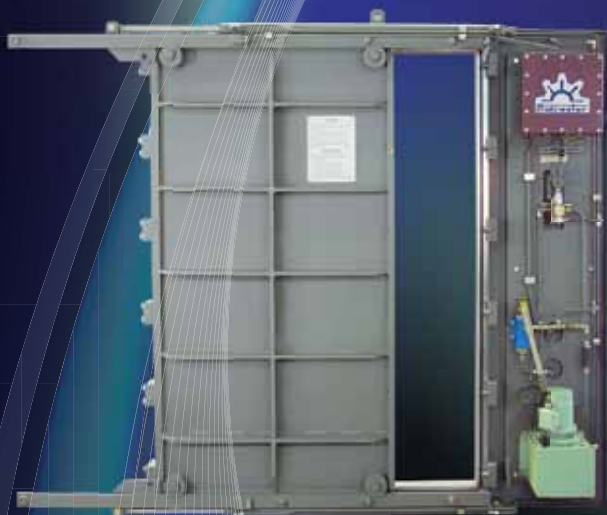


Hydroster

BULKHEAD WATERTIGHT SLIDING DOOR



Hydroster offers door system in compliance with the latest SOLAS regulations.

The main advantages are:

- compact design for fast installation on board
- simple and resistant construction
- failure free drive system with high redundancy level

Max dimensions:

- clear opening height x width 2200 x 1200mm
- standard width 600, 800, 1000, 1100, 1200 other for request

Max load:

- Max load up to 25m water or cargo / passenger vessels applications.
- For offshore applications up to 50m water load.

Drive:

- electro-hydraulic

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
- closing, opening, closing by accumulator energy (optionally)
- closing door by hand pump installed over bulkhead deck (optionally)

Time of closing the door by means of:

- power unit $20 \leq t \leq 40\text{sec}$
- hand pump $t \leq 90\text{sec}$

Signaling:

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

Class certificates:

- G.I, DNV, L.R, B.V, ABS, RINA, RMRS, others as per request.

Bulkhead door-typical scope of delivery:

- door unit painted epoxy primer
- hand pump with tank, and panel indicator lights for installation above bulkhead deck (optionally),
- control block
- mimic panel for installation on bridge
- spare parts
- documentation for shipyard in Auto Cad
- service manual
- class certificate

Optionally we offer:

- watertight door with low still,
- watertight doors A0 and /or A60 class
- watertight door with electric drive

Service

- hydraulic and electric installation on board, commissioning
- service engineer for start up

Ordering

In an order there should be given:

- type of ship (cargo or passenger)
- doors quantity
- height and width of door in the light of frame
- direction of closing by looking on the watertight door from side of door's

Slide

- maximal pressure of water column loading the door,
- supply voltage
- Classification Society



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