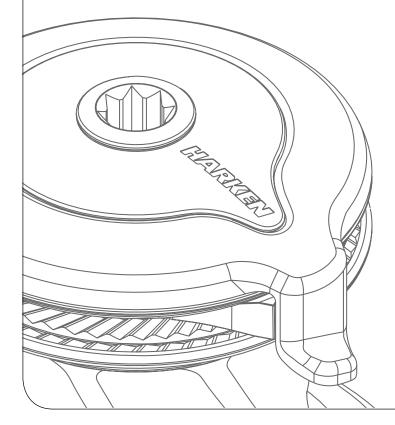
Installation and Maintenance Manual

MRW-D

Radial Winch 50.2 ST





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Radial Winch 50.2 STBBB

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Introduction - Technical characteristics - Outline

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Introduction

This manual gives technical information on winch installation and maintenance, including disassembling and reassembling.

This information is DESTINED EXCLUSIVELY for specialised personnel or expert users. Installation, disassembling and reassembling of the winch by personnel who are not experts may cause serious damage to users and those in the vicinity of the winch.

Harken[®] accepts no responsibility for defective installation or reassembly of its winches. In case of doubt the Harken[®] Tech Service is at your disposal at techservice@harken.it This Manual is available only in English. If you do not fully understand the English language, do not carry out the operations described in this Manual.

Technical characteristics

	Power ratio	Gear ratio
1st speed	10,90 : 1	2,40 : 1
2nd speed	50,40 : 1	10,90 : 1

The theoretical power ratio does not take friction into account.

Weights

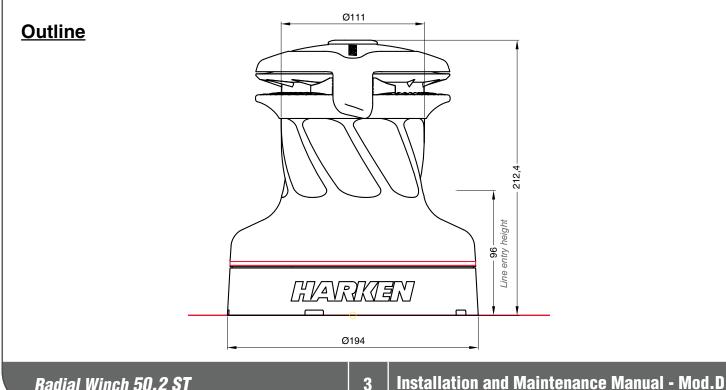
	ST A version	ST C/CW versions	ST BBB/CCC versions					
Weight (Kg)	6,0	9,2	10,4					
Versions: A = drum in anodised aluminium; C = drum in chrome bronze; CW = chrome/white;								

BBB = all bronze; CCC = All-Chrome bronze

Maximum working load

WARNING!

The maximum working load (MWL) for the 50.2 ST Radial Winch is 1450 Kg (3197 lb) Subjecting the winch to loads above the maximum working load can cause the winch to fail or pull off the deck suddenly and unexpectedly during high loads causing severe injury or death.



Installation

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Installation

The winch must be installed on a flat area of the deck, reinforced if necessary to bear a load equal to at least twice the maximum working load of the winch.

It is the installer's responsibility to carry out all structural tests needed to ensure that the deck can bear the load.

Harken[®] does not supply the screws needed to install the winch since these may vary depending on the deck on which it is to be installed.

It is the installer's responsibility to choose the correct screws taking account of the loads they will have to bear.

Harken[®] assumes no responsibility for incorrect installation of its winches or for an incorrect choice of mounting screws.



DANGER!

Incorrect installation of the winch may cause severe injury or death. Consult the yard that built the boat in the case of doubt over the correct positioning of the winch.



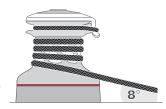
WARNING!

Failure to use the correct number and type of mounting fasteners or failure to ensure the correct deck strength can result in the winch pulling off the deck suddenly and unexpectedly during high loads causing severe injury or death.



WARNING!

Verify the entry angle of the sheet. This must be 8° with tolerance of $\pm 2^{\circ}$, to avoid sheet overrides and damaging the winch or making the winch inoperable leading to loss of control of the boat which can lead to severe injury or death.



drive gear

SHEET

\triangle

WARNING!

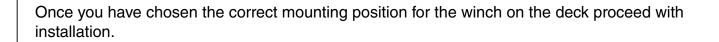
Mount the winch on the deck so that the drive gear is positioned where the sheet enters the winch drum.

Incorrect position of drive gear can weaken winch leading to failure which can cause an accident leading to severe injury or death.

NOTICE

For winch STA, STC and STCW versions only you can find the icon \blacktriangle on the skirt to identify the drive gear position.





