

Technical characteristic:

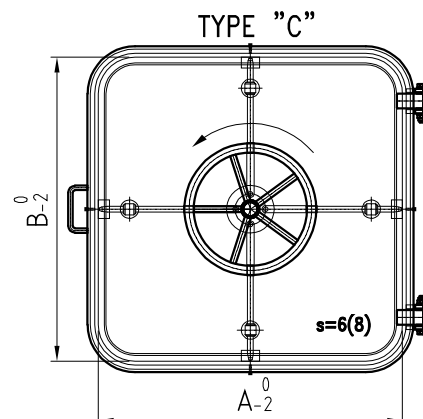
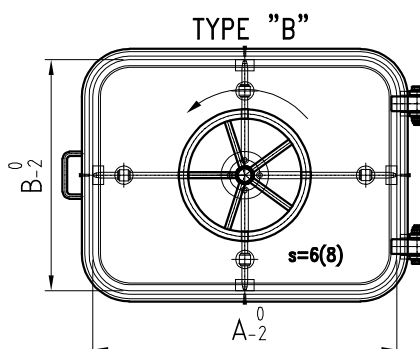
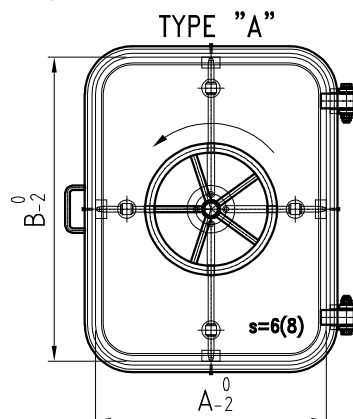
Hatch is designed to be mounted on steel or aluminium ship's decks.

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

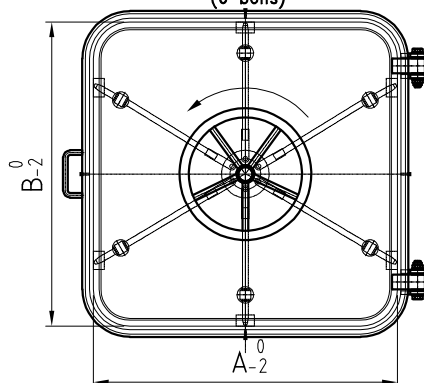
3. Closing mechanism:

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

4. Model:

- 2VI1** - hatch equipped with 6 side closures
- 1IV1** - hatch equipped with 4 side closures

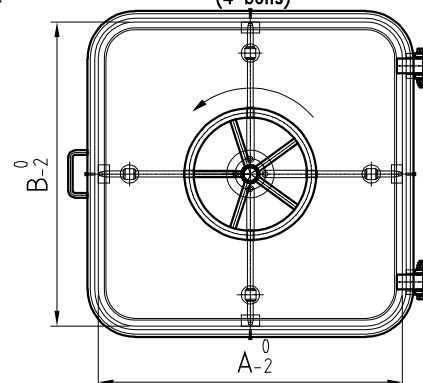
MODEL 2VI1
(6 bolts)



TYPICAL DIMENSION TABLE

| A × B | Model |
|-----------|-------|
| 1030×1030 | 2VI1 |
| 930×930 | 2VI1 |
| 830×830 | 2VI1 |
| 730×730 | 1IV1 |
| 630×630 | 1IV1 |

MODEL 1IV1
(4 bolts)



5. Cover material:

- S235** - hatch cover made of steel S235JR (S235ZN - hot galvanized version)
- 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:

- S235** - coaming made of steel S235JR
- 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

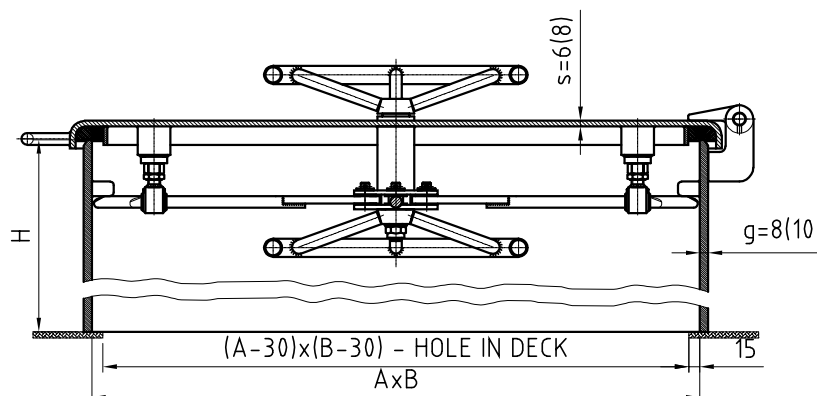
8. Coaming shape:

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

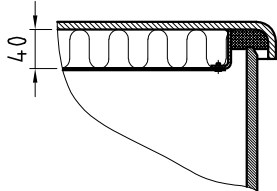
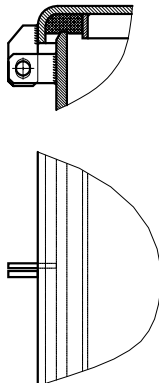
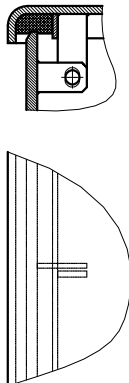
W1 - inductive sensor (SIEMENS 3RG40 13-0AG31)

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" |
|---|---|---|
|  |  |  |



SHIP'S HATCH

EDITION n03/2019

N19/34.3705

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| "PC" | "SP" | "GS", "2GS", "GSN", "2GSN", "GSV", "2GSV" |
|-----------------------|------|---|
| | | |
| "BZ" | "BW" | "W1" |
| | | |
| "E" (outside only) | | |
| | | |

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

| | | | | | | | | |
|------------|------------------------|-------------------|-----------|----------------|------------------|----------------------|---------------|--|
| C | WET | WW | 2VI1 | S235 | I | S235P | 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 | Finishing | | | | | |