

DICTATOR Solutions for Sliding Doors

Even moving small sliding doors may implicate quite a lot of requirements:

- The sliding door should close automatically (sometimes only after a certain time), but an expensive door operator is not required as the door can manually be opened without effort.
- The sliding door moves so effortlessly that a slight push by hand is sufficient to make the door slam against the door frame. This may result in accidents, increased wear and tear of the door, noise and that the door does not stay either completely opened or closed.
- The door should completely disappear in a pocket of the wall, in order to have available the full width of the passage. But this way the door handle disappears as well and the door cannot be closed.

With DICTATOR products you can solve these problems. Combined in different ways the DICTATOR products allow for individual solutions that meet manifold requirements.

The products shown in this chapter are mainly designed for sliding doors up to about 1.50 m door width. For larger sliding doors DICTATOR offers similar solutions. They can be found in the chapter Door and Gate Operators.



Products

Closing mechanism	DICTAMAT 50 (adjustable closing speed) spring rope pulley (closing without speed control)
Mechanical timer	delays the beginning of the closing without current
Release buffer	pushes the completely opened door out of the wall pocket
Radial damper	controlled closing speed during the whole travel
Final damper	damping the movement shortly before the final positions
Door check	damping and controlled closing of the door



Damping Systems for Sliding Doors

The products for sliding doors mentioned on the previous page will be presented in detail on the following pages. Only exception are the damping solutions as they are dealt with earlier in this chapter or in the chapter Damping Engineering. Therefore, below you will find just a short overview of possible solutions and where you can find more detailed information.

There are different possibilities to slow down the movement of a sliding door. They either control the speed during the whole closing or they prevent banging in the open or closed position. Further possibilities offer the DICTATOR door checks, which also keep the door safely closed.

Radial Dampers

In case that the closing of the sliding door should be controlled **during the whole travel**, the LD 50 radial damper is the appropriate solution. The radial damper is integrated in the DICTAMAT 50 closing device, but it can also be installed separately. Information on the LD 50 and adapted accessories can be found beginning on page 02.074.00 and further details in the chapter Damping Engineering.



Final Dampers

In order to dampen the movement of sliding doors just before the **final positions** a final damper is the best solution. They are available in different sizes and types. For detailed information see the chapter Damping Engineering.



Door Checks



If the door should not only be **slowed down** but also **kept safely in the final position**, the DICTATOR door checks are the best choice. They contribute to **environmental protection** and **energy saving**. Often small sliding doors are moving that easily, that they are not slowed down in time, bang against the final position and reopen a little. Through this gap energy in form of heat or cold may get lost (e.g. with cold-stores). DICTATOR door checks not only close the door gently and smoothly, but also keep it firmly closed.

There are several models for different sizes of doors. Please see pages 02.003.00 and following. Due to its small size the JUNIOR door check is nearly invisible when being built into the door leaf. We will be happy to assist you in choosing the appropriate door check.