The winch can be installed following one of the two procedures below (Procedure1 or Procedure 2):

Procedure 1

To install the winch you must remove the drum and use Socket Head (SH) bolts.

Tools needed Common One medium flat-bladed screwdriver

To identify the various parts, refer to the exploded view at the end of this Manual. \sim Torque to apply when assembling



1. Unscrew the central screw (22Nm/18 in-lb)



2. Slide off the assy socket n°30 and the cover n°31



3. Unscrew the three screws n°29 (~4Nm/35 in-lb)



4. Remove the self-tailing arm n°28 by rotating and lifting it.



5. Lift off the drum n°24

Winch STA, STC and STCW versions:

Install the winch on the deck in the position you have chosen, keeping in mind the limits described on page 4 and using socket head (SH) bolts.

Winch STBBB and STCCC versions:

Install the winch on the deck in the position you have chosen, keeping in mind the limits described on page 4 and using socket head (SH) bolts or hexagonal headed bolts (HH).

Procedure 2 (not pertinent for ST BBB/CCC versions)

To install, you must remove the winch skirt and use hexagonal headed bolts.

To identify the various parts, refer to the exploded view at the end of this Manual.



1. Remove the skirt n°2 with the help of the screwdriver placed as shown by the symbol \swarrow



2. Take off the skirt n°2





3. Position the 5 M8 hexagonal headed bolts in their holes



4. Reposition the skirt n°2 in its housing



5. Press down the skirt to position it correctly

NOTICE

Make sure the skirt is correctly clipped on to the base of the winch.

Install the winch on the deck in the position you have chosen, keeping in mind the limits described on page 4 and using hexagonal headed bolts (HH).

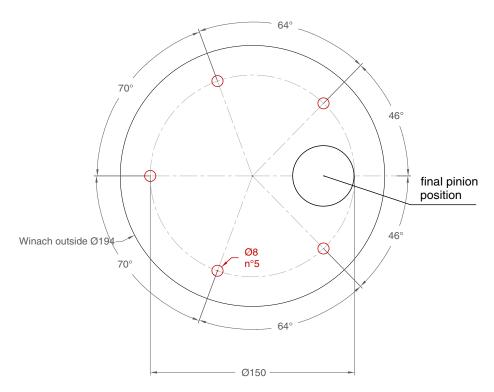
Installation procedure

Carry out Procedure 1 or Procedure 2, then install the winch on the deck in the chosen position.

A. Position the base of the winch on the deck and mark the position of the holes or use the drilling cut-out template at the point where you have decided to place the winch.

Below is a reduced scale diagram.

The drilling cut out template is available on the Harken[®] website, www.harken.com



B. Remove the winch and drill the five 8.2 mm diameter holes.

C. Bolt the base of the winch to the deck using five M8 bolts (not supplied by Harken[®]) as described at Procedure 1 or Procedure 2, correctly chosen for the thickness and type of the boat deck. Consult the yard that built the boat in case of doubt.



WARNING!

To install the winch on the deck, use only bolts in A4 stainless steel (DIN 267 part11). Bolts made of other materials may not have sufficient strength or may corrode which can result in winch pulling off deck suddenly and unexpectedly during high loads causing severe injury or death.

NOTICE

To mount winches on the deck, do not use countersunk bolts.

- **D.** Fill the mounting holes with a suitable marine sealant.
- E. Remove the excess adhesive/sealant from the holes and base drainage channels

F. Reassemble the winch following the steps in **Procedure 1** or **Procedure 2** in the reverse order, and apply the products indicated in the section on maintenance.

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Maintenance

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NOTICE

Before closing the winch, make sure the holes and drainage channels in the base of the winch are not obstructed.

Positioning the self-tailing arm

Position the self-tailing arm so that the line leaving the winch is led into the cockpit.

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Maintenance

Washing

Winches must be washed frequently with fresh water, and in any case after each use. Do not allow teak cleaning products or other cleaners containing caustic solutions to come into contact with winches and especially anodised, chrome plated or plastic parts. Do not use solvents, polishes or abrasive pastes on the logos or stickers on the winches. Do not use polishes or abrasive pastes on anodised, chromed plated or plastics surfaces. Make sure that the holes and drainage channels in the base of the winch are not obstructed so that water does not collect.

Maintenance table

Winches must be visually inspected at the beginning and end of every season of sailing or racing. In addition they must be completely overhauled, cleaned and lubricated at least every 12 months. After an inspection, replace worn or damaged components. Do not replace or modify any part of the winch with a part that is not original.



WARNING!

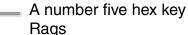
Periodic maintenance must be carried out regularly. Lack of adequate maintenance shortens the life of the winch, can cause serious injury and also invalidate the winch warranty. Installation and maintenance of winches must be carried out exclusively by specialized personnel.

