

**Technical characteristic:**

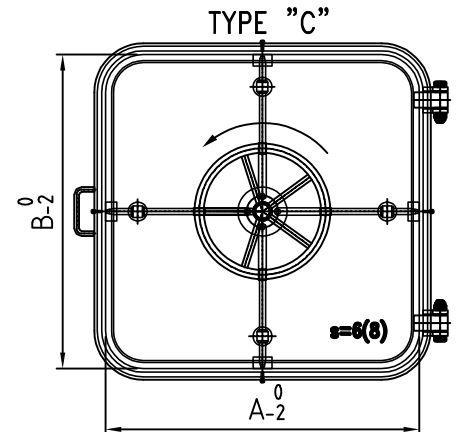
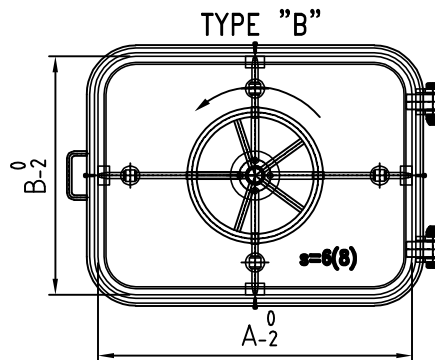
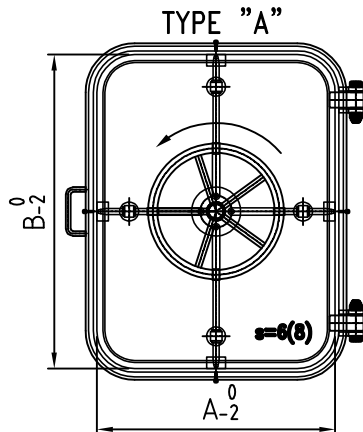
Hatch is designed to be mounted on steel or aluminium ship's decks.

Wheel (handle), bolts of central locking, bolts of side closures and hinges are made of stainless steel (316/1.4571).

**Types and marking:**

**1. Hatch type:**

- A** - rectangular (hinges on the longer side)
- B** - rectangular (hinges on the shorter side)
- C** - square



**2. Degree of protection:**

**WT** - watertight hatch

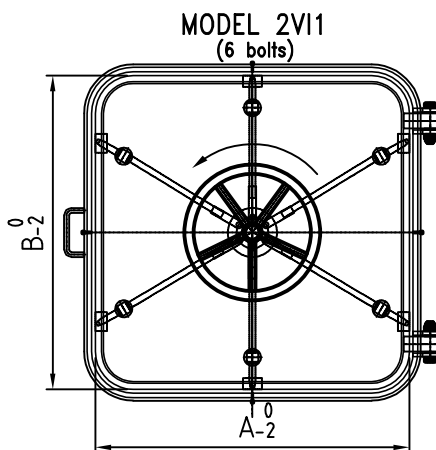
**3. Closing mechanism:**

**WW** - central locking with wheel from both sides

**4. Model:**

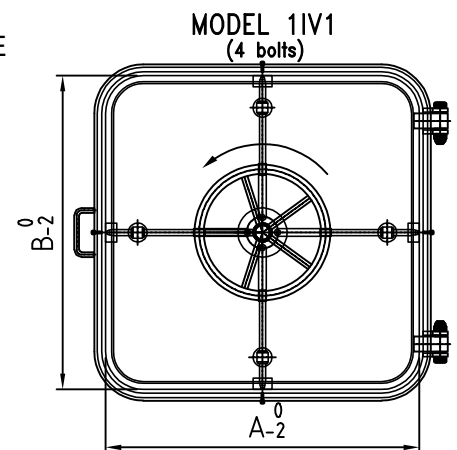
**2V11** - hatch equipped with 6 side closures

**11V1** - hatch equipped with 4 side closures



TYPICAL DIMENSION TABLE

A x B	Model
1030x1030	2V11
930x930	2V11
830x830	2V11
730x730	11V1
630x630	11V1



**5. Cover material:**

**S355** - hatch cover made of steel S355J2 (S355ZN - hot galvanized version)

**1.4571** - hatch cover made of stainless steel 1.4571

**5083** - hatch cover made of aluminium 5083

**6. Cover stiffening (option):**

**I** - cover stiffened by flat bars

**7. Coaming discriminant:**

**7.1 Coaming material:**

**S355** - coaming made of steel S355J2

**1.4571** - coaming made of stainless steel 1.4571

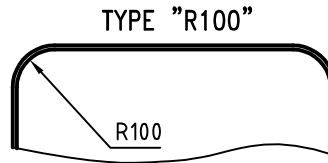
**5083** - coaming made of aluminium 5083

