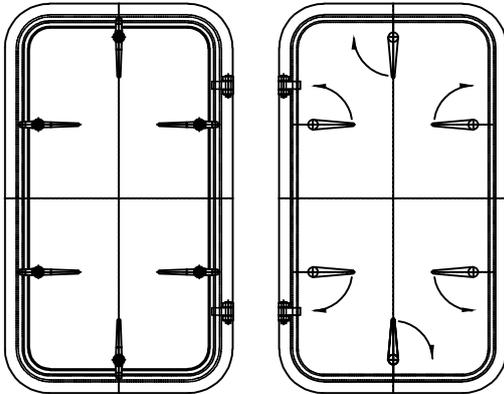
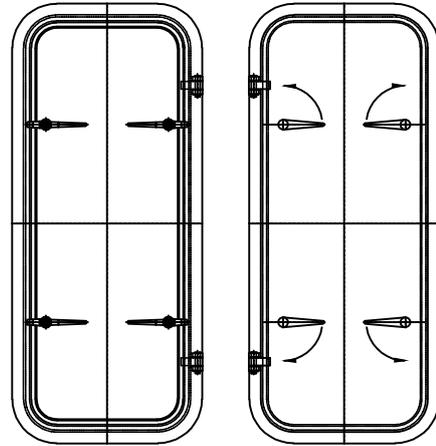


Watertight ship doors produced according to Load Line Convention 1966 and SOLAS Convention are designed to be mounted on steel or aluminium walls of the ship's superstructure. Standard doors with frame made of flat bar are based on DIN 83101 norm.

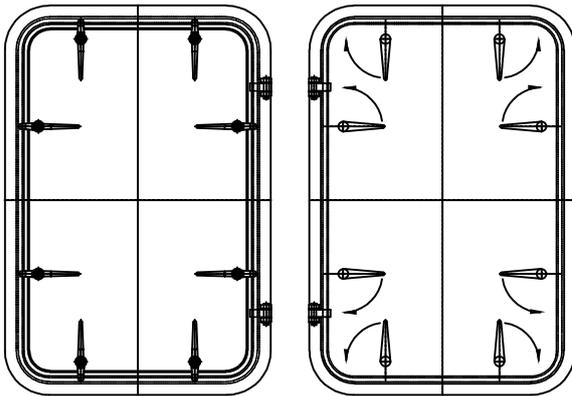
MODEL "2VI1"



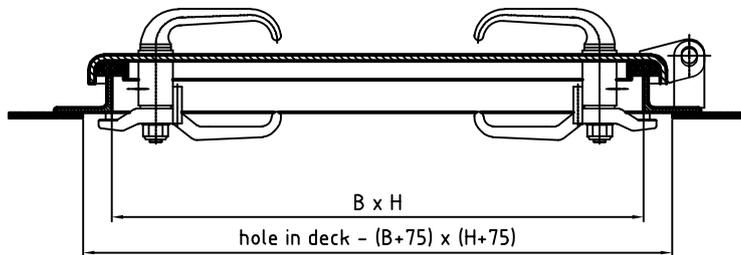
MODEL "2IV"



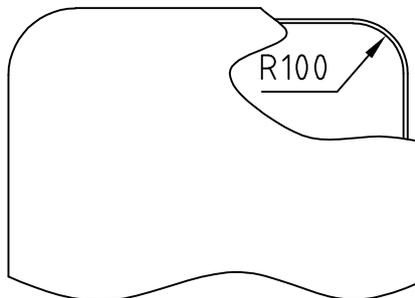
MODEL "2VIII2"



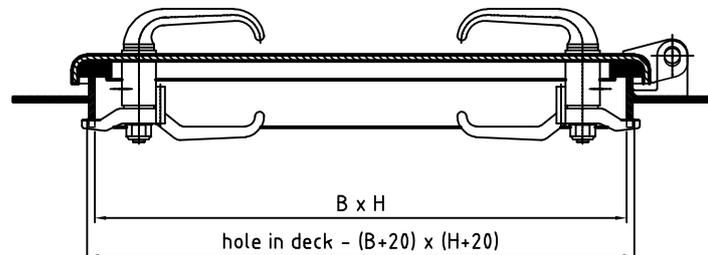
Frame Type "K"
(angle bar)



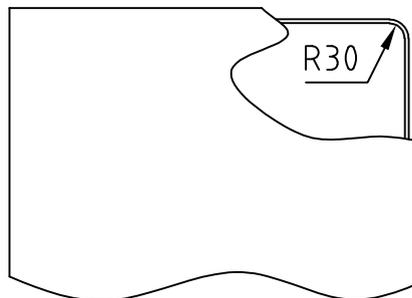
Type "R100"