In the case of doubt contact Harken® Tech Service at techservice@harken.it

Disassembly procedure

Tools needed

One medium flat-bladed screwdriver



To identify the various parts refer to the exploded view at the end of this Manual.

 $^{\sim}$ Torque to be applied in assembly phase

Carry out **Procedure 1** as shown in the paragraph on winch installation and then do the following:



6. Completely unscrew the three screws $n^\circ 29$ and remove the stripper arm support $n^\circ 23$



7. Slide out the central shaft n°21



8. Unscrew the 5 hex screws $n^\circ 18$ ($^\circ 20 Nm/177$ in-lb)



10. Remove the gear $n^\circ 15$



9. Remove the assy housing n°17 Important: washer n°14 may remain inside the drum support!



11. Remove the washer $n^\circ 14$



12. Remove the gear $n^\circ 10$ and remove the pawls carrier $n^\circ 7$





13. Remove the gear $n^{\circ}3$



14. Remove the pinion n°11. To facilitate the operation press the spring against the pawl with a blade

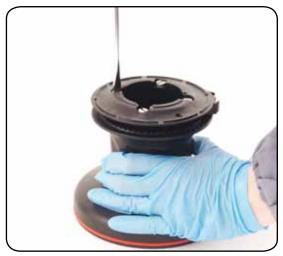


15. Slide off gear n°6



17. Remove washer n°5

If it is necessary to replace any jaws of the winch, proceed as follows:



I. Unscrew the 4 screws n°27 (~4Nm/35 in-lb)



II. Remove the jaws n°26

Once the winch is completely disassembled, clean the parts with a degreasing that does not leave residues, proper to clean metal components; rinse plastic parts in fresh water. Once you have done this, dry the parts with cloths that do not leave residue.

Inspect gears, bearings, pins and pawls for any signs of wear or corrosion.

Carefully check the teeth of gears and ring gears to make sure there are no traces of wear.

Check the roller bearings and check there are no breaks in the bearing cages.

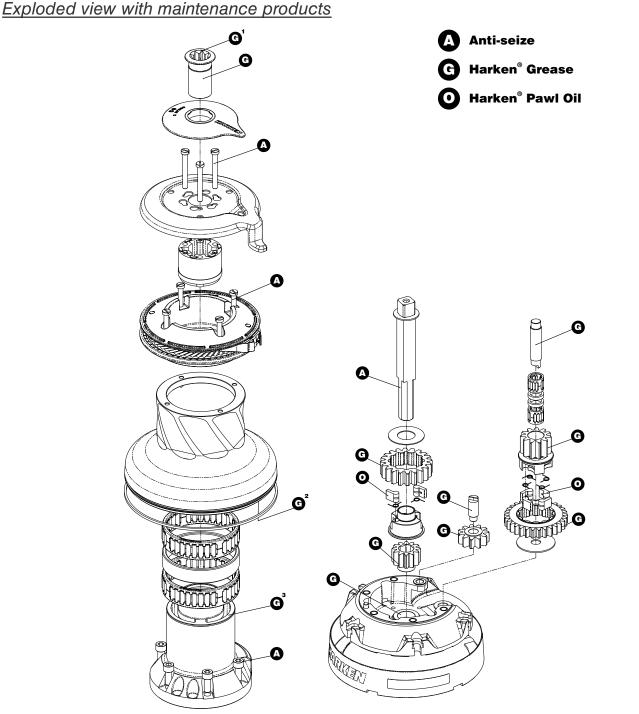
Replace worn or damaged components.

Carry out maintenance on components using the products listed below.

For more information on which products to use where, refer to the exploded diagram below.

Use a brush to lightly lubricate all gears, gear pins, teeth and all moving parts with grease.

Lightly lubricate the pawls and springs with oil. Do not use grease on the pawls!



Apply Harken[®] grease where indicated above

Apply Harken[®] grease: 1. on assy socket screw - 2. on drum gear - 3. on the middle step of assy housing **NOTICE**

On every gear and every component that must be greased, apply Harken[®] grease with a brush in a proper quantity as shown below:





NOTICE

Harken[®] grease to apply on all teeth: do not use excessive quantity of product to void wastes. If in contact with the pawls, an excess of grease can compromise the safety of the winch.

Radial Winch 50.2 ST

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<u>Assembly</u>

Make sure that the holes and drainage channels in the base of the winch are not obstructed Assemble the winch in the reverse order of the sequence in the section on disassembly.

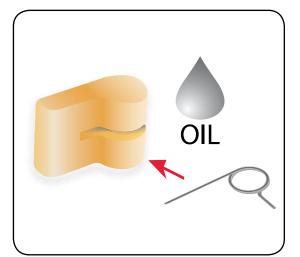
To tighten bolts, use the torque indicated in the disassembly procedure.



