

**Technical characteristic:**

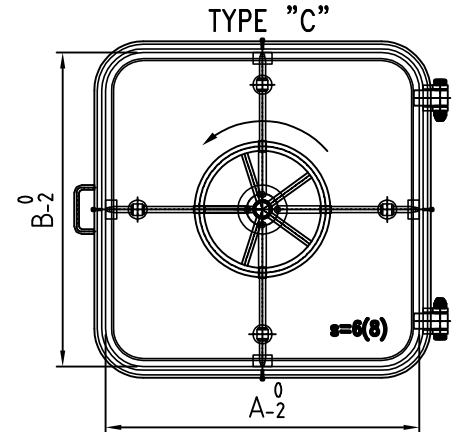
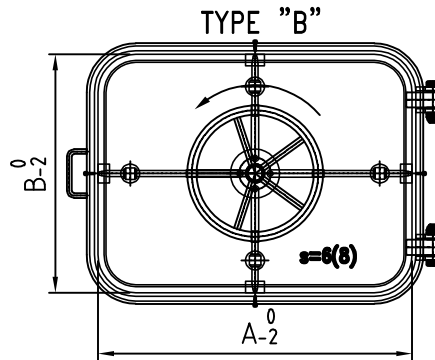
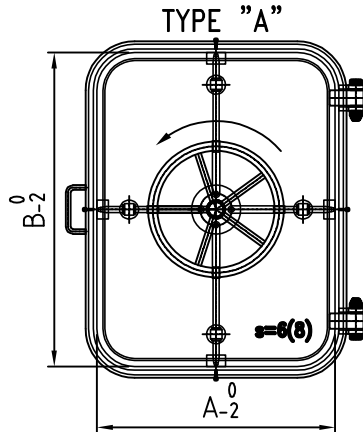
Hatch is designed to be mounted on steel or aluminium ship's decks.

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:**

- WET** - weathertight hatch
- G** - gastight hatch

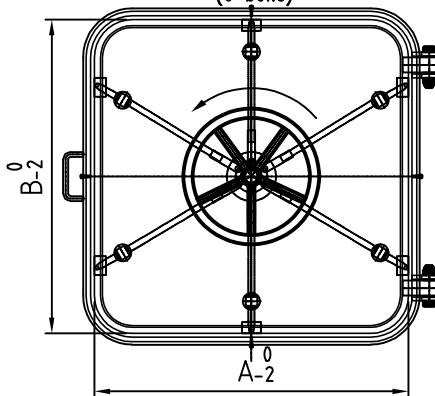
**3. Closing mechanism:**

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

**4. Model:**

- 2V11** - hatch equipped with 6 side closures
- 11V1** - hatch equipped with 4 side closures

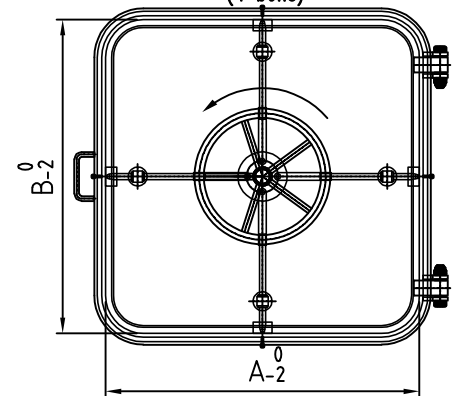
MODEL 2V11  
(6 bolts)



TYPICAL DIMENSION TABLE

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

MODEL 11V1  
(4 bolts)