**7.2 Coaming profile:**

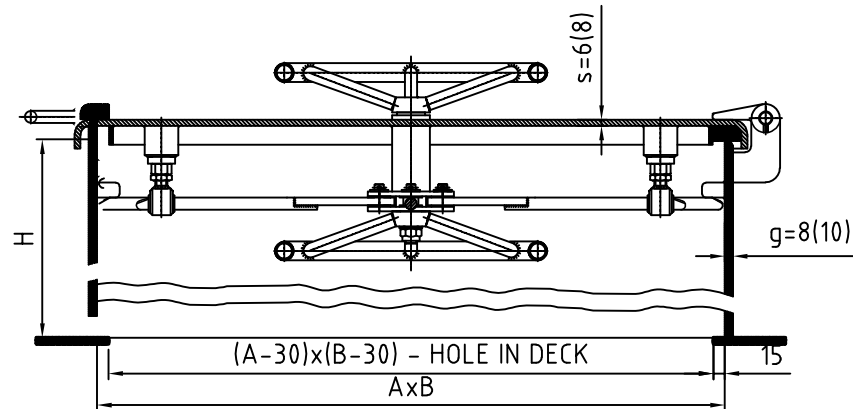
**P** - flat bar

**8. Coaming shape:**

**R100** - hatch coaming with corners of radius 100 mm



**9. Dimension - A x B**



**10. Equipment:**

**lz40** - 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

**PC** - counterweight

**S** - spring hinge

**GS** - steel gas spring as a support in opening

**2GS** - two steel gas springs as a support in opening

**GSN** - stainless steel gas spring as a support in opening (1.4404)

**2GSN** - two stainless steel gas springs as a support in opening (1.4404)

**GSV** - stainless steel gas spring as a support in opening (1.4301)

**2GSV** - two stainless steel gas springs as a support in opening (1.4301)

**BZ** - external blocking device for keeping the hatch in open position

**BW** - internal blocking device for keeping the hatch in open position

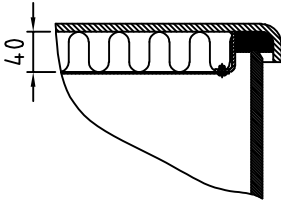

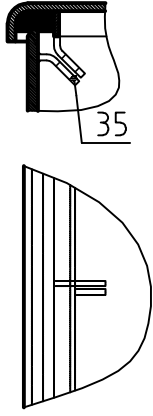
**W1** - inductive sensor (SIEMENS 3RG40 13-0AG31)

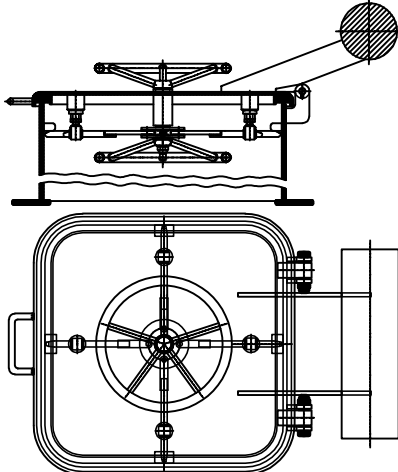
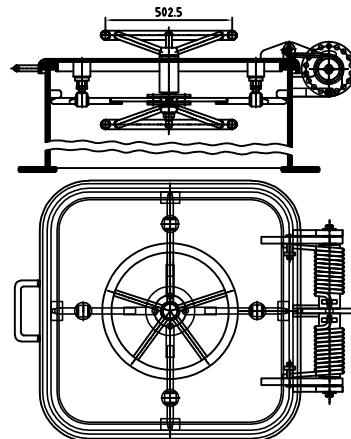
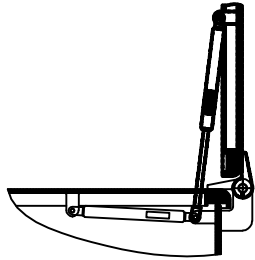
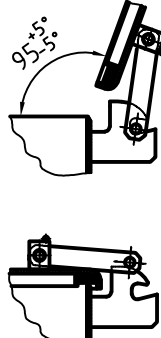
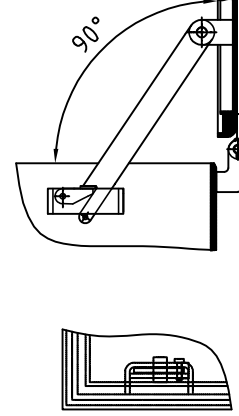
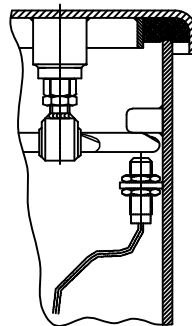

**E** - nameplate (in english) with "TO BE KEPT CLOSED AT SEA" writing (other languages on request)

**11. Finishing:**

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

**EQUIPMENT VERSIONS (see point 10)**

"lz40"	"Z0"	"Z0W"
		

<p style="text-align: center;">"PC"</p> 	<p style="text-align: center;">"S"</p> 	<p style="text-align: center;">"GS", "2GS", "GSN", "2GSN", "GSV", "2GSV"</p> 
<p style="text-align: center;">"BZ"</p> 	<p style="text-align: center;">"BW"</p> 	
<p style="text-align: center;">"E" (outside only)</p> 		

**Marking sample " Ship's hatch acc. to N19/34.3705W ".....**

C	WT	WW	2VI1	S355	I	S355P	R100
Hatch type	Degree of protection	Locking mechanism	Model	Cover material	Cover stiffening	Coaming discriminant	Coaming shape
830x830x8	Hxg	ZOW-...-...-E	M38				
Dimension	Coaming's discriminant	Equipment	Finishing				