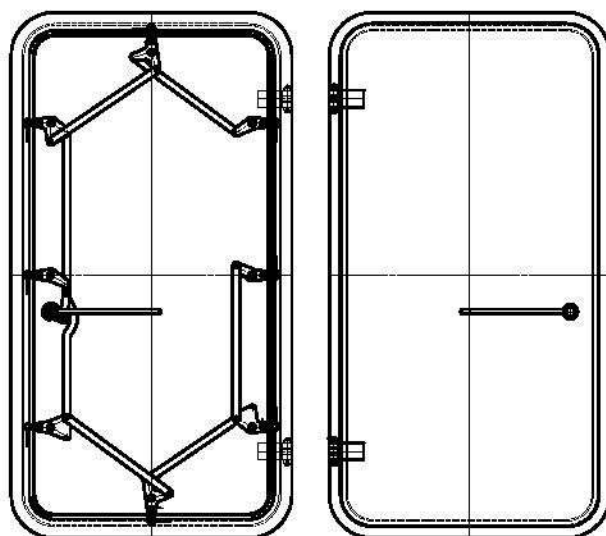
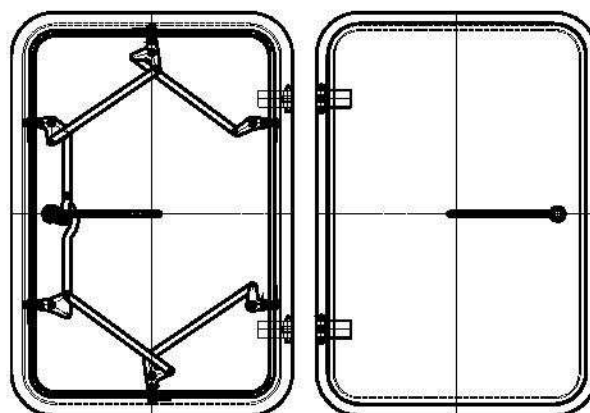


Weathertight ship doors produced according to Load Line Convention 1966 and SOLAS Convention are designed to be mounted on steel or aluminium walls of the ship's superstructure, and (performed as A-0) on fireproof walls.

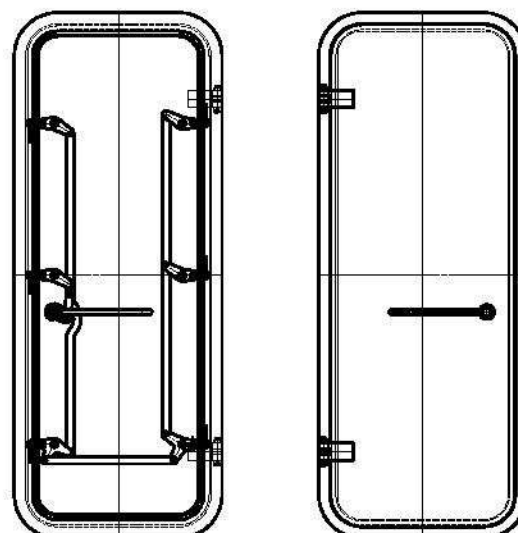
MODEL "3VIII1"



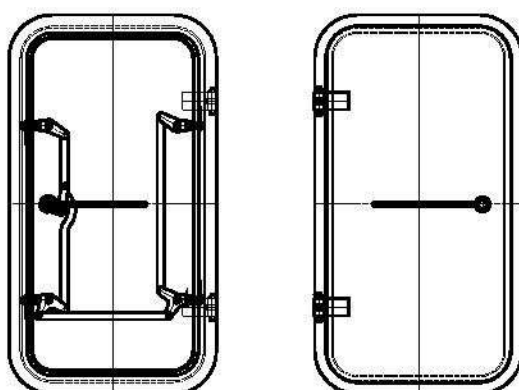
MODEL "2VI1"



