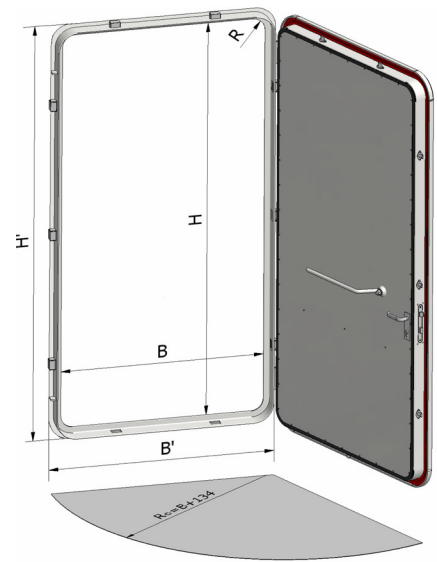


# WATERTIGHT SHIP DOOR

UP TO 0,4 BAR  
TYPE BOH.0340

## PURPOSE

The watertight ship door is designed for mounting in walls of ship's superstructures.



## CHARACTERISTICS

The door can be made of steel, aluminum or stainless steel. Pins of closures are settled in bronze sleeves. Hinge pins are made of stainless steel. Hinges have holes for M10x1 grease nipples acc. to DIN 3404 or DIN 71412 M10x1. The door is sealed up with a 40x20 rubber packing cord.

## STANDARD PAINTING

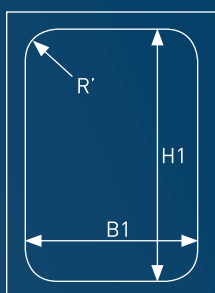
Steel door blade: EPINOX 77 (2x130µm, gray).  
Steel door frame: HEMPEL SHOPPRIMER ZS 15809 (15±20µm, gray).  
Doors with insulation under cover: EPINOX 77 (2x130µm, gray).  
Optional: steel door blade:  
primer – HEMPEL HEMPADUR MASTIC 45880/45881 (grey),  
topcoat – HEMPEL HEMPADUR MASTIC 45880/45881 (RAL color).  
Steel door frame: HEMPEL SHOPPRIMER ZS 15809 (15±20µm, gray).

## LOCK TYPES

- Z0** – with padlock fastening
- Z5** – with stainless steel MORTISE LOCK AND HANDLE
- Z6** – with stainless steel MORTISE DEAD LOCK
- Z7** – with 5341/8/5390 lock (TrioVing)
- Z8** – with 5312/8/5390 lock (TrioVing)

## 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
- PS** – with inductive proximity switch



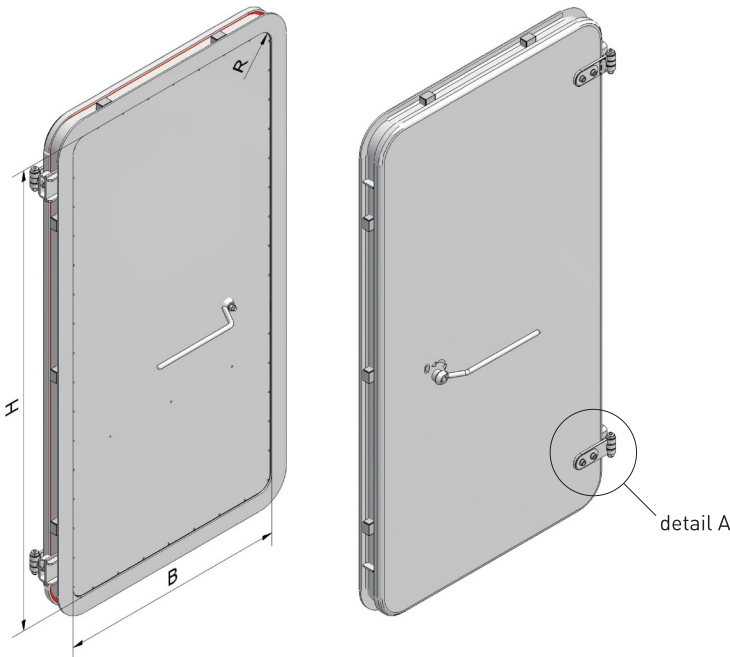
Cut out in bulkhead and overall dimensions acc. coaming type and radius.

