

NovoDock L150

Mechanical Drawbridge dock leveller –
fixed or laterally sliding

Product characteristics

- simple user friendly operation
- Loading bay installation
- 60 kN dynamic load bearing capacity
- complies with EN 1398 (latest version)



NovoDock L 150

Mechanical Drawbridge dock levellers are used on external and internal loading bays. They are suitable for small variances in height differences between the vehicle bed by using an operating rod. When not in use, it is securely attached to the Loading Bay. The bridge is guided into a profile fixed to the loading bay and, depending on the intended use, fixed or laterally sliding.

Structure

The NovoDock L 150 consists of the following units:

- a self-supporting framework
- platform on the front side of which a steel bearing, or optionally aluminium segments, are located
- a compression spring unit for compensation of the bridge weight
- an operating rod (from 2000 mm width with two operating rods)

Material

The framework construction is made of steel profiles and metal sheets. The beam-reinforced platform and the swing lip have an anti-slip surface made of tear plates.

Surface

All steel construction parts are painted in RAL 5010 (gentian blue), RAL 7016 (charcoal grey) or RAL 9005 (black). To ensure an optimal corrosion protection, all steel parts are first sandblasted and then coated with two-component paint that meets the VOC Decopaint standards.

Control and operation

The NovoDock L 150 is controlled via the operating rod included as standard. The compression spring unit compensates for the forces and counter-balances the weight of the bridge thus making operation easier.

Technical data

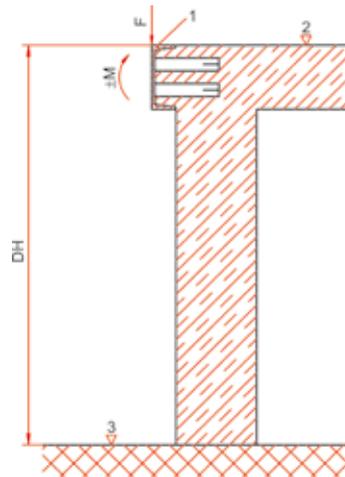
Nominal load according to EN 1398 60 kN
Platform widths 1500, 1750, 2000 mm

| Deck lengths (mm) | Operating Range (mm) | |
|-------------------|----------------------|------------|
| | Above Dock | Below Dock |
| 1500 | 225 | 295 |
| 1750 | 265 | 340 |
| 2000 | 310 | 390 |

The maximum incline permissible according to EN 1398 is 12.5 %.

Construction characteristics platform plate thickness 4/6 mm
Bearing tear plate 12/14 mm

Work needed in preparation for the installation



F Transverse force 84 kN
M Bending moment (kNm)
DH Ramp height

- 1 U 200 DIN 1026
- 2 Ramp upper edge
- 3 Yard level

| NL (mm) | max. bending moment M at the ramp upper edge (in kNm) | | |
|---------|---|---------|---------|
| | NW 1500 | NW 1750 | NW 2000 |
| 1500 | 8,3 | 9 | 10,1 |
| 1750 | 11,4 | 12,3 | 13,6 |
| 2000 | 14 | 16 | 17 |

Options / Accessories

- various profile designs for the holding of L 150
- bearing with aluminium segments
- hot-dipped design
- painting in RAL colours at customer's option

