

# Manual

## 58/62 & 68/72STE SE

2+1 SPEED  
12V & 24V

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SERIAL NO: PS \_\_\_\_\_

Part no.: 710475 - 9. februar 2012

# CONGRATULATIONS

You have purchased an ANDERSEN high quality winch. This product is a result of many years of development and experience in producing winches for sailboats. This winch gives you a high degree of functionality and many years of safe and easy sail handling.

## GENERAL INFORMATION

PLEASE READ THIS BEFORE INSTALLING YOUR ANDERSEN ELECTRIC WINCH.

**The electric ANDERSEN winch has some built-in advantages:**

- Easy to fit on your boat.
- Template included.
- Special tools included.
- Electric unit in turn able in 8 horizon table steps (45°).
- Easy to dismantle. Winch and electric unit can be dismantled separately.
- Winch in the usual high **ANDERSEN** quality, featuring drum, roller bearings etc. of stainless steel.
- Always the possibility of manual (2 speed) drive, just by inserting a standard winch handle. No shift-bottom of any kind.
- MODULAR POWER SYSTEM: Always the possibility of changing to a hydraulic drive unit or from 2+1 to 2+2 electric drive unit.

### Mounting installation:

Follow mounting instructions on next page:

Ensure that each hole in the deck is bedded, including the big hole in the center.

**IMPORTANT:** Be careful not to put bedding compound IN the thread holes in the deck plate.

Ensure that the sealing ring (O-ring) on top of the gear unit is placed in its groove.

### Electric Installation:

Follow mounting instructions on next page and Wire dimensions & fuse sizes on last page.

**WARNING:** Do not use smaller wire, than recommended in the diagram. This can cause malfunction of the winch and in worst case; FIRE. The wire should always be as short as possible.

### Normal Use:

The electric motor has built-in overload circuit breaker, which breaks the circuit, before the motor gets too hot.

After a short period of cooling, depending on temperature under deck, ventilation etc., the winch will be ready for electrical operation again.

Meanwhile, if necessary, just insert a standard winch handle, and use the winch as a 2 speed manual winch. We recommend to remove the handle when operated electrically - from a safety point of view.

### General Service Instructions:

The electric drive unit is lubricated sealed and requires no further maintenance.

The part *on* deck is a standard self tailing winch, and needs regular service. We recommend dismantling, cleaning and lubrication *once* a year. Under extensive use, such as racing, charter or blue water sailing, we recommend to make a further lubrication check during the one year period.

We strongly recommend always to use ANDERSEN WINCH GREASE when lubricating your winch. ANDERSEN WINCH GREASE is a high quality silicon/Teflon grease.

