

Edge of Dock

ASSA ABLOY DL6010SM-IN

ASSA ABLOY
Entrance Systems

Experience a safer
and more open world



Edge of Dock leveler for effortless manual operation

The DL6010SM-IN features a gas spring-assisted design specifically engineered for effortless, manual operation in facilities with minimal dock-to-truck height differences. The operator can smoothly lift the platform and extend the lip onto the truck bed with minimal physical exertion. Its unique free-floating position allows the leveler to move naturally with the vehicle's suspension, enhancing stability and reducing strain on both the equipment and the warehouse floor.

The DL6010SM-IN offers:

- **Gas Spring Assistance:** High-efficiency mechanism that enables quick deployment and retraction by a single operator.
- **Streamlined Workflow:** A simple pull of the control rod lifts the leveler and retracts the lip to return it to the parking position at ramp level.
- **Ready-to-Use Design:** Optimized for ramp installation, making it an ideal solution for upgrading existing docks without major construction.

DL6010SM-IN Series - Built for High-Traffic Reliability

The DL6010SM-IN is built to withstand rigorous daily use and heavy dynamic loads from moving forklifts. Its construction ensures long-term reliability even in high-traffic loading bays. The unit is finished in a high-quality RAL 9005 standard paint class, though other color options are available upon request to match specific facility branding.

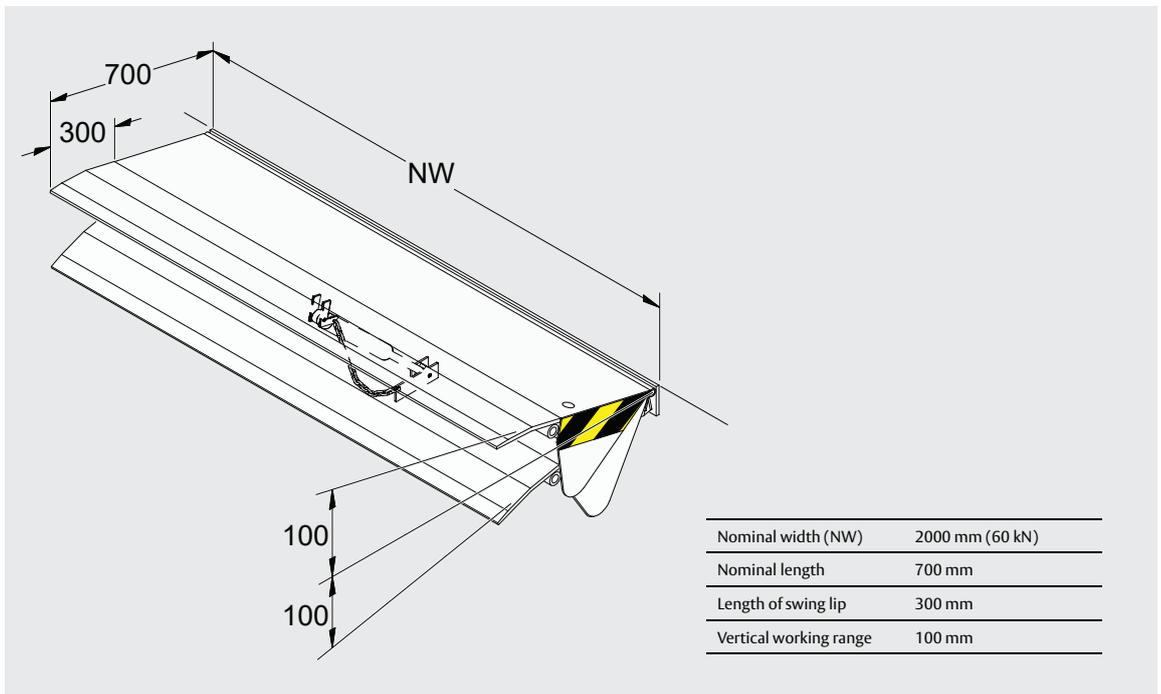
Compliance and Structural Integrity

The DL6010SM-IN is engineered to meet EN 1398 requirements, ensuring maximum safety for personnel and cargo: **Rated Load Capacity:** Supports a total load of 6 tonnes (60 kN), accounting for the weight of goods, forklifts, and the driver. **Pressure Distribution:** The axle load is distributed across two rectangular contact areas, ensuring structural stability under high-pressure maneuvers. **Integrated Buffers:** Standard inclusion of 100 mm x 250 mm x 400 mm buffers to protect both the dock and the vehicle from impact damage.