When positioning the stripper arm, align the peeler with it.



If the jaws have been disassembled, insert peeler between the two jaws, taking care that the letters TOP on the peeler are facing upwards.



To assemble the pawls Correctly position the spring in its housing as shown at left. Hold the spring closed and slide the pawl into its housing. Once in position, check that the pawls can be easily opened and closed with a finger.

In case of doubt concerning the assembly procedure contact Harken[®] Tech Service: techservice@harken.it

Harken[®] limited worldwide warranty

Refer to the Harken[®] Limited Worldwide Warranty in the Harken[®] Catalogue and on the website www.harken.com

Ordering spare parts

Spare parts can be requested from Harken[®] as described in the Harken[®] Limited Worldwide Warranty, indicating the part number in the Parts List and including the serial number of the winch for which the parts are required.

The serial number of the winch is printed on a plate on the drum support of the winch.



Manufacturer

Harken[°] Italy S.p.A. Via Marco Biagi, 14 23570 Limido Comasco (CO) Italy Tel: (+39) 031.3523511 Fax: (+39) 031.3535031 Email: info@harken.it Web: www.harken.com

- Tech Service Email: techservice@harken.it
- Customer Service Tel: (+39) 031.3523511 Email: info@harken.it

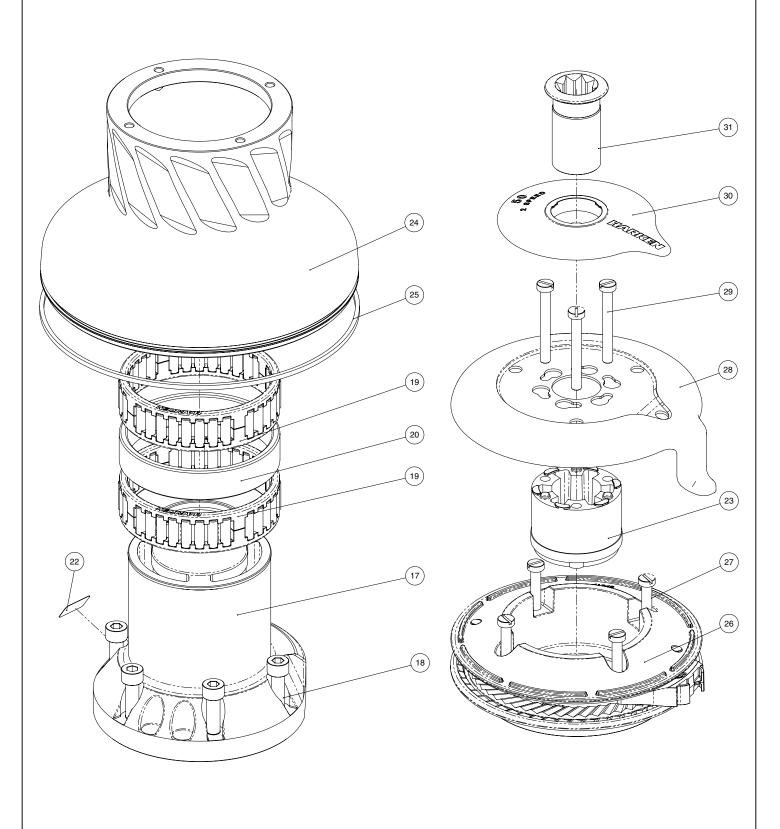
Headquarters

Harken[°], Inc. 1251 East Wisconsin Avenue Pewaukee, Wisconsin 53072-3755 USA Tel: (262) 691.3335 Fax: (262) 691.3008 Email: harken@harken.com Web: www.harken.com

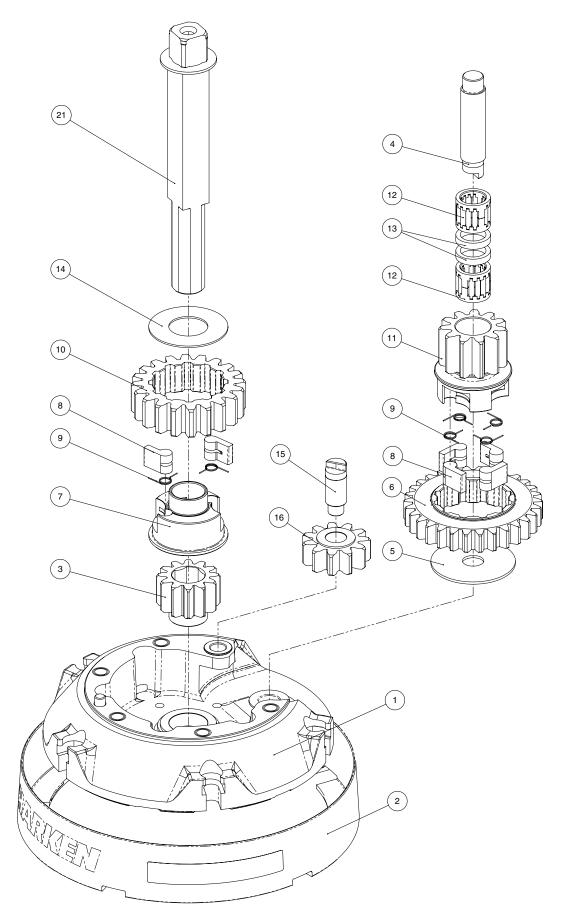
- Tech Service Email: technicalservice@harken.com
- Customer Service Tel: (262) 691-3335 Email: customerservice@harken.com