# MOUNTING INSTRUCTION

58/62 & 68/72 STE SE

2+1 SPEED

FIG.1

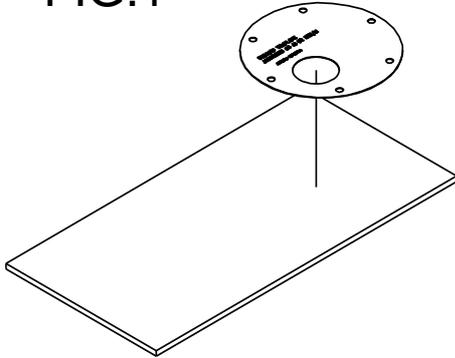


FIG.3

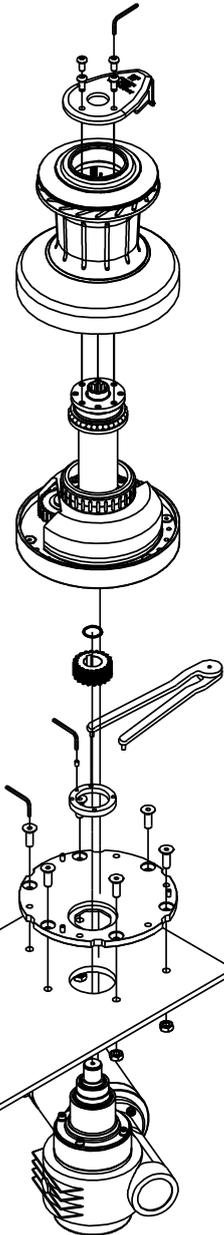


FIG.2

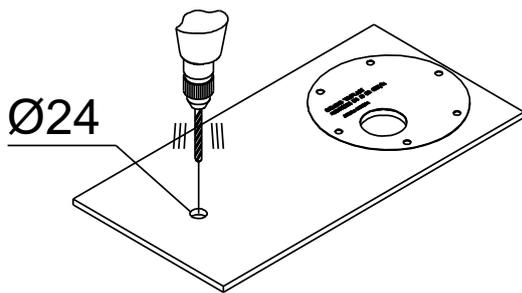
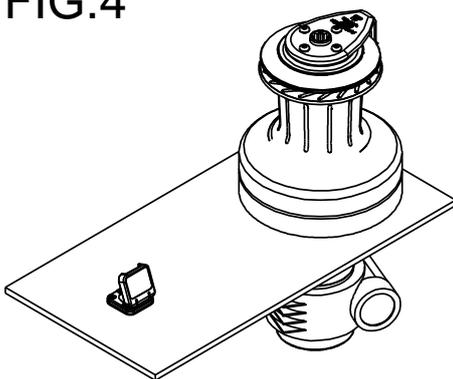


FIG.4



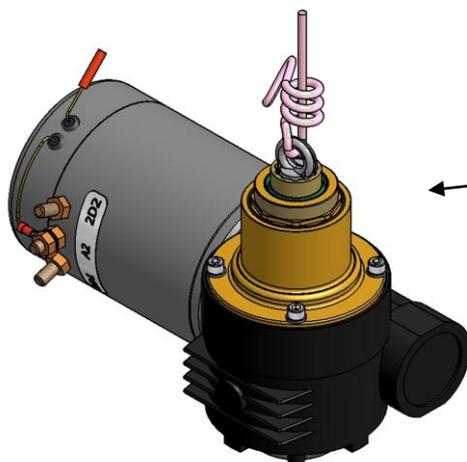
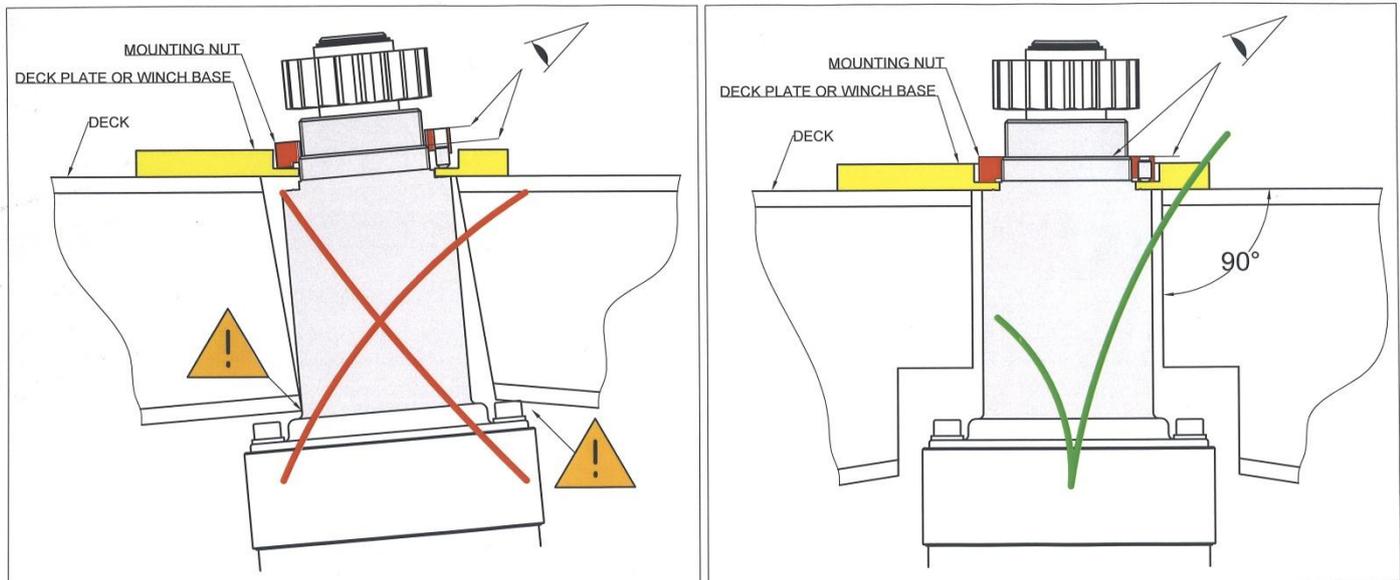
# IMPORTANT INSTALLATION INFORMATION!