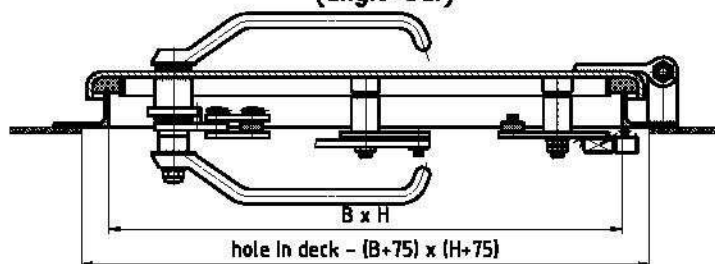
MODEL "3VI"



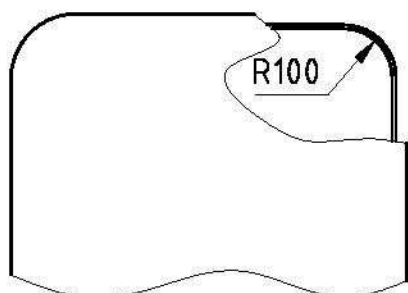
MODEL "2IV"



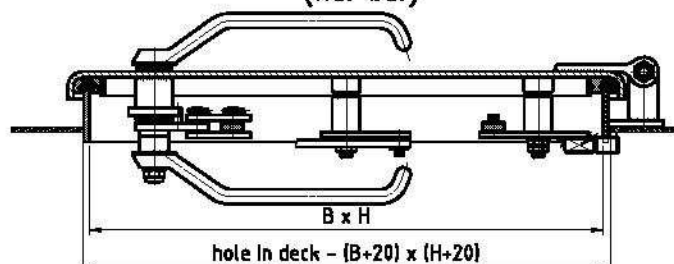
Frame Type "K"
(angle bar)



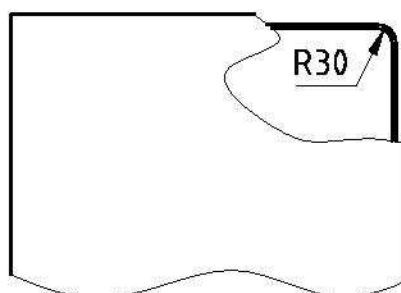
Type "R100"



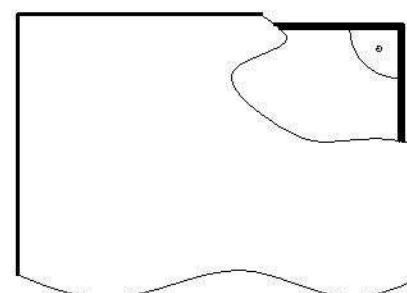
Frame type "P"
(flat bar)



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.

Closing mechanism elements are made of galvanized steel as standard.

All bolts of hinges and closures are made of stainless steel type 1.4571. Hinges are equipped with grease nipples M10x1 acc. to DIN 3404.

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. Fireproof class (door can be performed as fireproof version):

A0 - door A-0 class (not applicable for aluminum door)

2. Door kind:

L - left

P - right

3. Degree of protection:

WET - weathertight door

G - gastight door

4. Closing mechanism:

HH - central locking with handle from both sides

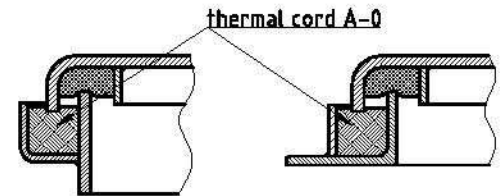
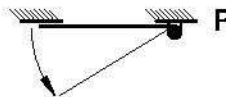
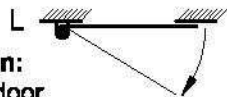
5. Model:

3VIII1 - door equipped with 8 side closures

2VI1 - door equipped with 6 side closures

3VI - door equipped with 6 side closures

2IV - door equipped with 4 side closures



DIMENSION TO MODEL TABLE (Examples)