| coaming / R                         | R100                         | R66                          | R30                         | R0                         | overall dimensions   |
|-------------------------------------|------------------------------|------------------------------|-----------------------------|----------------------------|----------------------|
| angled coaming<br>STK / ALK / SSK   | -                            | H1=H+40<br>B1=B+40<br>R'=90  | -                           | H1=H+40<br>B1=B+40<br>R'=0 | H'=H+80<br>B'=B+80   |
| flat bar coaming<br>STP / ALP / SSP | H1=H+20<br>B1=B+20<br>R'=110 | -                            | H1=H+20<br>B1=B+20<br>R'=40 | H1=H+20<br>B1=B+20<br>R'=0 | H'=H+62<br>B'=B+62   |
| T-bar coaming<br>STT, SST           | -                            | H1=H+70<br>B1=B+70<br>R'=100 | -                           | -                          | H'=H+160<br>B'=B+160 |

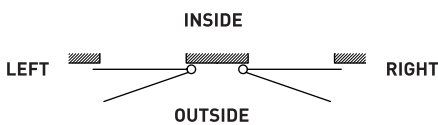
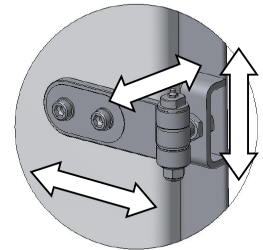
# TECHNICAL SPECIFICATION

|    |   |                        |                              |                                  |
|----|---|------------------------|------------------------------|----------------------------------|
| 1  | <b>coaming material</b>                   | steel (ST)             | stainless steel (SS)         | -                                |
| 2  | <b>coaming profile</b>                    | flat bar 80-450x8 (P)  | angled bar 80x40x6 (K)       | T-bar 80x80x8 (T)                |
| 3  | <b>coaming radius</b>                     | R100 for flat coaming  | R30 for flat coaming         | R66 for angled and T-bar coaming |
| 4  | <b>door leaf material</b>                 | steel (ST)             | stainless steel (SS)         | -                                |
| 5  | <b>opening mechanism material</b>         | zinc                   | stainless steel*             | -                                |
| 6  | <b>hinges qty</b>                         | 2 pcs.                 | 3 pcs.*                      | -                                |
| 7  | <b>surface treatment</b>                  | standard painting      | custom RAL color*            | -                                |
| 8  | <b>insulation</b>                         | none                   | 30mm thickness mineral wool* | -                                |
| 9  | <b>window</b>                             | none                   | window or scuttle            | window or scuttle with cover*    |
| 10 | <b>opening direction acc. to ISO 6049</b> | left opening door (LO) | right opening door (RO)      | -                                |
| 11 | <b>special purpose</b>                    | gas tight (G)          | bolted frame 80x80x8 (BF)    | -                                |

\*optional

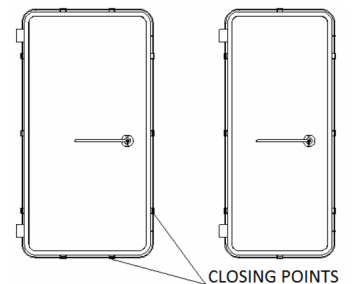


**detail A -**  
adjustable hinge  
in 3 axes



When placing an order, please specify the following information in the order given: Product no. – door clear size – opening direction – coaming radius – leaf material – frame material and type – and depending on customer's needs: door finish version – type of lock – accessories

Example:  
**BOH.0340 – 1800x800-RO-R66-ST-STT**



**MODEL I**  
1200 ≤ H ≤ 2200  
900 ≤ B ≤ 1100

**MODEL II**  
1200 ≤ H ≤ 2200  
600 ≤ B ≤ 899