It is extremely important that your motor is aligned with your winch. Non-aligned motors will be noisy and gear wear will be accelerated.

To insure that your motor is aligned properly the motor flange must be flush with the deck plate and the eight-sided nut must fit snugly into the octagon in the deck plate.

This can be achieved with the help of the following:

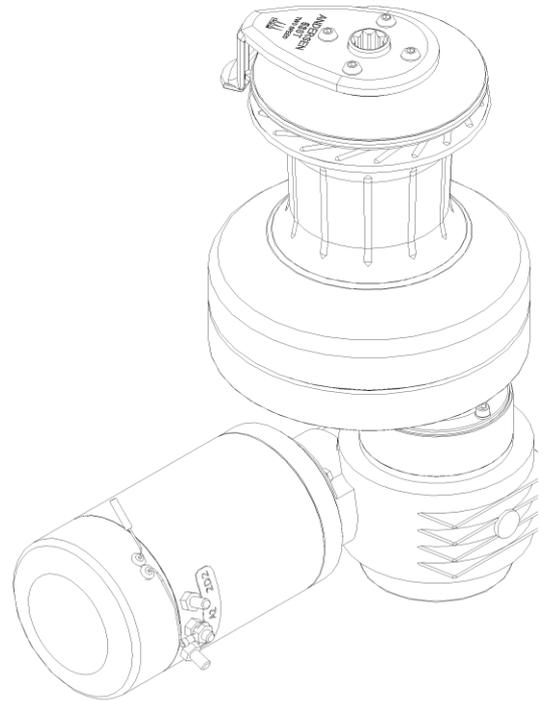
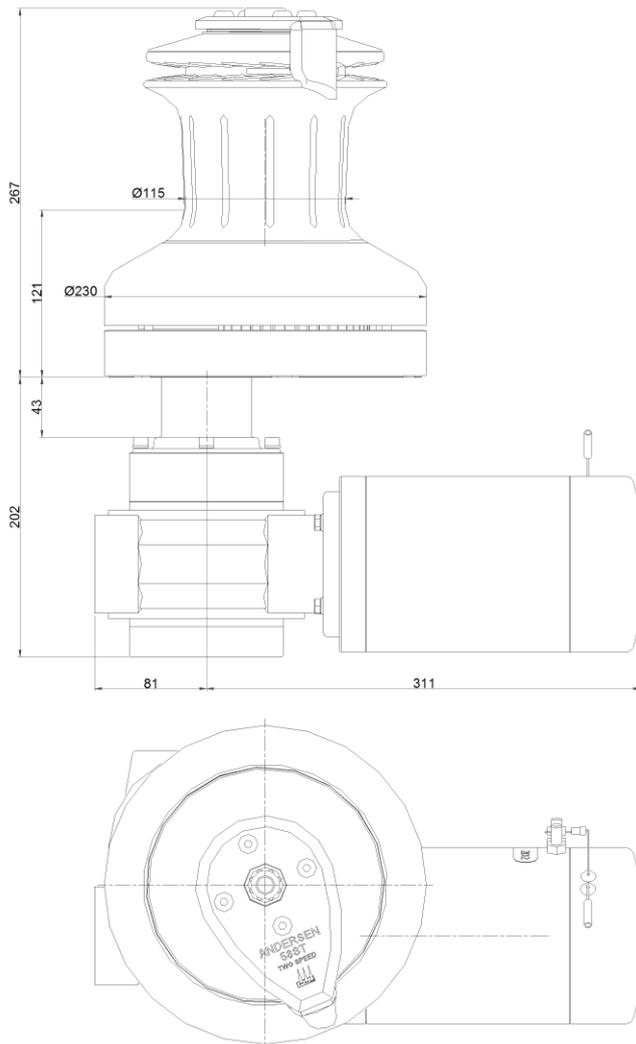
- Drill the hole through the deck wider than the motor flange. When mounted there must be free space between the deck and the flange.
- Clean the deck hole before attempting to install the motor so that the motor flange does not catch splinters of fiberglass or wood when being inserted through the deck.
- Insure that the underside of the deck plate is clean and free from resin, varnish or sealants.
- Do not use a sealant between the flange and deck plate. An o-ring insures a waterproof connection. Extra waterproofing can be achieved by applying sealant to the top of the deck plate next to the mounting nut after installation.
- Insure that the locking screw on the mounting nut is not protruding beyond the contact surface before tightening the mounting nut. Tighten the locking screw when the mounting nut is securely in place.



