



# WEATHERTIGHT SINGLE-LEAF ALUMINIUM DOOR

## GENERAL PROVISIONS

Doors are constructed and made on the base of regulations and standards as below :

- Ships and marine technology – Weathertight single – leaf steel door acc.to ISO 6042 : 1998
- International standard – Ships and marine technology – single – leaf external door – clear opening acc.to DIN-ISO 3796-1996
- Ship tight door – clear opening acc.to BN – 78/3712 – 17
- Stream – tight, single – leaf steel door acc.to BN – 80/3712 – 17.01
- Heavy hinged doors for ships acc.to DIN 83100.

## APPROPRATION

The door is mainly suitable for mounting in aluminium bulkheads of ship.

## EXECUTION

Door – leaf construction ensures a full stiffness by pressing of flange.

There is used a central shutting of the door – leaf and the hinges with regulated gap on the door opposite side to the hinges.

The elements exposed to a friction (closures, pins, sleeves) are made of stainless steel. In case if the doors are made with window, the hardened glass thick. 12 mm is used.

## DELIVERY RANG

Delivery comprises a set with fittings acc. to specification as below.

## DIVISION, MARKING AND FINISHING

Varieties :

- L - left – hand door as shown on drawing
- R - right – hand door as reflected

Kinds :

- without window and porthole – no marked
- P - with porthole Ø 200

Kinds of door – frames :

- F - shape of door – frame – flat bar 70 x 8
- A - shape of door – frame – angle bar 75 x 50 x 7

Door – frame material :

- aluminium – no marked
- St - steel

Kind of the equipment acc. to detail X :

- 1 - without equipment
- 2 - closure for padlock
- 3 - bolt rim lock
- 4 - catch – bolt rim lock
- 5 - closure for padlock and bracket for lock
- 6 - closure for padlock and catch – bolt rim lock

Kind of door – leaf :

- non insulated – no marked
- W - insulated

Finishing :

- door – leaf and door – frame of aluminium - natural state – no marked
- steel door – frame – painted twice of epoxy primer of total thick. 40 µm – no marked
- Zn - hot galvanized door – frame of zinc thick. 25 µm

## EXAMPLE OF MARKING

Weathertight single-leaf aluminium door, size 1600 x 750 left – hand, with window, door – frame of steel flat bar, closure for padlock, catch – bolt lock, door – leaf non insulated .

**WEATHERTIGHT SINGLE-LEAF ALUMINIUM DOOR 1600 x 750 - L - O - F - St - 6** acc. to catalogue card **KK24-05/34-923/A**.

At the doors weights aren't included an additional equipment (lock, porthole).

This catalogue card corresponds with drawing no N24-05/34-923/A.