 mm	3 15/16"	152 mm	6"	M6 mm	1/4"	
46/48 ST	155 mm	6 1/8"	180 mm	7 1/16"	M8 mm	5/16"	
52 ST	165 mm	6 1/2"	200 mm	7 7/8"	M8 mm	5/16"	
58/62 ST	200 mm	7 7/8"	230 mm	9 1/16"	M10 mm	3/8"	
68/72 ST	240 mm	9 7/16"	280 mm	11 1/16"	M10 mm	3/8"	
78 ST FS	260 mm	10 1/4"	320 mm	12 5/8"	M12 mm	1/2"	
110 ST FS	330 mm	13"	395 mm	15 9/16"	M12 mm	1/2"	



Selection

Winch Selection Guide

Masthead Rigged

Please refer to the chart if your boat is of medium displacement.

Fractional Rigged

We recommend that you refer to the sail area, and not to the length of the yacht.

Heavy Displacement

The displacement must be taken into account. It is advisable to choose a winch larger than that stated in the chart.

Ultra Light Displacement

Should normally be able to select smaller winches but the righting moment must also be taken into account.

Multihulls

Catamarans, trimarans and other boats with increased righting moments should use winches with a higher power ratio.

Choose your ANDERSEN Winches™ to reflect the size of your yacht and your sailing requirements. This chart is intended for masthead-rigged mono-hull yachts of medium displacement. When choosing electric or hydraulic winches, the selection is similar to that of a manually operated winch.

Please note that this chart is based on standards and will not reflect all variables and differences in the large variety of yacht types and sizes on the market.



Use our Web Site to electronically calculate the details of your winch selection, or consult your ANDERSEN distributor, who has the experience and knowledge of our product range to give professional advice in helping you make the right selection.

These are the classifications we have used for our winch selection chart.

LOA		Feet	25-28	29-32	33-35	36-39	40-43	44-48	49-54	55-61	62-71	72-80	80+
		Metres	7.6-8.5	8.8-9.8	10.1-10.7	10.0-11.9	12.2-13.1	13.4-14.6	14.9-16.5	16.8-18.6	18.9-21.6	21.9-24.4	24.4+
Sail Areas	Genoa	ft ² /m ²	300/28	350/33	470/44	560/52	770/72	880/82	1300/120	1800/170	2100/200	2700/250	
	Spinnaker	ft ² /m ²	410/38	600/56	800/74	1200/111	1600/150	2000/185	2800/260	3700/345	4500/420	5400/500	
	Main	ft ² /m ²	150/14	210/20	260/24	320/30	430/40	470/46	750/70	950/88	1100/102	1300/121	
	Genoa Sheet		12/18	28/40	40/46	46/48/52	48/52	58/62/68	68	68/72/78	72/78	78/110	110
	Spinnaker Sheet		12	12/18	18/28	28/40	40	46/48/52	52/58	58/62/68	72/78	78	110
	Main Sheet		12	12	12/18	18/28	40	46	52	52/58	58/62/68	68/72/78	78
	Genoa Halyard		12	12/18	12/18	28/40	40/46	46/48/52	52/58	58/62/68	58/68	72/78	78
	Spinnaker Halyard		12	12	12/18	18/28	40	40/46	46/48/52	52/58	58/62/68	68	78
	Main Halyard		12	12	12/18	28/40	40	40/46	46/48/52	52/58	58	72/78	78
	Staysail Halyard		12	12	12	18/28	28/40	28/40	40/46	46/48/52	52	58/62/68	68
	Spinnaker Pole Topping Lift		12	12	12	12	18	28	40	46	48/52	58	62/68
	Spinnaker Pole Fore Guy		12	12	12	12	18/28	28/40	40/46	46/48/52	52/58	62/68	68
	Cunningham or Reef		12	12	12	12/18	18/28	28/40	40/46	46/48/52	52/58	62/68	68

Consult www.andersenwinches.com for more detailed electronic calculations regarding your requirement

Mega Yacht Winches

Red Dragon-Vitters, NL

Mega Yacht Winches



A statement of style and quality

We have developed a range of Mega Yacht Winches with a pulling load from 6 to 12 tons. ANDERSEN Winches™ reflect the very best in traditional winch design and technical know-ledge, and combine the latest expertise in materials and technology with the intelligent application of good design — featuring details such as self tailing, variable speed and backwind. All hydraulic gears run in an oil bath, and the free-wheeling stainless steel drums feature the ANDERSEN Power Rib™.

All external surfaces are made from highly polished AISI 316 Stainless Steel. All transmission surfaces and components are made from high-quality hardened stainless steel and aluminium bronze. For further technical details, please request the complete Mega Yacht Catalogue from your distributor, or download a free sample from the Internet (www.andersenwinches.com). In modern yachting, winches by ANDERSEN are the definitive statement of superior design, ultimate quality and excellent performance. A yacht fitted with ANDERSEN Winches™ makes a subtle yet clear statement that it features best equipment available. Contact us for further information, and request our brochure on Mega Yacht Winches.