Exploded view

Radial Winch 50.2 STA, STC, STCW



Radial Winch 50.2 STA, STC, STCW



Radial Winch 50.2 ST

Parts List

Radial Winch 50.2 STA

A= drum in anodised aluminium

Pos.	Q.ty	Code	Description	Pos.	Q.ty	Code	Description
1	1	A94134700	Assy Base Winch 50	19	2	A74135100	Bearing Ø85xØ97x26
	1	S413350080	Base W50 Roller Ø6x19	20	1	S413520080	Spacer
		S415550080 S4152300A7	Bushing Ø22xØ25x9.5	21	1	A94142200	Assy Central Shaft W50
	1	S414890080	Bushing Ø9xØ11x7		1	S413880002	Central shaft W50 ST Washer Ø17.2xØ32x1.5
0	1	S413330085	Bushing Ø12xØ14x11	22	1	041000002	Winch Serial Number Sticker
2	1	A94134900	Assy Skirt Winch 50 Skirt W50	23	1	S4129400A0	Stripper arm support
			Winch Product Sticker**	24	1	S413400053	Drum W50
3	1	S413020004	Gear Z12	25	1	S281690097	Red line
4	1	S416050004	Pin	26	1	A94134300	Assy Jaws Winch 50
5	1	S278170002	Washer Ø12.5xØ48x1.5	20		A34134300	Lower Jaw W50
6	1	S412800041	Gear Z30			0.4.4.0000000	Upper Jaw W50
7	1	S414260004	Pawls Carrier Ø8xN2		1 4	S414280080 S385970001	Peeler W46 - 50 SPRING
8	6	S000080003	Pawl Ø8*	27	4	M0601803	Screw UNI EN ISO 1207- M6x35 - A4
9	6	S000380001	Pawl Spring Ø8*	28	1	S413440019	Stripper Arm W50
10	1	S415590041	Gear Z20	29	3	M6007103	Screw M6x50 UNI6107
11	1	S415610004	Pinion Z11	30	1	S4134500A5	Cover 2 speed W50
12	2	A72821800	Roller Bearing 14/20/18	31	1	A94136400	Assy Socket W20-80
13	2	S281340080	Spacer roller bearings				Socket Handle W20/80
14	1	S413120002	Washer Ø22.5xØ45x1			S415130085	Washer Ø7.7xØ25x5.8 Screw M8x20 UNI 6109
15	1	S413070004	Pin Ø9xØ12x32.5		1	M0614303	SCIEW INIOXZU UINI O IU9
16	1	A94156000	Assy Gear Z11				
	2	S414900080	Gear Z11 Bushing Ø12xØ14x8				
17	1	A94134800	Assy Housing Winch 50				
17		A94134000	Housing Winch 50				
	1	S414900080	Bushing Ø12xØ14x8				
	1	S413330085 S4133200B3	Bushing Ø12xØ14x11 Bushing for support				
18	5	M0606303	Screw M8x25 UNI 5931				
10	5	1010000000					

