

**Yacht hatch, R=100 coaming**

The Yacht hatch, R=100 coaming is a watertight hatch with a coaming that is compliant to yacht standards without compromising the functionality of the hatch. It is supplied as a completely finished and tested hatch, ready to weld in.

**Class society approval**

According demarcation overview Class society approval.

**Specification****Coaming**

8 mm aluminium  
8 mm stainless steel AISI316L  
8 mm steel

A 25 mm bar is positioned inside the coaming. This bar is acting as hatch stopper (no parts on the outside) and as positioning point for the wedges. The net clear opening is 50 mm less than the specified clear opening.

**Hatch cover**

8 mm steel  
8 mm stainless steel AISI316L  
8 mm aluminium plate.

The cover lid is equipped with a covering to hide the closing mechanism and gas springs. The covering is made of the same material as the cover lid.

**Closing system**

The hatch is operated through the patented, well-known Winel Musketeer central closing mechanism with stainless steel closing points. Self braking cleats operate with single action on the handle/handwheel. Light operation due to 1:33 force transmission. Cleats are fully adjustable. Quantity of closing points: 3.

**Operation**

The hatch is standard delivered without an operation device. Please check the option list for the optional operation devices.

**Insulation**

The hatch is standard delivered without insulation, please check the option list for optional insulation.

**Bearing material**

Orkot® Marine Bearings are manufactured from a unique synthetic composition incorporating solid lubricants for dry running to ensure outstanding wear life. Virtually no swelling in sea water and very low thermal coefficient of expansion provide dimensional stability in arctic and tropical seas. They do not corrode or promote corrosion of the housing and tolerate both edge loading and misalignment.

**Hinges**

The hatch is equipped with two hinges which are placed on the outside of the coaming.

**Gaspring**

Two stainless steel gas springs are placed inside the hatch. One gas spring is connected to the hatch cover with a fixed point and the other gas spring is equipped with a bracket with an elongated hole. Advantage of this system is a balanced opening force. In closed and open position the gas spring is hidden and protected by the covering.

**Available sizes**

Clear length (Hinge Side): 600, 650, 700, 750, 800 and 850 mm  
Clear width (non hinge side): 600, 650, 700, 750, 800 and 850 mm



**Surface treatment**

Shot blasted SA2, 5 and primed with one layer of AWL hull guard primer, min. 20 Mu.  
Standard stainless steel parts are passivated and pickled.

**Available options**

See option list yacht hatches. Document: PS.YH.38. Option list yacht hatches.

**Packing**

Packed on a wooden pallet and sealed with shrinking foil.

**Available article codes**

Please specify article codes when asking for quotation as follows:

484.11.HSxWxH	Yacht hatch, aluminium coaming, steel cover, HSxWxH
484.12.HSxWxH	Yacht hatch, aluminium coaming, aluminium cover, HSxWxH
484.13.HSxWxH	Yacht hatch, aluminium coaming, stainless steel cover, HSxWxH
484.21.HSxWxH	Yacht hatch, stainless steel coaming, steel cover, HSxWxH
484.22.HSxWxH	Yacht hatch, stainless steel coaming, aluminium cover, HSxWxH
484.23.HSxWxH	Yacht hatch, stainless steel coaming, stainless steel cover, HSxWxH
484.31.HSxWxH	Yacht hatch, steel coaming, steel cover, HSxWxH
484.32.HSxWxH	Yacht hatch, steel coaming, aluminium cover, HSxWxH
484.33.HSxWxH	Yacht hatch, steel coaming, stainless steel cover, HSxWxH

Specify clear opening	: HS x W x H = Hinge side x width x coaming height
Specify water pressure	: max. 6 Mwc
Specify options	: Article code
Specify class society	:
Quantity	: