



Bulkhead watertight sliding door

The bulkhead watertight doors are designed for tight closing of communication passages in watertight bulkheads of seagoing vessels.

HYDROSTER door system is in compliance with latest SOLAS regulations.

Compact design for fast installation consisting of frame, door plate, operating mechanisms, drive, control system together with monitoring and alarm equipment.

Max dimensions

- 2000x1200mm height x width in c/o. Standard width 600, 800, 900, 1000, 1100, 1200 other for request.

Max load

- to 25m water column.

Drive

- electro-hydraulic

Power of electric motor

- 0,55kW

Time of closing the door by means of:

- electro hydraulic drive unit $20 \leq t \leq 40$ sec.
- hand pump $t \leq 90$ sec.

Drive and control system enabling:

- remote closing door from bridge,
- local closing, and opening door,
- local closing and opening door by hand pump with both sides of bulkhead,
- opening, closing, opening by accumulator energy,
- closing door by hand pump installed over bulkhead deck,

Signalling:

- acoustic at the door,
- optical at door,
- optical and acoustic on mimic panel for the bridge,
- optical for stand over bulkhead deck,

Class certificates:

- GL, DNV, LR, BV, ABS

Bulkhead door-typical scope of delivery:

- door unit painted epoxy primer,
- hand pump with tank, and panel indicator lights for installation above bulkhead deck,
- control block,
- mimic panel for installation on bridge, spare parts,
- service manual,
- class certificate,

As an option:

- installation on board,
- service engineer for start-up,



Fire doors

1. Sliding door fire class type A60 tested to IMO 754(18)
 - Max dimensions: 2400x2400mm width x height in c/o
2. Sliding semi watertight door fire class type A60 tested to IMO 754(18)
 - Max dimensions: 1400x2400mm width x height in c/o

Max load

- 4m water column,

Drive

- pneumatic or electric

Class certificates

- MED, GL, DNV, LR, BV, ABS

Fire door - typical scope of delivery

- sliding door A60
- pneumatic cylinder with valve block,
- push buttons for door opening,
- safety strip,
- air tank for emergency operation 10 times after down of main supply,
- mimic panel for installation on bridge,
- spare parts,
- documentation for shipyard in Auto CAD,
- service manual,
- certificate,

As an option

- installation on board,
- service engineer for start-up