**FOR GEARUNITS OF THIS TYPE, USE OF LIFTING DEVICE IS RECOMMENDED**

# INSTALLATION DIMENSIONS

58/62 STE SE  
2+1 SPEED



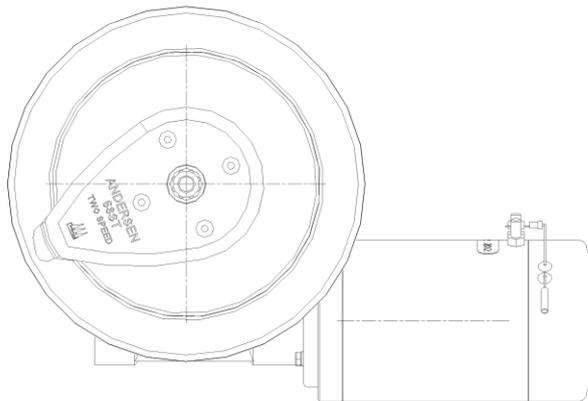
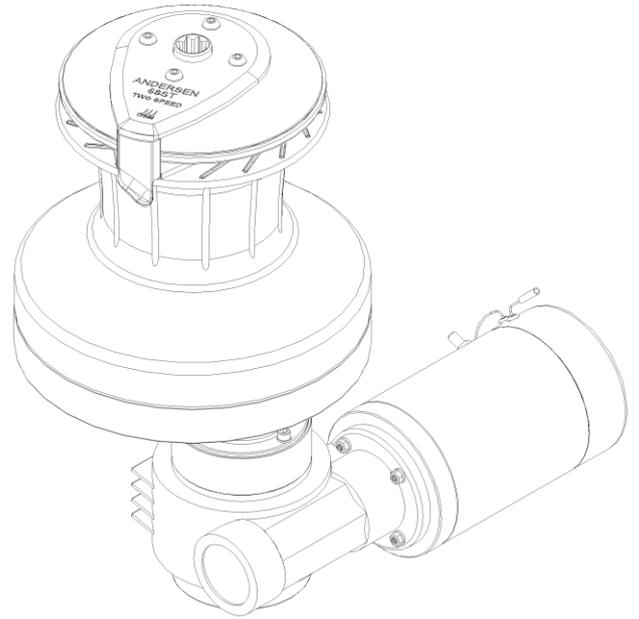
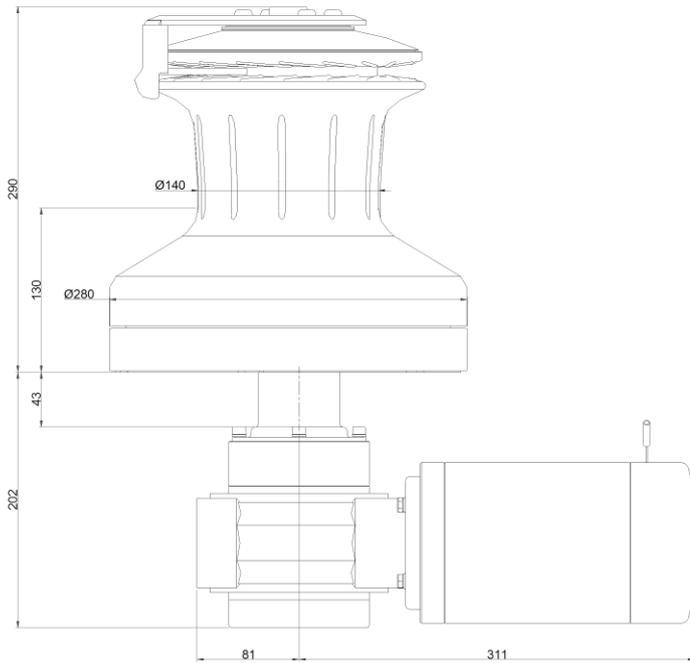
(Non-dimensional accuracy)

**ANDERSEN**  
STAINLESS STEEL WINCHES

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# INSTALLATION DIMENSIONS

68/72 STE SE  
2+1 SPEED



(Non-dimensional accuracy)