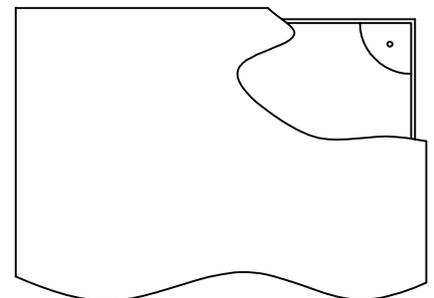
Frame type "P"
(flat bar)



Type "R30"



Type "R0"



Technical characteristic:

The leaf and the frame can be made of steel, aluminium, or stainless steel acc. to client's demands.
 Bolts of closures are embedded in brass sleeves. All bolts of hinges and closures are made of stainless steel type 1.4571.
 Closures and hinges are provided with holes for grease nipples M10x1.
 Doors are sealed with EPDM cord of dimension 40x20 as standard. On client's request it can be replaced by NBR or silicon.

Types and marking:

1. Door kind:

- L - left
- P - right



2. Degree of protection:

- WET** - weathertight door
- G** - gastight door

3. Closing mechanism:

- PO** - single closures with handle from both sides

4. Model:

- 2VIII2** - door equipped with 8 side closures
- 2VI1** - door equipped with 6 side closures
- 2IV** - door equipped with 4 side closures

CLOSURES SET ACC. DIN 83101

H height	B width / model		
	600	750	900
1400	2VI1		2VIII2
1600	2IV		2VIII2

5. Leaf material:

- S355** - door leaf made of steel S355J2 (S355ZN - hot galvanized version)
- 1.4571** - door leaf made of stainless steel 1.4571
- 5083** - door leaf made of aluminium 5083

6. Leaf stiffening (option):

- I** - door leaf stiffened by flat bars

7. Frame discriminant:

7.1. Frame material:

- S355** - door frame made of steel S355JR
- 1.4571** - door frame made of stainless steel 1.4571
- 6060** - door frame made of aluminium 6060

7.2. Frame type:

- K** - door frame made of angle bar
- P** - door frame made of flat bar

7.3. Frame mounting:

- no discriminant** - door frame welded to the ship's wall
- p** - door frame screwed to the ship's wall

8. Frame shape:

- R100** - door frame with corners of radius 100 mm
- R30** - door frame with corners of radius 30 mm
- R0** - door frame with rectangular corners

9. Dimension - H x B x s

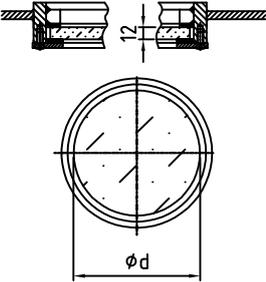
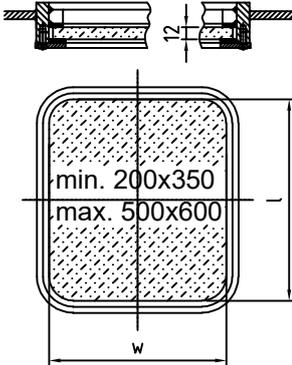
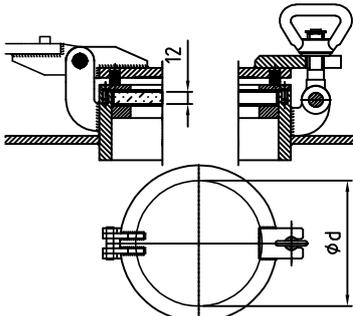
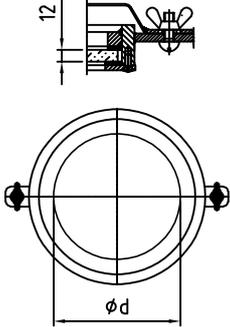
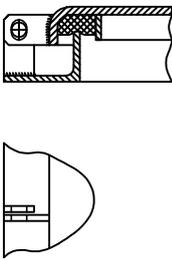
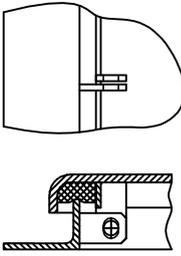
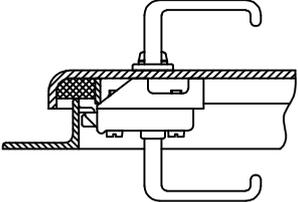
10. Equipment:

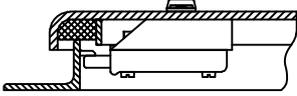
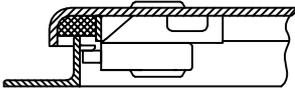
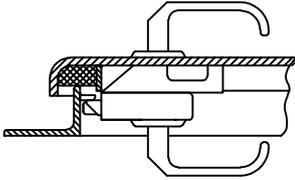
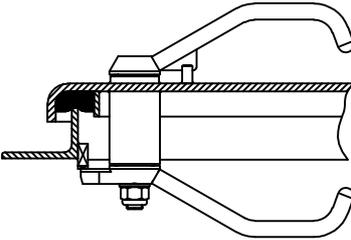
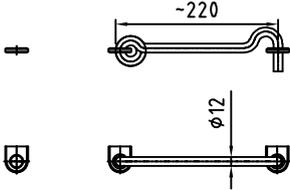
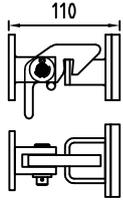
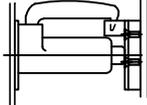
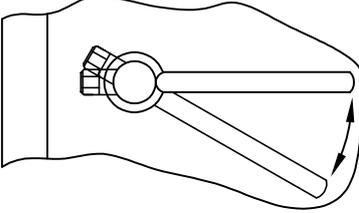
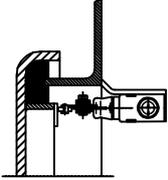
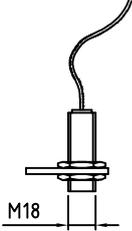
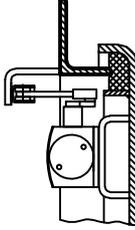
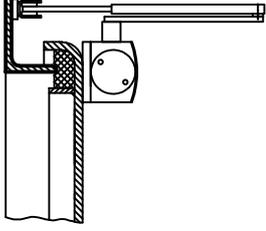
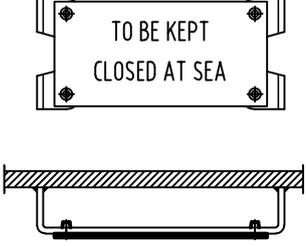
- U - porthole
 - O - window
 - B - porthole with cover
 - UP - porthole with removable cover
 - Iz40 - masking frame 40 mm with 40 mm isolation (standard - other thicknesses on request)
 - Z0 - eye for padlock from outside
 - Z0W - eye for padlock from inside
 - Z3 - lock 3827Z (Schwepper)
 - Z4 - lock 3240Z (Schwepper)
 - Z5 - lock 3827ZR (Schwepper)
 - Z6 - lock 5341/8 (TrioVing)
 - Z7 - lock 5312/8 (TrioVing)
 - K - latch closure
 - H - hook
 - YST - door catcher made of galv. steel (YSN - stainless steel version)
 - Y1 - door catcher 236A (Schwepper)
 - W - limit switch (LM-10DR-IP56)
 - W1 - inductive sensor (SIEMENS 3RG40 13-0AG31)
 - SW - inside selfclosure
 - SZ - outside selfclosure
 - E - nameplate (in english) with "TO BE KEPT CLOSED AT SEA" writing (other languages on request)
 - MS - no-sparking execution
- ADDITIONAL EQUIPMENT ACC. TO ARRANGEMENT WITH THE CLIENT**

11. Finishing:

Door painted with undercoat paint or acc. to arrangements with the client.

EQUIPMENT VERSIONS (see point 10)

"U"	"O"	"B"	"UP"
 <p>min. Ø250 max. Ø400</p>	 <p>min. 200x350 max. 500x600</p> <p>w</p>	 <p>min. Ø250 max. Ø400</p>	 <p>min. Ø250 max. Ø400</p>
"Iz40"	"Z0"	"Z0W"	"Z3"
 <p>40</p>			

<p align="center">"Z4; Z5"</p> 	<p align="center">"Z6"</p> 	<p align="center">"Z7"</p> 	<p align="center">"K"</p> 
<p align="center">"H"</p> 	<p align="center">"YST" ("YSN")</p> 	<p align="center">"Y1"</p> 	
<p align="center">"W"</p> 	<p align="center">"W1"</p> 	<p align="center">"SW"</p> 	<p align="center">"SZ"</p> 
<p align="center">"E"</p> 			

Marking sample " Ship door acc. to N19/34.100 ".....

L	—	WET	—	PO	—	2IV	—	S355	—	I	—	S355Kp	—	R100	—
Door kind		Degree of protection		Locking mechanism		Model		Leaf mechanism		Leaf stiffening		Frame discriminant		Frame shape	
—		1600x600x8	—		U-...-...-E	—		M38							
		Dimension			Equipment			Finishing							