

FOR EVALUATION ONLY

**BOHAMET** is a manufacturer of marine doors.

**BOHAMET® company is a producer of:**

**1. Marine doors to the following standards:**

- fire-proof door (A0, A30, A60)
- splash-proof steel door: NS 6091, DIN 83102
- hose-proof steel door: NS 6090, DIN 83101
- dust-proof steel door: DIN83103
- dust tight double steel door: DIN83102
- splash-proof marine door with central locking
- hose-proof marine door with central locking
- watertight marine door with central locking from 0.36 to 1.5 bar or according Customer request
- double door

**2. Standard equipment for doors:**

- locks, handles, labels, spring folding covers by Schwepper
- windows, portlights
- door closer (inside or outside)
- latch lock with handle
- limit switch (for watertight door)

**3. Materials which are used for doors:**

- door leaf, door frame are made of steel grade A (RST-37) acc. PN-93/H-92147 (6, 8 mm)
- hinge pins are made of stainless steel
- the grease nipples are made of galvanized steel acc. DIN3404
- the elements of closing mechanisms are made of galvanized steel except for the main lock (or wheel) and revolving tips (or bolt locks) which are made of stainless steel
- sealing cord is made of neoprene rubber or according DIN83106 (NBR)



**Standard, A0 A60 Hatches**

**Watertight - A60 - fire-proof - double door**  
(maximum pressure 0,4 Bar)



## 1. Purpose:

The spray-tight ship door is designed mainly for mounting in walls of ship's superstructures.

## 2. Characteristics:

The door is built according to NS 6090 standard. The door is made of steel grade A (RST-37) acc. to PN-93/H-92147 in a welding version. Pins of closures are settled in steel sleeves. Hinge pins are made from stainless steel. Closures and hinges have holes for M10x1 grease nipples acc. to DIN 3404 M10x1. The door is sealed up with a 40x20 rubber packing cord.

## 3. Finish:

The door blade and frames are painted prime coat: EPIRUST (40µm, gray); inter layer EPINOX 77 (2x100µm, gray) Additional under rubber gasket: EPINOX 77 (2x100µm, gray). Door frame: HEMPEL SHOPPRIMER ZS15809 (15÷20 µm, gray). Doors with insulation are painted under cover: EPINOX 77 (2x100µm, gray) Other painting - to be agreed with the Manufacturer.

## 4. Technical specification:

### Door opening direction (acc. ISO-6049)

**L** – left door;  
**R** – right door;

### Door type:

**E** – R100 frame;  
**N** – R30 frame;  
**K** – R0 frame;

### Door leaf material:\*

**ST** – steel;  
**ZN** – zinc – plated steel;  
**SN** – stainless steel;

### Door frame material and type:\*

**STK** – steel frame made of angle bar 50x75x8;  
**ZNK** – zinc plated steel frame made of angle bar 50x75x8;  
**SNK** – stainless steel frame made of angle bar 50x75x8;  
**STP** – steel frame made of flat bar 100x8;  
**ZNP** – zinc plated frame made of flat bar 100x8;  
**SNP** – stainless steel frame made of flat bar 100x8;

## Door options:

**S** – with portlight;  
**SC** – with portlight with deadlight;  
**W** – with window;  
**WC** – with window with cover;  
**IZ30** – with 30 mm thick mineral wool insulation  
**G** – gas tight;

## Lock types:

**Z0** – with padlock fastening;  
**Z3** – with 3827Z lock (Schwepper);  
**Z4** – with 3240Z lock (Schwepper);  
**Z5** – with 3801Z lock (Schwepper);  
**Z6** – with 3801ZR lock (Schwepper);  
**Z7** – with 5341/8/5390 lock (Trio Ving);  
**Z8** – with 5312/8/5390 lock (Trio Ving);

## Accessories:

**H2** – with hook 200 mm long;  
**H3** – with hook 300 mm long;  
**SWE** – with external door closer GEZE 4000;  
**SWI** – with internal door closer GEZE 4000;  
**DH** – with "Door holder" DIN81406A  
**LM** – with limit – switch LM-10D  
**CM** – covered mechanism

\*(doors ST, ZN, SN – only with ST, ZN or SN frames)

When placing an order, please specify the following information in the order given:

Product no. – door clear size – opening direction – type – leaf material – frame material and type – and depending on customer's needs: door finish version – type of lock – accessories

**Example: BOH.6090 – 1380x600-L-E-ST-STK-S-Z0-H2**