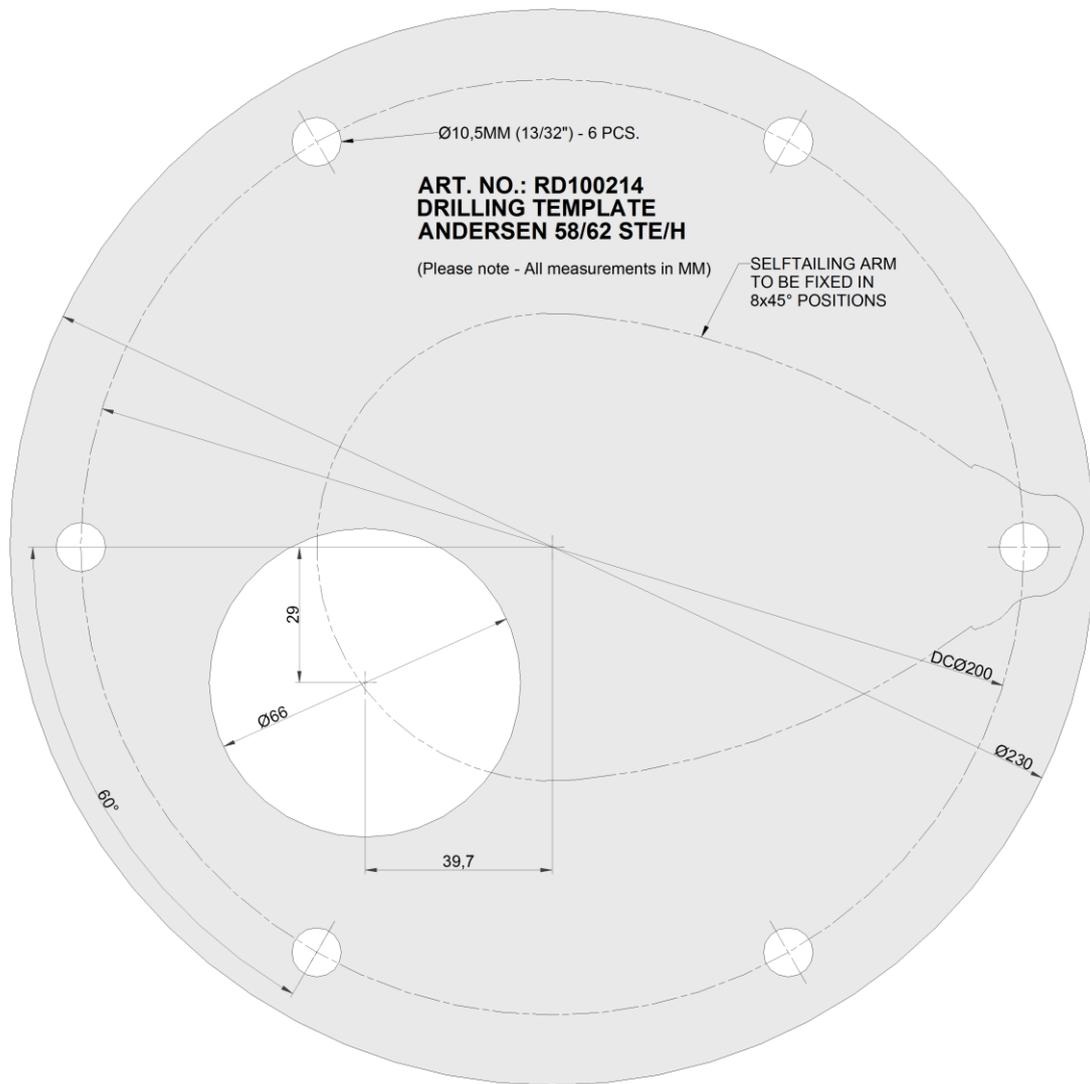
**ANDERSEN**  
STAINLESS STEEL WINCHES

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# DRILLING TEMPLATE

58/62 STE SE