H height	B width / model								
	600	650	700	750	800	850	900	950	1000
1300	2IV			2VI1					
1400									
1500	3VI								
1600									
1700									
1750									
1800				3VIII1					
1850									
1900									
1950									
2000									

6. Leaf material:

S235 - door leaf made of steel S235JR+N (S235ZN - hot galvanized version)

S355 - door leaf made of steel S355J2+N (S355ZN - hot galvanized version)

1.4571 - door leaf made of stainless steel 1.4571

5083 - door leaf made of aluminium 5083

7. Leaf stiffening (option):

I - door leaf stiffened by flat bars

8. Frame discriminant:

8.1. Frame material:

S235 - door frame made of steel S235JR+N

1.4571 - door frame made of stainless steel 1.4571

6060 - door frame made of aluminium 6060

8.2. Frame type:

K - door frame made of angle bar

P - door frame made of flat bar

8.3. Frame mounting:

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

p - door frame screwed to the ship's wall

9. 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

10. Dimension - H x B x s

11. Equipment:

U - porthole (not available in A-0 class)

O - window (not available in A-0 class)

B - porthole with cover (not available in A-0 class)

UP - porthole with removable cover (not available in A-0 class)

lz40 - masking frame 40 mm with 40 mm isolation (standard - other thicknesses on request)

lz40/113 - masking frame 113 mm with 40 mm isolation (locking mechanism covered)

lz0113 - masking frame 113 mm without isolation (locking mechanism covered)

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)

ZDP - with lock with anti-panic bar

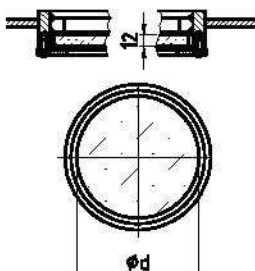
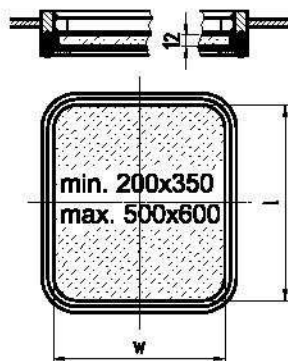
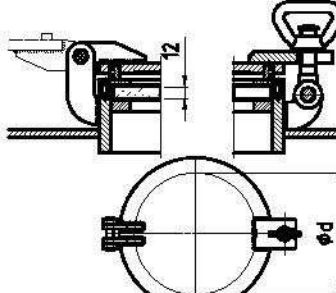
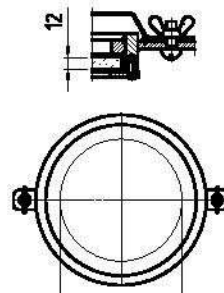

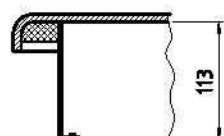
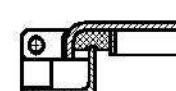
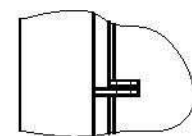
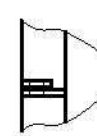