**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

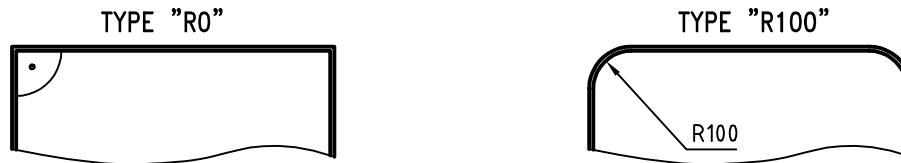
**7.2 Coaming profile:**

- P** - flat bar

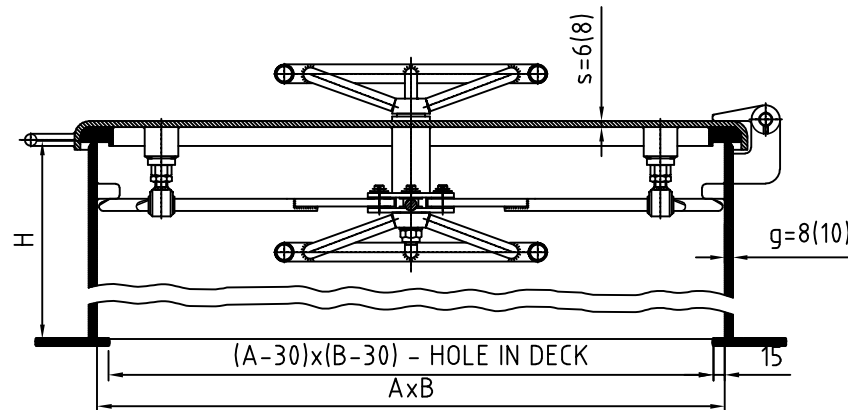
**8. Coaming shape:**

**R0** - hatch coaming with rectangular corners

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



**9. Dimension - A x B**



**10. Equipment:**

**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

**PC** - counterweight

**SP** - 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

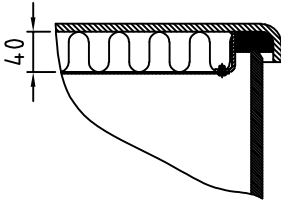

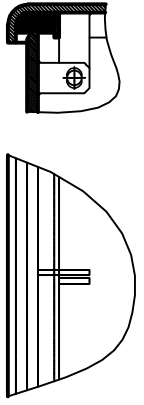
**W1** - inductive sensor (SIEMENS 3RG40 13-0AG31)