2+1 SPEED

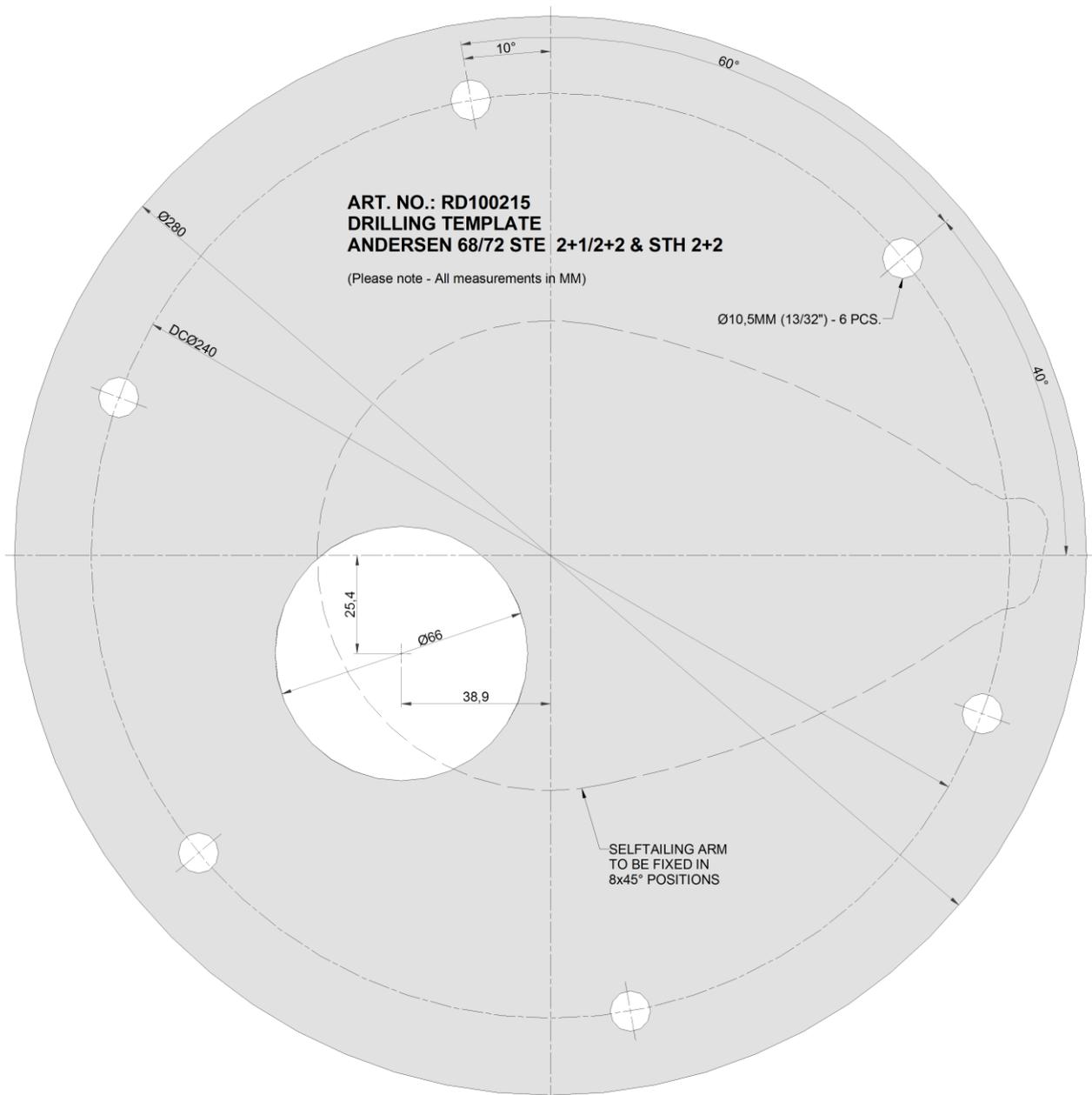


**(Non-dimensional accuracy)**

# DRILLING TEMPLATE

68/72 STE SE

2+1 SPEED



(Non-dimensional accuracy)



