



DOOR DAMPERS

SLOW DOWN CLOSING DOORS,
PULL THEM SHUT QUIETLY AND RELIABLY
AND KEEP THEM CLOSED

PROBLEMS CAUSED BY SLAMMING DOORS

THE PROBLEM:

Many doors slam shut loudly, even if they have an overhead door closers.

Others do not close completely (even with a door closer) and can pose a safety risk.

Slamming doors can be found everywhere: in offices, hospitals, official buildings, hotels, residential complexes and apartment buildings, parking garages, etc.

This might have different reasons:

- Carelessly closed doors
- Drafts and wind
- Entrance doors with an overhead door closer to protect against unwelcome visitors
- Fire doors (e.g. in underground garages, basements, etc.) with spring hinges or door closers



THE SOLUTION:

DICTATOR door dampers put an end to annoying noise in a very simple but reliable way.

They catch slamming doors, pull them gently shut, and keep them securely closed.



DOOR DAMPERS - THE ORIGINAL FROM DICTATOR SINCE 1932

Door dampers put an end to slamming doors, pull them reliably shut, and keep them closed.



No more noise from slamming doors



Pull doors shut and keep them closed



No energy loss due to open doors



Prevent damage to doors and hardware



Highest quality from Dutch manufacture ensures long service life & perfect function

DOOR DAMPER FUNCTION



Door dampers are usually installed centered on the upper edge of the door. The hook sits above it on the door frame. When the door is opened, the hook automatically pushes the roller lever down, tensioning the built-in spring.



If the door is flung shut, the roller lever swings upwards when it reaches the hook, cushioning the motion of the door hydraulically in the process. The damping is progressive, which means that the doors are cushioned smoothly regardless of size and weight - even if they are thrown shut very quickly.



Finally, the door damper pulls the door completely shut and keeps it closed with the force of the spring.



Watch the video on www.dictator.com >
Door Closing Solutions > Door dampers > Function

AREAS OF APPLICATION

FRONT DOORS & ENTRANCE DOORS

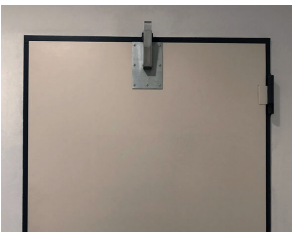
in private and public buildings



Front doors and entrance doors in apartment buildings often close with a loud bang, especially if they are fitted with an overhead door closer. Other doors, however, do not close completely and remain slightly open, which can be a safety hazard. Door dampers catch the door just before it closes and pull it shut quietly and securely. This way, they ensure safety and peace of mind for all residents.

FIRE DOORS

e. g. for airlocks in underground garages, basements or parking structures



Fire doors in underground parkings, garages or basements can slam very loudly. The reasons for this are the heavy weight, an incorrectly adjusted door closer or the different air pressure conditions within the fire airlocks. This leads to annoying noise levels for the residents. Another problem is that, if one of the fire doors of the airlock is closed, the other one may not close properly, which means that the fire seal is no longer there. These problems can be avoided by using a door damper for fire doors.

HOTELS AND HOSPITALITY

for entrance doors, interior doors and room doors



Restaurants, cafes, bars and hotels are places where guests should not be disturbed by loud slamming doors. Door dampers ensure that all doors always close quietly and reliably and guests can fully enjoy their stay.

COLD STORAGE ROOM DOORS

in food processing establishments with cold storage rooms



In many food industry companies such as restaurant kitchens, butcher shops or bakeries, cold storage room doors need to be opened and closed frequently. In a hurry, people often don't pay attention to whether the doors are completely closed, or they don't latch completely because of thick door seals. Door dampers ensure that doors close every time and remain closed. This way, they save users time, protect against energy waste, and ensure that food is always properly cooled.

MORE APPLICATION AREAS



From room doors to office doors in corporate buildings to heavy industrial doors and gates, door dampers can be used almost anywhere where there is enough space for installation.

