

# Botlekbrug



Rijkswaterstaat  
Ministerie van Infrastructuur en Waterstaat

## Spans

- ± 85 metres in length (fairway width) and 49 metres wide
- weight of 1 span is 5,000 tonnes
- 2 counterweights per span of 2,500 tonnes each
- lifting and lowering the span takes less than 2 minutes
- 32 cable wheels (3.7-metre diameter and a weight of 12 tonnes each) per span

## Western fairway

- no draught limitation
- if the bridge is not operated, passage is only possible for ships with a draught below 14m NAP

## Eastern fairway

- depth limitation of 8.2 metres max.
- ships with a draught over 7 metres can pass in consultation with the Harbour Coordinations Centre(HCC)
- if the bridge is not operated, passage is only possible for ships with a draught below 14m NAP
- depth depends on the water level



## Old bridge



- used between 1955-2017
- 2018 all traces of the old bridge removed, including under water
- total length 505 metres
- 1 span with a fairway width of 55 metres
- clearance height closed bridge metres and opened bridge 45 metres
- 50 bridge openings per day on average

## Specifications and layout new bridge

- double lift bridge (2 spans) with a total length of 1,200 metres
- 3 traffic streams: road, shipping lanes and railway
- clearance high: 14 metres when closed and 45 metres when opened
- 8 lifting towers of 65 metres in height (above the water)
- 2 roadways with 2 lanes for each direction
- railway connection for freight trains
- connection for cyclists and pedestrians in both directions
- 6000 openings per year on average, 20 per day