# PARTS LIST

## 58/62 & 68/72 STE SE

### 2+1 SPEED

| POS.       | QTY.     | DESCRIPTION                  | ART. NO.         |
|------------|----------|------------------------------|------------------|
|            | 1        | EL-unit 58/62STE TYPE SE 12V | 777100           |
|            |          | EL-unit 58/62STE TYPE SE 24V | 777110           |
|            |          | EL-unit 68/72STE TYPE SE 12V | 777120           |
|            |          | EL-unit 68/72STE TYPE SE 24V | 777130           |
| <b>1.</b>  | <b>1</b> | <b>CIMA 1500W 12V STE SE</b> | <b>777340</b>    |
| <b>1.</b>  | <b>1</b> | <b>CIMA 1500W 24V STE SE</b> | <b>777350</b>    |
| 1.1        | 1        | Key                          | DIN6885-A-5X5X15 |
| <b>2.0</b> | <b>1</b> | <b>Gear Unit 58/68STE SE</b> | <b>776150</b>    |
| 2.1        | 1        | Gear i38 VF63SE              | 776230           |
| 2.1.1      | 8        | Washer                       | DIN125-A4-Ø6     |
| 2.1.2      | 4        | Screw                        | DIN912-A4-M6x25  |
| 2.2        | 2        | Key                          | DIN6885-A-8X7X20 |
| 2.3        | 1        | Ratchet gear                 | 775860           |
| 2.4        | 1        | Washer                       | 835000           |
| 2.5        | 1        | Bushing                      | RD100439         |
| 2.6        | 2        | Pawl                         | 713200           |
| 2.7        | 2        | Arm spring                   | 713300           |
| 2.8        | 1        | Drive shaft 52+58STE BD      | 837000           |
| 2.9        | 1        | Washer                       | 775890           |
| 2.10       | 1        | Drive Shaft Housing          | 775850           |
| 2.11       | 1        | Bushing                      | 823100           |
| 2.12       | 1        | Sealing ring                 | RD100169         |
| 2.13       | 1        | Gear Wheel                   | 980900           |
| 2.14       | 1        | Circlip                      | RD829680         |
| 3.         | 1        | O-ring                       | RD100074         |
| 4.         | 3        | Pin                          | 713401           |
| 5.         | 1        | Deck plate 58/62 STE/STH     | 747700           |
| 5.         | 1        | Deck plate 68/72 STE/STH     | 740200           |
| 6.         | 6        | Screw                        | 580100           |
| 7.         | 1        | Centre nut                   | 584502           |
| 8.         | 1        | Screw                        | DIN916-A4-M5x8   |
| 9.         | 1        | Pin spanner                  | RD738000         |
| 10.        | 1        | Allen key                    | 593000           |
| 11.        | 1        | Allen key                    | 592900           |
| 12.        | 1        | Template 58/62STE            | RD100214         |
| 12.        | 1        | Template 68/72STE            | RD100215         |
| 13.        | 1        | Switch labels                | RD100029         |
| 14.        | 1        | Switch                       | RD581900         |
| 15.        | 1        | Sealing                      | 735050           |
| 16.        | 3        | Screw                        | RD100025         |
| 17.        | 1        | Control box 12V              | 990212           |
| 17.        | 1        | Control box 24V              | 990224           |