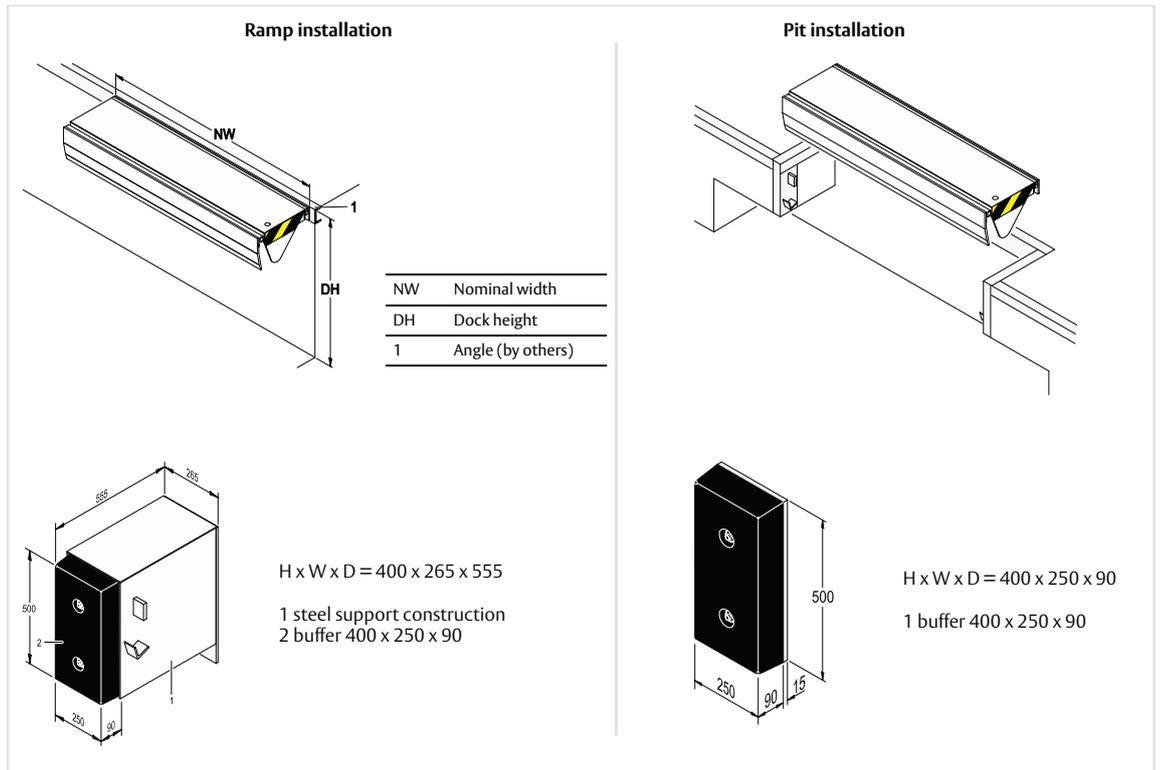
Technical Data

Nominal Length	700
Nominal Width	1800,2000
Vertical working range	up to 100mm
Rise above dock	down to 100mm
Fall below dock	
Platform tear-plate thickness	8mm
Lip thickness	10/11mm
Max. point load leveler platform	60kN (6 tonnes)
Lip material & length	E250, 300mm
Rubber buffers	450x200x100
European standard	EN1398

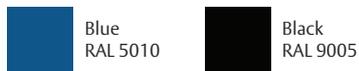
Dimensions



Installation modes / buffer options



Surface



ASSA ABLOY Entrance Systems

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Company Website