FEATURES OF THE PRODUCT

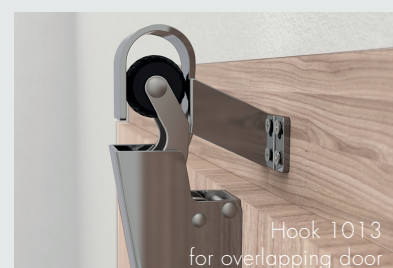
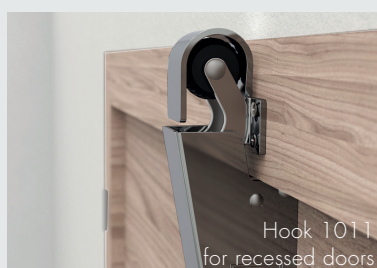
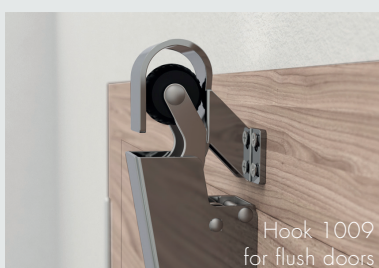
Thanks to different hooks (see below) suitable for almost any door

Typically installed centered on the top edge of the door. Some models also allow for other installation situations

Many different finishes: chromium plated, satin chrome, stainless steel, coated in RAL colors (depending on model)





Closing force between 20 and 115 N, depending on model and type

For door weights up to 200 kg, depending on application



OVERVIEW OF DOOR DAMPER MODELS

STANDARD MODELS FOR HINGED DOORS

	VS 2000 Sleek and robust 	V 1600 Versatile model with encased cylinder 	R 1400 For installation on the pull side of the door 	Z 1000 Affordable base model with exposed cylinder 
Door side for installation of door damper	push side	push side	pull side	push side
Position of door in relation to the frame	overlapping & flush doors	overlapping, flush & recessed doors	overlapping, flush & recessed doors	overlapping, flush & recessed doors
Door damper design	fully encased	encased cylinder	encased cylinder	exposed cylinder
Installation position of door damper	vertical, horizontal (20 N, 35 N, 50 N)	vertical, horizontal (with special cylinder)	vertical, horizontal (20 N, 35 N, 50 N, 80 N)	vertical
Closing force (in N)	20, 35, 50, 80, 115	20, 50, 80, 115	20, 35, 50, 80	20, 50, 80
Finish	chromium plated, satin chrome, RAL 9006, RAL 9005, RAL 9010, RAL 8017	chromium plated, satin chrome, stainless steel, RAL 9006, RAL 9005, RAL 9010, RAL 8017	chromium plated, satin chrome, stainless steel, RAL 9006, RAL 9005, RAL 9010, RAL 8017	zinc-plated, nickel-plated
	For large quantities, different colors are also available upon request			










SPECIAL MODELS FOR HINGED DOORS

Additional models are also available for use on special doors, such as fire doors, very heavy doors or doors in furniture.

MODELS FOR SLIDING DOORS

With the help of mounting brackets, we also offer models for sliding doors.

FINISH

	Chromium plated		Satin chrome		Stainless steel		Zinc-plated		Nickel-plated
	RAL 9006 White aluminum		RAL 9005 Jet black		RAL 9010 Pure white		RAL 8017 Chocolate brown		

You can find more information about the different models on www.dictator.com > Door Closing Solutions > Door dampers





APPLICATIONS

DOOR DAMPER VS 2000 WITH 35 N SPRING DAMPENS ALSO WHEN INSTALLED HORIZONTALLY

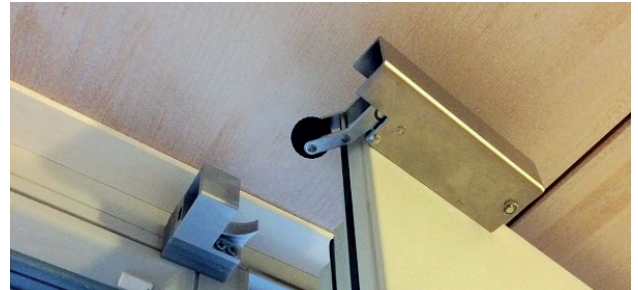
No space above the door for the hook? Or door with a large glass panel, so that the door damper can not be installed vertically?

Even for this there's a solution! The door damper VS 2000 can also be installed horizontally as standard. The easiest option is to install it directly on the closing edge. However, this would increase the force required to open the door with the same spring force. This is why, up to now, the 20N spring was used.

What to do if 20 N is not enough?

Doors are now better insulated, which makes them heavier, as they are often fitted with triple seals. The 20 N spring is therefore too weak in many cases.