# CONNECTING DIAGRAM

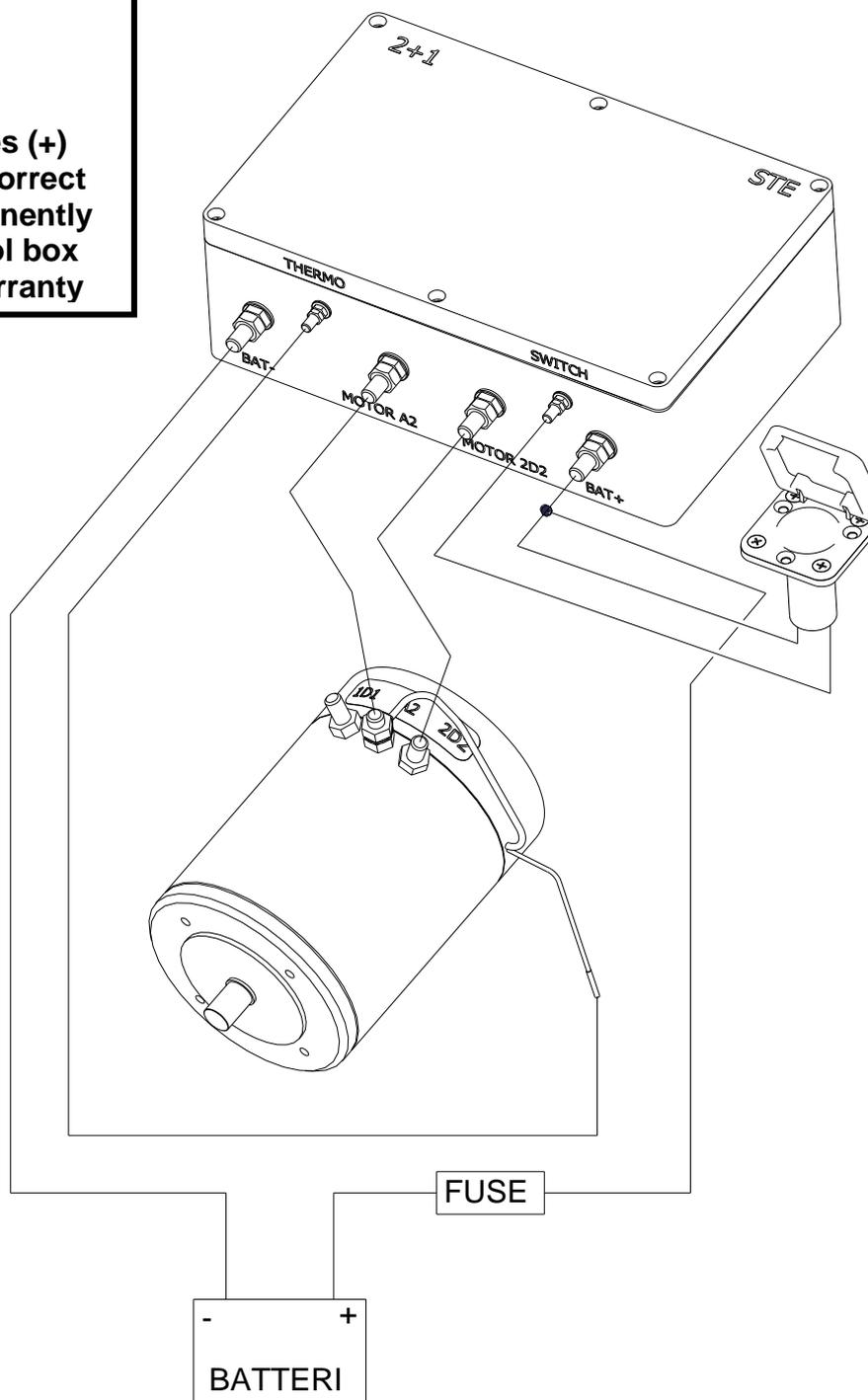
## 12V + 24V

### 58/62 & 68/72 STE SE

### 2+1 SPEED



**WARNING:**  
Don't switch cables (+)  
with cables (-). Incorrect  
polarity will permanently  
damage the control box  
thus invalidate warranty



**IMPORTANT:** Do not use connection 1D1

**REMARK:** Fuse must be of a slow blow type

# MINIMUM WIRE DIMENSIONS & FUSE SIZES

(Not for continuous service)

| WINCH        | WIRE LENGTH*     | 12V. DC            |       |           | 24V. DC           |       |           |
|--------------|------------------|--------------------|-------|-----------|-------------------|-------|-----------|
|              |                  | WIRE               | FUSE  | BAT. CAP. | WIRE              | FUSE  | BAT. CAP. |
| 58/62 STE SE | 0-3 m / 0-10 ft  | 70 mm <sup>2</sup> | 200 A | 360 Ah    | 35mm <sup>2</sup> | 125 A | 240Ah     |
|              | 3-8 m / 10-27 ft | 95 mm <sup>2</sup> | 224 A | 360 Ah    | 50mm <sup>2</sup> | 200 A | 240Ah     |
| 68/72 STE SE | 0-3 m / 0-10 ft  | 70 mm <sup>2</sup> | 200 A | 360 Ah    | 35mm <sup>2</sup> | 125A  | 240Ah     |
|              | 3-8 m / 10-27 ft | 95 mm <sup>2</sup> | 224 A | 360 Ah    | 50mm <sup>2</sup> | 200 A | 240Ah     |

- \* WIRE LENGTH is defined as the distance from battery to switch box + the distance from switch box to motor.

IMPORTANT: Fuse must be of a slow blow type.







# WORLDWIDE DISTRIBUTION

*(FOR UPDATED DISTRIBUTOR LIST, PLEASE SEE [WWW.ANDERSENWINCHES.COM](http://WWW.ANDERSENWINCHES.COM))*

## WARRANTY

*Refer to our website [www.ronstan.com/warranty](http://www.ronstan.com/warranty) for our warranty terms and conditions.*