

Installation

Installing the magnet on the anchor windlass

A hole having a diameter of 6.5 mm (~1/4") and depth of 8 mm (5/16") must be drilled on a tooth of the gipsy, in a place outside the chain's path.

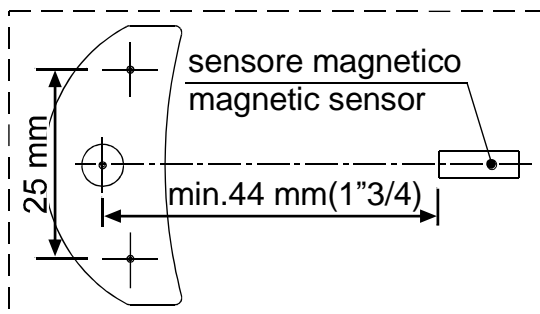
In the case of vertical shaft anchor windlasses (see Fig. 1B), drill the hole in the lower circumference of the gipsy.

In the case of horizontal shaft anchor windlasses (see Fig. 2B), drill the hole in the outer circumference of the gipsy.

Also make sure that the protruding part of the magnet will not collide with the base or sensor during rotation of the gipsy.

Insert the metal part of the magnet in the hole, allowing the protected part to protrude by about 2 mm. Fix it in place using an adhesive for metals (two-component epoxy glue) or silicone. The glue used must be able to withstand a marine environment.

Drilling template



Installing the magnetic sensor for vertical shaft anchor windlasses

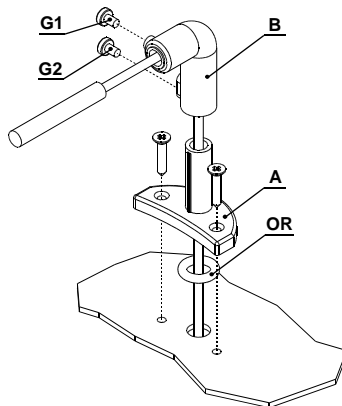
(see Fig. 1A – 1B)

Apply the drill template (see appended instructions) and drill a 4 mm (~3/16") hole in the cover through which to thread the sensor cable.

Fasten Part A of the support with the two screws provided, after having positioned the O-ring in the lower part of the support.

Fit Part B with the magnetic sensor on support A and adjust its height until it is aligned with the magnet fastened on the gipsy.

Bring the sensor to a distance of about 3 mm (~1/8") from the magnet and secure it in place by tightening screw G1. Then tighten screw G2.



Installing the magnetic sensor for horizontal shaft anchor windlasses

(see Fig. 2A – 2B – 2C)

Apply the drill template (see appended instructions) and drill a 4 mm (~3/16") hole in the cover through which to thread the sensor cable.

Fasten Part A of the support with the two screws provided, after having positioned the O-ring in the lower part of the support.

Cut Part C to measure using a hacksaw. The sensor must be positioned at a distance of about 3 mm (~1/8") from the magnet.

Fit Part C with the magnetic sensor on support A and fix it in place using an adhesive for plastic (two-component epoxy glue) or silicone.

Using the same glue, attach the sensor to Part C.