DICTATOR supplies the door damper VS 2000 with a 35 N spring especially for these cases. It closes the door flawlessly, prevents it from slamming shut, and allows it to be opened without difficulty and without too much force.



DICTATOR DOOR DAMPERS PREVENT INCORRECT READINGS OF HIGH-PRECISION MEASURING INSTRUMENTS

Door dampers suppress vibrations and prevent the doors of the lab from slamming shut

In the past, this laboratory used to be subject to vibrations and air pressure fluctuations caused by slamming doors, which caused problems to their highly sensitive measuring systems.

The solution was quite simple:

DICTATOR supplied and installed two V 1600F door dampers on the fire doors in compliance with all relevant regulations. After installing the door dampers, the doors now close smoothly and quietly, making fluctuations in air pressure, vibrations and loud noises a thing of the past.



You can find more application examples under
www.dictator.com > References > Door Closing Solutions

DOOR DAMPERS FOR FIRE DOOR

SAFELY CLOSED FIRE DOORS

Fire doors often do not close correctly, even if they are fitted with an overhead door closer. A typical example: a fire airlock in which two fire doors are near each other.

If the first door opens and closes while the second door is closed, it often creates an air cushion that can prevent it from closing completely. On the other hand, if the second door is open, the first door often slams shut very loudly.

Many manufacturers of fire and smoke doors have already included the DICTATOR door damper as an addition to the spring hinges or overhead door closer in their door approval or manufacturer's statement. DICTATOR door dampers pull the door safely shut, so that there are no fire door remains open. Additionally, it also prevents the door from slamming loudly.



DOOR DAMPER V 1600 / V 1600F FOR FIRE DOORS

The door damper V 1600F with fixed closing speed and stronger spring, as well as the V 1600 with 50 N, are approved by the German construction authorities for use on fire and smoke doors.

Depending on your country's regulations, it may be possible that the door damper can only be used on certain fire and smoke doors for which there is an existing approval that allows its installation. Please, check whether the installation of the door damper is possible on your particular door.

Additionally, it is sometimes necessary to use mounting plates on many fire and smoke doors for the installation of the door damper and the hook. Please check which mounting plates you need for your particular door.

Should you have any questions, we'll be happy to help!

DICTATOR SERVICE

DICTATOR has a wide range of door damper models that allow for many different applications. The installation position and spring force must be selected individually, depending on door setting so that the door can still be easily handled by all users.

However, you do not have to determine the installation position and spring force on your own. To ensure that you get the perfect model for your application, our technical customer service will be happy to assist you in selecting the right door damper – of course free of charge.



Individual advice

A key service always included with our products



Many years of experience

in developing solutions for doors and gates



Custom solutions are our "standard"

Individual & complex system solutions, no matter whether for small or large projects



As partner by your side

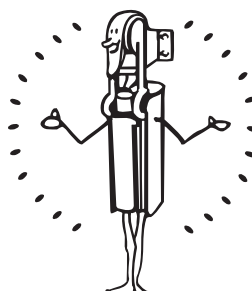
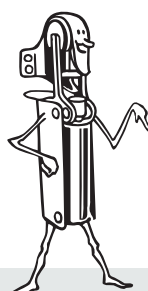
We support you from initial planning to post-purchase

THE NAME "DICTATOR"

We are often asked how we came up with the, admittedly somewhat unusual, name DICTATOR. The name has its roots in the invention of our first product:

A German and a Dutchman invented a "hydraulic shock absorber and door closer" in 1930. This special type of door closer dampens the door shortly before it closes, quietly pulls it shut and keeps it closed.

Its inventors called this product 'dictator', because it dictates the door how to close.



DICTATOR – The Driving Force in Motion Control

ABOUT DICTATOR

DICTATOR is a worldwide group with its main focus of operation in Europe. The headquarters is located in Neusäß near Augsburg. Our products are manufactured in our own production facilities in Europe. This ensures the highest quality and allows us to provide custom solutions for every customer requirement at short notice.

OUR HEADQUARTERS

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86356 Neusäß
Germany

PRODUCT RANGE

- Lifts & Lift Equipment
- Door Closing Solutions
- Hydraulic Dampers
- Door & Gate Operators
- Fire Door Operators
- Fire Door Control Solutions
- Gas Springs
- Door Interlock Systems



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