*Available with service kit; see website www.harken.com





Radial Winch 50.2 STC

C=drum in chrome bronze

Pos.	Q.ty	Code	Description	Pos.	Q.ty	Code	Description
1	1	A94134700	Assy Base Winch 50	19	2	A74135100	Bearing Ø85xØ97x26
	4	0410050000	Base W50 Roller Ø6x19	20	1	S413520080	Spacer
		S413350080 S4152300A7	Bushing Ø22xØ25x9.5	21	1	A94142200	Assy Central Shaft W50
	1	S414890080	Bushing Ø9xØ11x7		1	S413880002	Central shaft W50 ST Washer Ø17.2xØ32x1.5
	1	S413330085	Bushing Ø12xØ14x11	22	I	3413000002	Winch Serial Number Sticker
2	1	A94134900	Assy Skirt Winch 50 Skirt W50	23	1	S4129400A0	Stripper arm support
			Winch Product Sticker**	23	1	S4129400A0	Drum W50 C
3	1	S413020004	Gear Z12	25	1	S281690097	Red line
4	1	S416050004	Pin	26	1	A94134300	Assy Jaws Winch 50
5	1	S278170002	Washer Ø12.5xØ48x1.5	20	I	A94134300	Lower Jaw W50
6	1	S412800041	Gear Z30				Upper Jaw W50
7	1	S414260004	Pawls Carrier Ø8xN2		1 4	S414280080 S385970001	Peeler W46 - 50 SPRING
8	6	S000080003	Pawl Ø8*	27	4	M0601803	Screw UNI EN ISO 1207- M6x35 - A4
9	6	S000380001	Pawl Spring Ø8*	28	1	S413440019	Stripper Arm W50
10	1	S415590041	Gear Z20	29	3	M6007103	Screw M6x50 UNI6107
11	1	S415610004	Pinion Z11	30	1	S4134500A5	Cover 2 speed W50
12	2	A72821800	Roller Bearing 14/20/18	31	1	A94136400	Assy Socket W20-80
13	2	S281340080	Spacer roller bearings				Socket Handle W20/80
14	1	S413120002	Washer Ø22.5xØ45x1		1	S415130085	Washer Ø7.7xØ25x5.8 Screw M8x20 UNI 6109
15	1	S413070004	Pin Ø9xØ12x32.5	_	I	M0614303	SCIEW WOXZU UINI OTU9
16	1	A94156000	Assy Gear Z11 Gear Z11				
	2	S414900080	Bushing Ø12xØ14x8				
17	1	A94134800	Assy Housing Winch 50 Housing Winch 50				
	1	S414900080	Bushing Ø12xØ14x8				
	1	S413330085 S4133200B3	Bushing Ø12xØ14x11 Bushing for support				
18	5	M0606303	Screw M8x25 UNI 5931				
10	5	10000303					