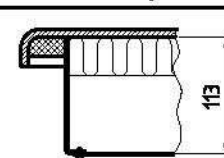
MS - no-sparking execution

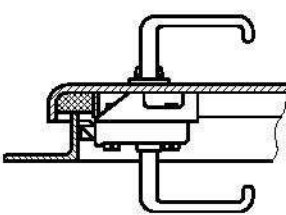
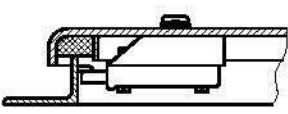
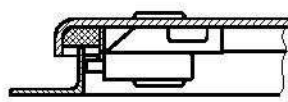
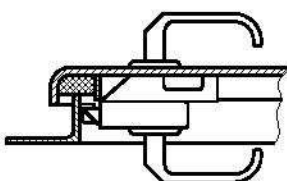
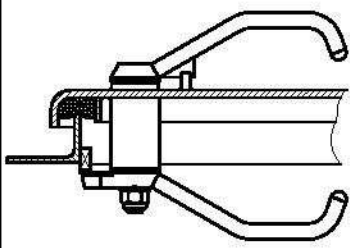
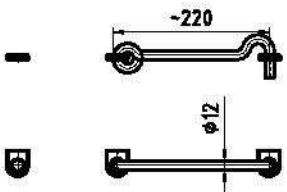
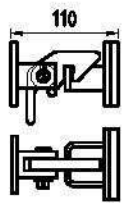
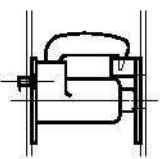
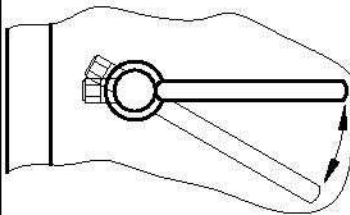
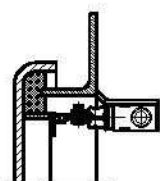
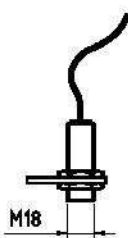
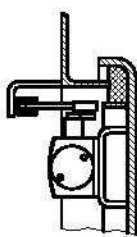
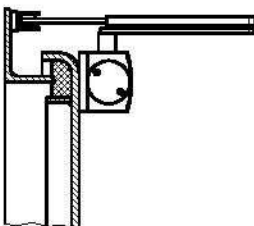
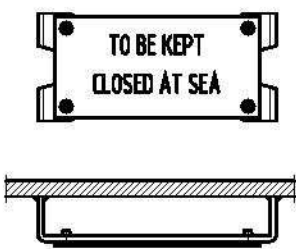
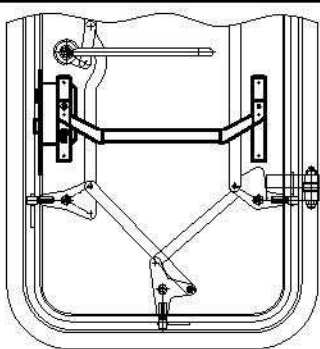
ADDITIONAL EQUIPMENT ACC. TO ARRANGEMENT WITH THE CLIENT

12. Finishing:

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

EQUIPMENT VERSIONS (see point 11)

"U"	"O"	"B"	"UP"
 <p>min. Ø250 max. Ø400</p>	 <p>min. 200x350 max. 500x600</p>	 <p>min. Ø250 max. Ø400</p>	 <p>min. Ø250 max. Ø400</p>
"lz40"	"lz0113"	"Z0"	"Z0W"
			
"lz40/113"			
			

"Z3"	"Z4; Z5"	"Z6"	"Z7"
			
"K"	"H"	"YST" ("YSN")	"Y1"
			
	"W"	"W1"	"SW"
			
"SZ"	"E"	"ZDP"	
			

Marking sample " Ship door with central locking acc. to N19/34.130 ".....

A0	L	WET	HH	3VI	S235	I	S235Kp	R100
Fire class	Door kind	Degree of protection	Locking mechanism	Model	Leaf material	Leaf stiffening	Frame discriminant	Frame shape
1800x700x8	U-...-...-E	M38						
Dimension	Equipment	Finishing						



