

antal

Roller

Installation Manual

For Models

RC230, RC290, RC350, RC420

Roller



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Installation

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1. About Roller

Roller is a cleat in hard black anodized or silver aluminum with two rotating horns and a peek ball that engages the open and closed positions. It can be shut down simply by turning one of the horns.

Roller has a rounded shape and a smooth design not to damage mooring lines.

4 main steps

- ① Closed: this position minimizes the size and prevents that other lines get caught.
- ② Open: with the sole gesture of the hand you will be able to open Roller (even when the line is on).
- ③ Tie the mooring line to the cleat.
- ④ With the sole gesture of the hand you will be able to close Roller.

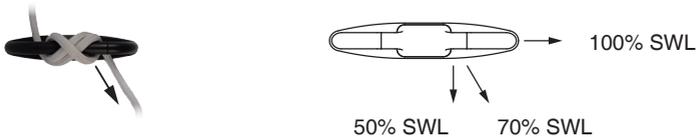


Safe Working Load

the SWL may differ according to the pull direction and it depends on the type of mooring line used.

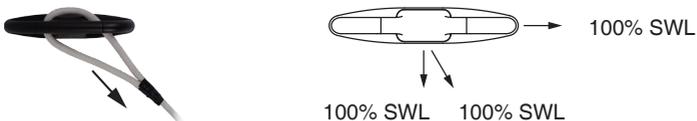
Mooring Knot

With the use of a mooring knot the max load changes with the line direction.



Spliced Line

With the use of a spliced line the max load remains the same for any line direction.



RC230, RC290, RC350, RC420

2. Installation

To install Roller, you will need: drill, sealant, Loctite 222 or 243. Studs, washer and nuts are included.

The **rotation of the horns is possible only in one direction**. This way Roller provides extra support to the crew as it works as **foot rest** when dangerous and sport maneuvers are undertaken.

 **Roller direction:** Roller is designed to be mounted in one direction. Please, find on the base of Roller the indication 'in' and mount Roller so that the arrow points inboard.

Installation

Refer to the exploded view drawing to identify the parts of Roller

- ① Use the base (07) as template to mark the anchoring holes on the deck.
- ② Drill anchoring holes on the deck as from the table below.
- ③ Cut screws and threaded studs (06) to required length. Use **Loctite 222** or **243** on fasteners' thread to avoid unscrewing. Use **sealant** around all the anchoring holes on the deck under the cleat base. In case the model requires the s.steel plate (included) insert the plate before tightening the nuts.
- ④ Tighten all anchoring screws and nuts.

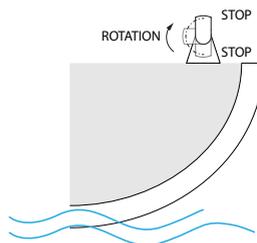
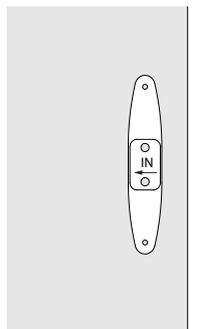
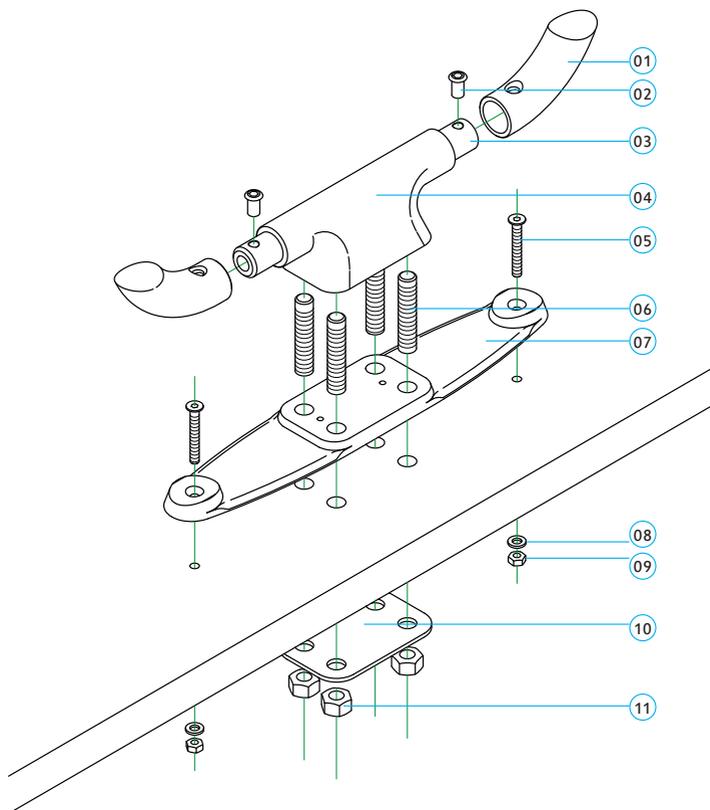


Table of Models

Model	Silver	Black	L mm	For Boats Up To (ft)	SWL kg	Weight kg	Screws included
RC230	/S	/B	232	36	2000	0.44	2 x 10 mm + 2 x 6 mm
RC290	/S	/B	287	46	4000	0.77	2 x 14 mm + 2 x 6 mm
RC350	/S	/B	346	58	7500	1.33	4 x 12 mm + 2 x 6 mm
RC420	/S	/B	418	70	11500	2.30	4 x 14 mm + 2 x 8 mm

Exploded View



RC350, RC420

N°	DESCRIPTION	MATERIAL	Q.TY
01	HORN	ALUMINUM	2
02	SCREW	S.STEEL	2
03	SHAFT	ALUMINUM	1
04	BODY	ALUMINUM	1
05	SCREW	S.STEEL	2
06	STUD	S.STEEL	4
07	BASE	ALUMINUM	1
08	WASHER	S.STEEL	2
09	NUT	S.STEEL	2
10	PLATE	S.STEEL	1
11	NUT	S.STEEL	4

RC230, RC290 (DIFFERENCES FROM RC350)

N°	DESCRIPTION	MATERIAL	Q.TY
06	STUD	S.STEEL	2
10	WASHER	S.STEEL	2
11	NUT	S.STEEL	2