*Available with service kit; see website www.harken.com



Radial Winch 50.2 STCW

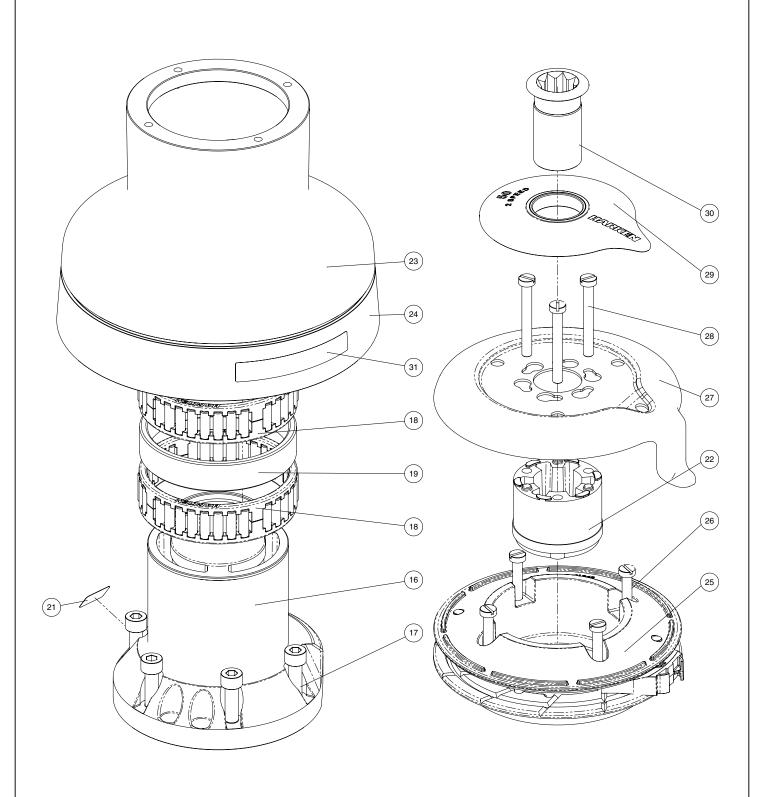
CW = chrome/white

Pos.	Q.ty	Code	Description	Pos.	Q.ty	Code	Description
1	1	A94134700	Assy Base Winch 50	19	2	A74135100	Bearing Ø85xØ97x26
	4	S413350080	Base W50 Roller Ø6x19	20	1	S413520080	Spacer
	1	S413350080 S4152300A7	Bushing Ø22xØ25x9.5	21	1	A94142200	Assy Central Shaft W50
	1	S414890080	Bushing Ø9xØ11x7		4	041000000	Central shaft W50 ST
	1	S413330085	Bushing Ø12xØ14x11	22	1	S413880002	Washer Ø17.2xØ32x1.5
2	1	A94134900W	Assy Skirt Winch 50 RAL9003			0440040040	Winch Serial Number Sticker
			Skirt W50 RAL9003 Winch Product Sticker**	23	1	S4129400A0	Stripper arm support
3	1	S413020004	Gear Z12	24	1	S413410043	Drum C W50
4	1	S416050004	Pin	25	1	S281690097	Red line
5	1	S278170002	Washer Ø12.5xØ48x1.5	26	1	A94134300W	Assy Jaws Winch 50 Lower Jaw W50 RAL9003
6	1	S412800041	Gear Z30				Upper Jaw W50 RAL9003
7	1	S412600041	Pawls Carrier Ø8xN2		1	S414280080W	Peeler W46 - 50 RAL9003
8	6	S000080003	Pawl Ø8*		4	S385970001	SPRING
9			Pawl Spring Ø8*	27	4	M0601803	Screw UNI EN ISO 1207 - M6x35 - A4
10	6	S000380001	Gear Z20	28	1	S413440019	Stripper Arm W50
11	1	S415590041	Pinion Z11	29	3	M6007103	Screw M6x50 UNI6107
12	1	S415610004	Roller Bearing 14/20/18	30	1	S4134500A5W	Cover 2 speed W50 RAL9003
12	2	A72821800	0 1 1	31	1	A94136400	Assy Socket W20-80
	2	S281340080	Spacer roller bearings		1	S415130085	Socket Handle W20/80 Washer Ø7.7xØ25x5.8
14	1	S413120002	Washer Ø22.5xØ45x1		1	M0614303	Screw M8x20 UNI 6109
15	1	S413070004	Pin Ø9xØ12x32.5				
16	1	A94156000	Assy Gear Z11 Gear Z11				
	2	S414900080	Bushing Ø12xØ14x8				
17	1	A94134800	Assy Housing Winch 50				
			Housing Winch 50				
	1	S414900080 S413330085	Bushing Ø12xØ14x8 Bushing Ø12xØ14x11				
	1	S413330085 S4133200B3	Bushing for support				
18	5	M0606303	Screw M8x25 UNI 5931				