SHIP DOOR WITH CENTRAL LOCKING

EDITION n°1/2016

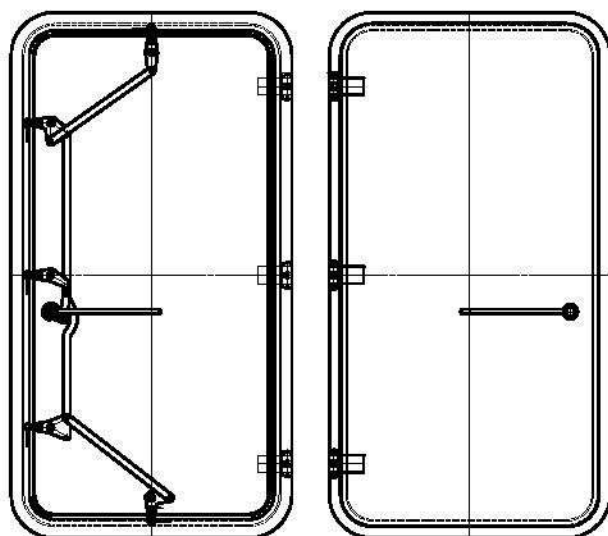
N19/34.132

PAGE / PAGES

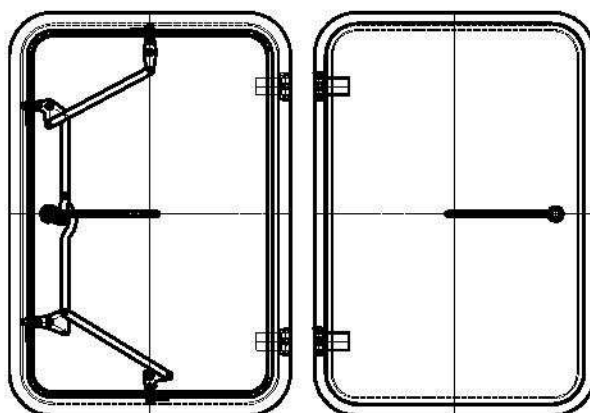
1 / 4

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, and (performed as A-0) on fireproof walls.

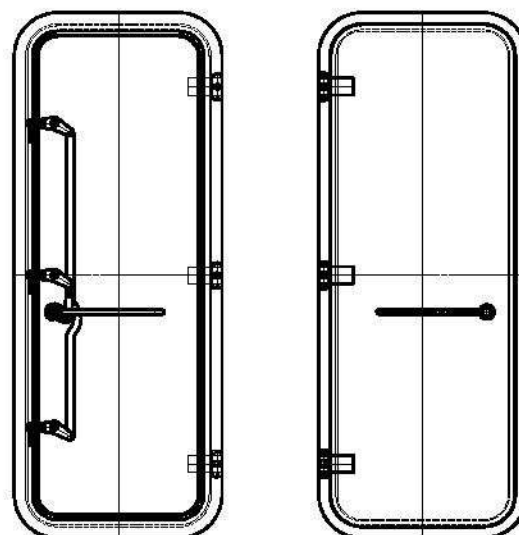
MODEL "3V1"



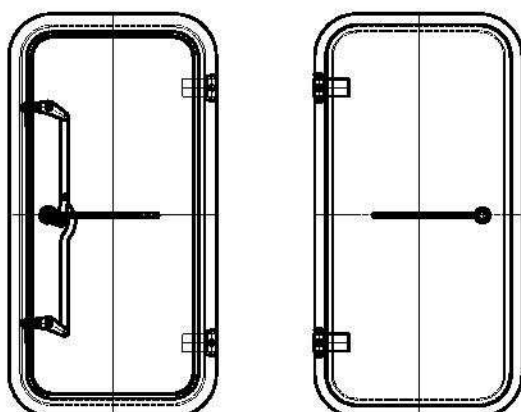
MODEL "2IV1"



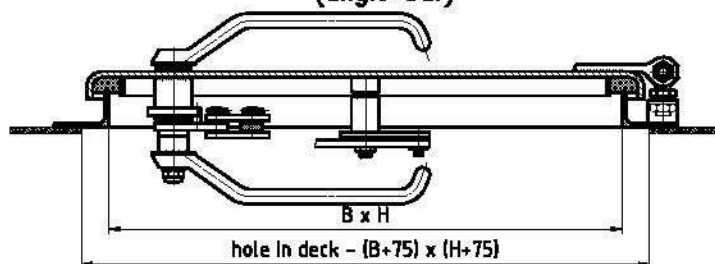
MODEL "3II"