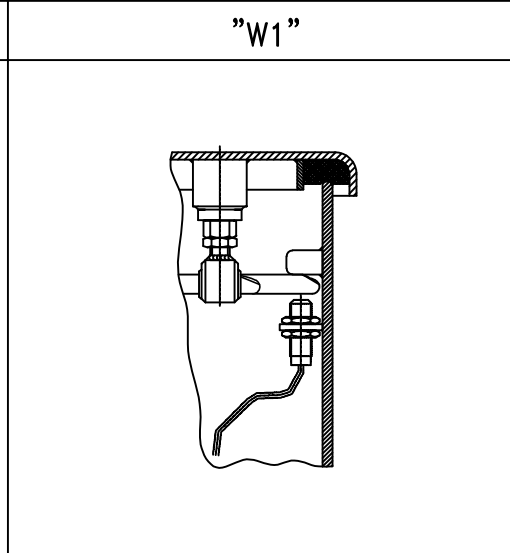
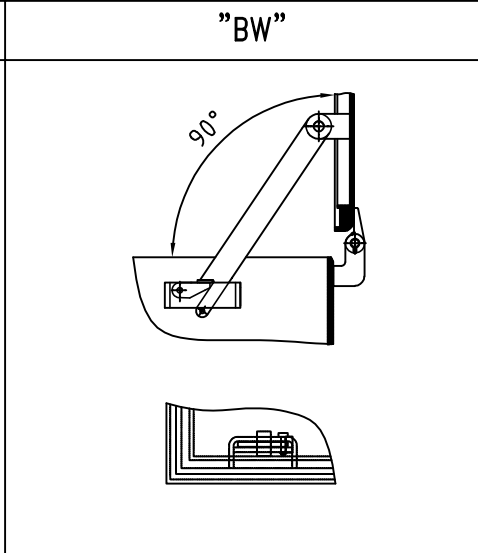
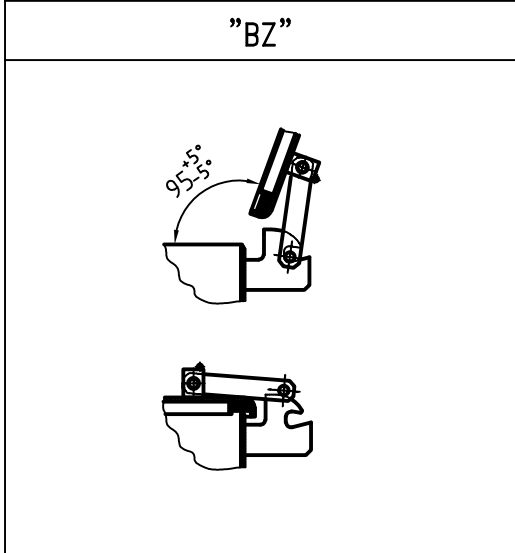
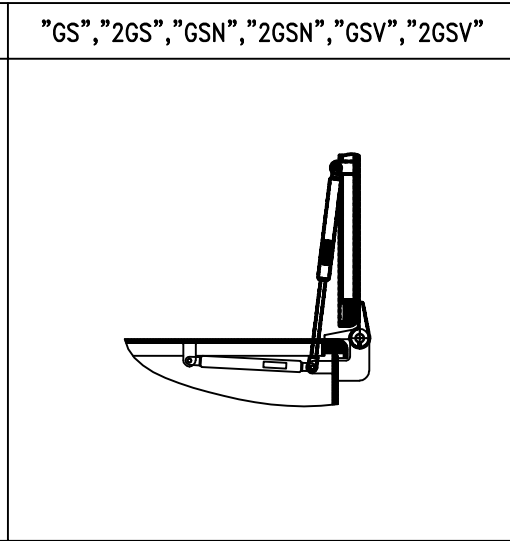
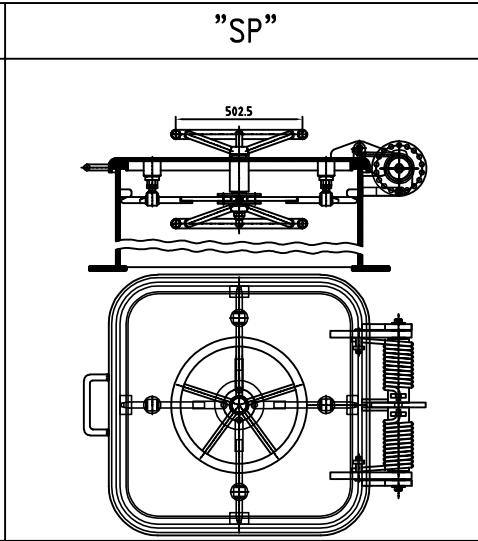
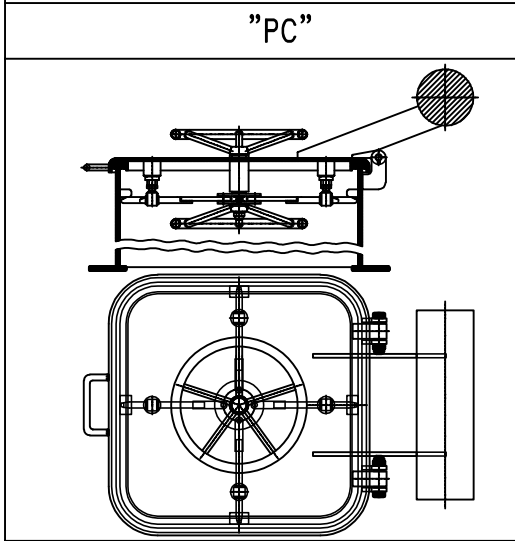
**E** - nameplate (in english) with "TO BE KEPT CLOSED AT SEA" writing (other languages on request)

**11. Finishing:**

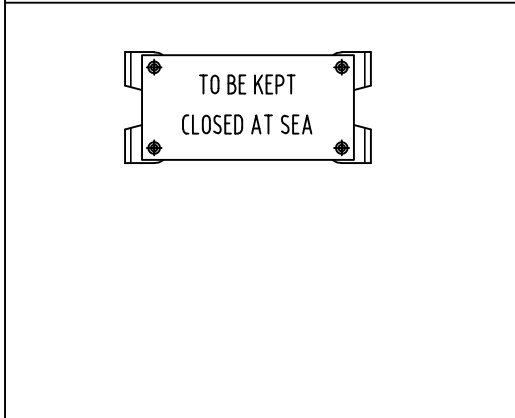
Hatch painted with undercoat paint or acc. to arrangements with the client.

**EQUIPMENT VERSIONS (see point 10)**

"Iz40"	"Z0"	"Z0W"
		



"E"  
(outside only)



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

C	WET	WW	2VI1	S355	I	S355P	R100
Hatch type	Degree of protection	Locking mechanism	Model	Cover material	Cover stiffening	Coaming discriminant	Coaming shape
830x830x6	Hxg	ZOW-...-...-E	M38				
Dimension	Coaming's discriminant	Equipment	Flnishing				