



#### **Gas spring:**

Two steel gas springs are placed inside the hatch.

#### **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.

#### **Available sizes:**

Clear width: Minimum width 600mm, maximum width 1600mm  
Clear length: Minimum length 600mm, maximum length 1600mm

#### **Surface treatment:**

Shot blasted SA2,5 and primed with one layer of Hempel shop primer E1527C, minimal 20 Mu, Cleating rods, cleats, handle and mounting materials: stainless steel.

#### **Installation, operation and maintenance manual:**

Digital supplied on CD ROM in the English language (pdf format).

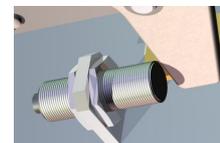
### **Available options**

#### **Seal groove double coated (article code 3H24.001):**

Seal groove double coated white CM7566 & seal glued into the groove.

#### **Close indication (article code 3H24.002):**

Proximity switch, Siemens M18, IP68 3RG4013 with 2 mtr cable and welding bracket.  
(Loose supplied)



#### **Locking pin into the cleating rod (article code 3H24.003):**

A pin locking device is added on the cleating system. A stainless steel pin is mounted on the lever of the musketeer mechanism. By using this pin the musketeer system is locked from the inside of the door.

#### **Hatch cover open holder (article code 3H24.006):**

A stainless steel hatch cover open holder is placed on the inside of the hatch. When the hatch cover is opened the open holder keeps the hatch in open position. To close the cover the open holder needs to be lifted up. The open holder is standard placed on the right side of the hatch.



#### **Acoustic insulation (article code 3H24.007):**

An insulation system is added on the cover between the stiffeners as described in the product sheet TD001. The insulation is covered by a 2 mm galvanized cover plate. The closing mechanism is visible.

#### **Thermal insulation (article code 3H24.008):**

An insulation system is added on the cover between the stiffeners as described in the product sheet TD003. The insulation is covered by a 2 mm galvanized cover plate. The closing mechanism is visible.

### **/// Packing**

Packed according our standard packing instructions, on a wooden pallet.

### **/// How to specify:**

By selecting the right specification the article is specified:

Article code **4H24.21.HS1000x800-250** = weather tight flush hatch, Winel musketeer, with gas spring, steel 8 mm doorplate, steel coaming, with a clear opening of 1000(hingeside) x 800 mm and a deck load of 250 kg/m<sup>2</sup>

Code	Execution
1	Steel coaming, steel cover
2	Steel coaming, aluminium cover
3	Aluminium coaming, aluminium cover

Specify options :  
Specify class society :  
Specify hinge side :  
Specify deck load : kg/m<sup>2</sup>  
Quantity :