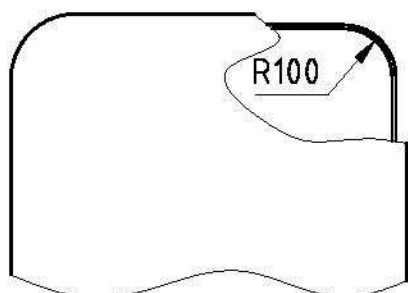
MODEL "2II"



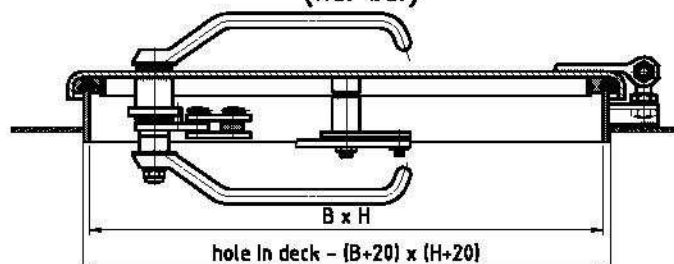
Frame Type "K"
(angle bar)



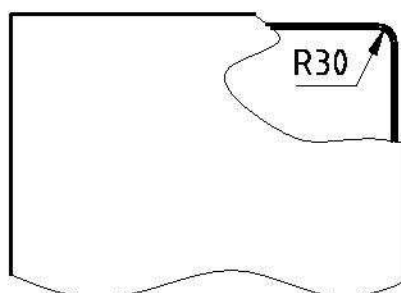
Type "R100"



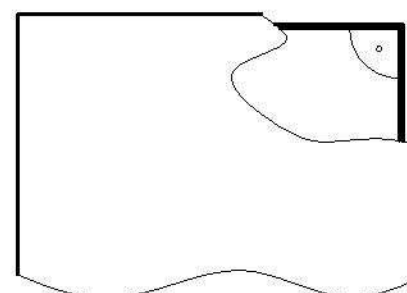
Frame type "P"
(flat bar)



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.

Closing mechanism elements are made of galvanized steel as standard.

All bolts of hinges and closures are made of stainless steel type 1.4571. Hinges are equipped with grease nipples M10x1 acc. to DIN 3404.

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. Fireproof class (door can be performed as fireproof version):

A0 - door A-0 class (not applicable for aluminum)

2. Door kind:

L - left

P - right

3. Degree of protection:

WT - watertight door

WET - weathertight door

G - gastight door

4. Closing mechanism:

HH - central locking with handle from both sides

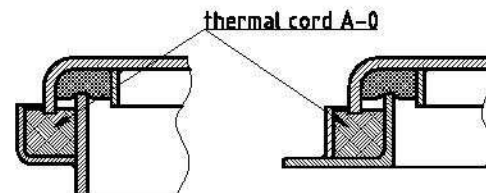
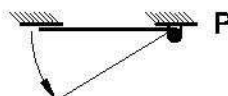
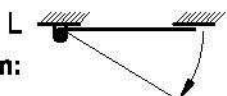
5. Model:

3V1 - door equipped with 5 side closures

2IV1 - door equipped with 4 side closures

3III - door equipped with 3 side closures

2II - door equipped with 2 side closures



DIMENSION TO MODEL TABLE (Examples)

H height	B width / model								
	600	650	700	750	800	850	900	950	1000
1300	2II			2IV1					
1400									
1500									
1600									
1700	3III			3V1					
1750									
1800									
1850									
1900									
1950									
2000									

6. Leaf material:

S235 - door leaf made of steel S235JR+N (S235ZN - hot galvanized version)

S355 - door leaf made of steel S355J2+N (S355ZN - hot galvanized version)