*Available with service kit; see website www.harken.com

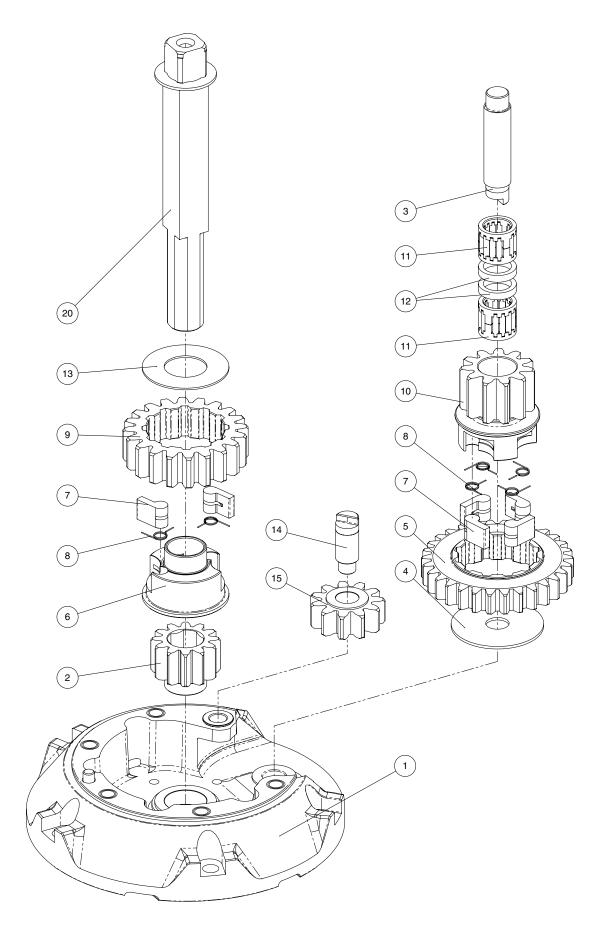


Radial Winch 50.2 STBBB, STCCC



Radial Winch 50.2 ST

Radial Winch 50.2 STBBB, STCCC



Radial Winch 50.2 ST



Radial Winch 50.2 STBBB

BBB = all bronze

Pos.	Q.ty	Code	Description	Pos.	Q.ty	Code	Description
1	1	A96633400	Assy base Winch 50	19	1	S413520080	Spacer
	1	S413350080	Base W50 Roller Ø6x19	20	1	A94142200	Assy Central Shaft W50
	1	S415550080 S4152300A7	Bushing Ø22xØ25x9.5		4	S413880002	Central shaft W50 ST Washer Ø17.2xØ32x1.5
	1	S414890080	Bushing Ø9xØ11x7	21		341300000Z	Winch Serial Number Sticker
0	1	S413330085	Bushing Ø12xØ14x11	22	1	S4129400A0	Stripper arm support
2	1	S413020004	Gear Z12	23	1	S688140043	Drum W50 B
3	1	S416050004	Pin				
4	1	S278170002	Washer 12.5x48x1.5	24	1	S281690097	Red line
5	1	S412800041	Gear Z30	25	1	A96933500	Assy Jaws Winch 50 BBB Lower Jaw W50 BBB
6	1	S414260004	Pawls Carrier Ø8xN2				Upper Jaw W50
7	6	S000080003	Pawl Ø8*		1	S414280080	Peeler W46 - 50
8	6	S000380001	Pawl Spring Ø8*		4	S385970001	Spring
9	1	S415590041	Gear Z20	26	4	M0601803	Screw UNI EN ISO 1207 - M6x35 - A4
10	1	S415610004	Pinion Z11	27	1	S7123200F0	Stripper arm W50 BBB
11	2	A72821800	Roller Bearing 14/20/18	28	3	M6007103	Screw M6x50 UNI6107
12	2	S281340080	Spacer roller bearings	29	1	A76933600	Cover W50 ST BBB
13	1	S413120002	Washer Ø22.5xØ45x1	30	1	A94136400	Assy Socket W20-80
14	1	S413070004	Pin Ø9xØ12x32.5		1	S415130085	Socket Handle W20/80 Washer Ø7.7xØ25x5.8
15	1	A94156000	Assy Gear Z11			M0614303	Screw M8x20 UNI 6109
		0.44.40000000	Gear Z11	31			Winch Product Sticker**
	2	S414900080	Bushing Ø12xØ14x8				
16	1	A94134800	Assy housing Winch 50 Housing Winch 50				
	1	S414900080	Bushing Ø12xØ14x8				
		S413330085	Bushing Ø12xØ14x11				
	1	S4133200B3	Bushing for support				
17	5	M0606303	Screw M8x25 UNI 5931				
18	2	A74135100	Bearing Ø85xØ97x26				

*Available with service kit; see website www.harken.com

**Winch product sticker





Radial Winch 50.2 STCCC

CCC = All-Chrome bronze

Pos.	Q.ty	Code	Description	Pos.	Q.ty	Code	Description
1	1	A96633400	Assy base Winch 50	19	1	S413520080	Spacer
	1	S413350080 S4152300A7	Base W50 Roller Ø6x19 Bushing Ø22xØ25x9.5	20	1	A94142200	Assy Central Shaft W50 Central shaft W50 ST
	1	S4152300A7 S414890080	Bushing Ø9xØ11x7		1	S413880002	Washer Ø17.2xØ32x1.5
	1	S413330085	Bushing Ø12xØ14x11	21			Winch Serial Number Sticker
2	1	S413020004	Gear Z12	22	1	S4129400A0	Stripper arm support
3	1	S416050004	Pin	23	1	S681070043	Drum C W50 CCC
4	1	S278170002	Washer Ø12.5xØ48x1.5	24	1	S281690097	Red line
5	1	S412800041	Gear Z30	25	1	A96812100	Assy Jaws Winch 50 CCC
6	1	S414260004	Pawls Carrier Ø8xN2				Lower Jaw W50 CCC Upper Jaw W50 RAL9003
7	6	S000080003	Pawl Ø8*		1	S414280080W	Peeler W46 - 50 RAL9003
8	6	S000380001	Pawl Spring Ø8*	_	4	S385970001	Spring
9	1	S415590041	Gear Z20	26	4	M0601803	Screw UNI EN ISO 1207 - M6x35 - A4
10	1	S415610004	Pinion Z11	27	1	S413440019	Stripper Arm W50
11	2	A72821800	Roller Bearing 14/20/18	28	3	M6007103	Screw M6x50 UNI6107
12	2	S281340080	Spacer roller bearings	29	1	A76811400	Cover 2 speed W50 CCC
13	1	S413120002	Washer Ø22.5xØ45x1	30	1	A94136400	Assy Socket W20-80 Socket Handle W20/80
14	1	S413070004	Pin Ø9xØ12x32.5		1	S415130085	Sockel Handle w20/80 Washer Ø7.7xØ25x5.8
15	1	A94156000	Assy Gear Z11		1	M0614303	Screw M8x20 UNI 6109
	2	S414900080	Gear Z11 Bushing Ø12xØ14x8	31			Winch Product Sticker**
16	1	A94134800	Assy housing Winch 50 Housing Winch 50				
	1	S414900080	Bushing Ø12xØ14x8				
	1	S413330085	Bushing Ø12xØ14x11				
17	1	S4133200B3	Bushing for support				
17	5	M0606303	Screw M8x25 UNI 5931				
18	2	A74135100	Bearing Ø85xØ97x26				

*Available with service kit; see website www.harken.com