1.4571 - door leaf made of stainless steel 1.4571

5083 - door leaf made of aluminium 5083

7. Leaf stiffening (option):

I - door leaf stiffened by flat bars

8. Frame discriminant:

8.1. Frame material:

S235 - door frame made of steel S235JR+N

1.4571 - door frame made of stainless steel 1.4571

6060 - door frame made of aluminium 6060

8.2. Frame type:

K - door frame made of angle bar

P - door frame made of flat bar

8.3. Frame mounting:

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

p - door frame screwed to the ship's wall

9. 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

10. Dimension - H x B x s

11. Equipment:

U - porthole

O - window

B - porthole with cover

UP - porthole with removable cover

lz40 - masking frame 40 mm with 40 mm isolation (standard - other thicknesses on request)

lz40/113 - masking frame 113 mm with 40 mm isolation (locking mechanism covered)

lz0113 - masking frame 113 mm without isolation (locking mechanism covered)

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)

ZDP - with lock with anti-panic bar

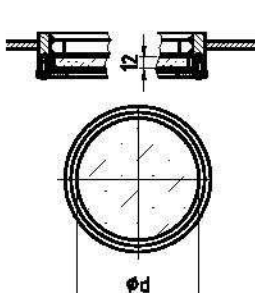
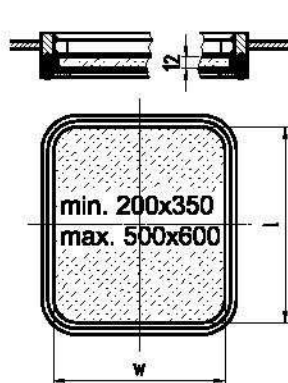
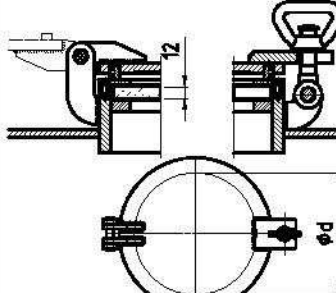
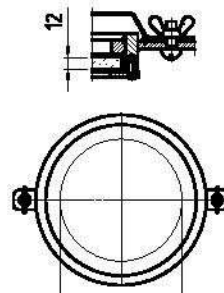

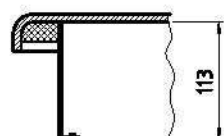
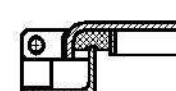
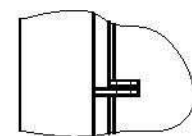
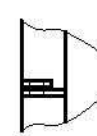

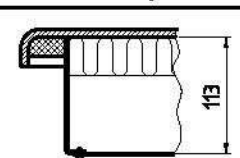
MS - no-sparking execution

ADDITIONAL EQUIPMENT ACC. TO ARRANGEMENT WITH THE CLIENT

12. Finishing:

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

EQUIPMENT VERSIONS (see point 11)

"U"	"O"	"B"	"UP"
 <p>min. Ø250 max. Ø400</p>		 <p>min. Ø250 max. Ø400</p>	 <p>min. Ø250 max. Ø400</p>
"lz40"	"lz0113"	"Z0"	"Z0W"
			
"lz40/113"			
			

SHIP DOOR WITH CENTRAL LOCKING				ENTRADA 161/2016	N19/34.132
				PAGE / PAGES	4 / 4
"Z3"	"Z4; Z5"	"Z6"	"Z7"		
"K"	"H"	"YST" ("YSN")	"Y1"		
	"W"	"W1"	"SW"		
	"SZ"	"E"	"ZDP"		

Marking sample " Ship door with central locking acc. to N19/34.132 ".....

A0	L	WET	HH	3V1	S235	I	S235Kp	R100		
Fire class	Door kind	Degree of protection	Locking mechanism	Model	Leaf mechanism	Leaf stiffening	Frame discriminant	Frame shape		
1800x800x6		U-...-...-E		M38						
Dimension		Equipment		Finishing						