

DOOR CLOSING SOLUTIONS

**DICTATOR**



## **DICTAMAT 50**

SLIDING DOOR CLOSER WITHOUT ELECTRICITY  
ALSO PERFECT FOR RETROFITTING



## SELF-CLOSING SLIDING DOORS

### REQUIREMENTS:

Sliding doors are an increasingly important part of modern architecture, as they are a space-saving and also very good solution from the point of view of accessibility.

But what do you do if the sliding doors should close by themselves, as hinged doors with an overhead door closer usually do? And, if possible, with a sustainable, environmentally friendly solution without electricity?

Or if you need to retrofit a solution in existing sliding doors?



### THE SOLUTION:

The **DICTAMAT 50** is a modular, flexible & powerless closing system for small and medium sized sliding doors with a closing force of up to 100 N. It can be attached to a wide variety of rail systems and has an adjustable closing speed.

## SLIDING DOOR CLOSER DICTAMAT 50

**DICTAMAT 50 combines a spring rope pulley and a patented LD lamellar radial damper. Together they ensure reliable closing of sliding doors - with controlled closing speed.**

If necessary, the DICTAMAT 50 can also be fitted with a Mechanical Timer so that the door only closes after a preset time, thus enabling the user to go through the door without rushing.



For various rail systems  
- also for retrofitting



Adjustable closing speed according  
to your needs



Closing force up to 100 N



For travel up to 4 m



Powerless & sustainable  
closing solution



Successful tests according to  
various fire protection standards  
allows inclusion in approval of  
sliding fire doors



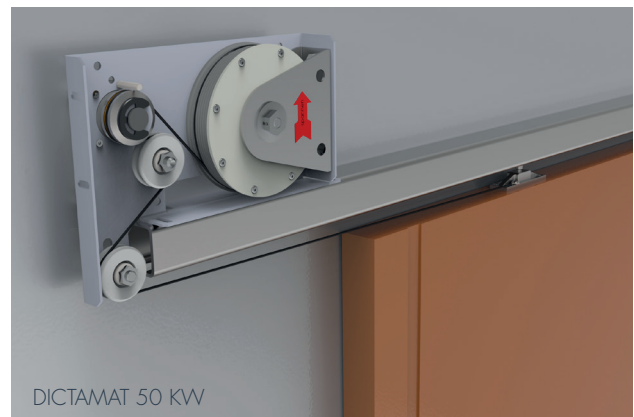
## TWO SYSTEMS FOR MULTIPLE APPLICATIONS

### DICTAMAT 50 BK – MODULAR SYSTEM



As a modular system, the flexible combination of different components allows a wide range of applications. It can thus be perfectly adapted to a wide variety of installation and spatial conditions. The system functions with total reliability, even under the most demanding operating conditions. Successful tests in accordance with standards relevant to fire protection make it possible to include the system in approvals for sliding fire doors.

### DICTAMAT 50 KP/KW – COMPACT UNITS



Here, all components are pre-assembled in a compact, easy-to-install unit on a mounting plate or a mounting bracket. The system is particularly suitable for areas with instructed users, as manual intervention during the closing process (e.g. if someone pushes the door shut manually) can lead to slack rope formation.

Depending on its location, the entire DICTAMAT 50 may be covered by a screen provided by the customer.

### CUSTOM SOLUTIONS WITH DICTAMAT 50

The DICTAMAT 50 product range also allows for countless special solutions for specific applications. Contact us for a free consultation.



## AREAS OF APPLICATION

### HOSPITALS



Surgery rooms, emergency rooms, treatment rooms, and many other areas in hospitals are equipped with sliding doors. These doors should always close on their own - in some cases with a time delay - to make the work of the staff easier and save time. The DICTAMAT 50 works mechanically, needs no electricity, and annual, cost-intensive inspections of electrical equipment aren't necessary. The door is always ready for use - even with high actuation frequency.

### PLANT CONSTRUCTION



More and more machines are equipped with sound-proof enclosures to reduce the level of noise. Access to the machine usually takes place through sliding doors in the enclosure. In order for the machine to operate, the access doors must always be securely closed and a safety contact established.

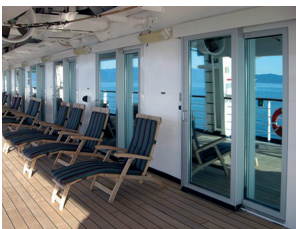
The DICTAMAT 50 always closes the doors safely and smoothly, at a controlled speed. This also prevents the door from hitting the door contact in the closed position and damaging it.

### SERVER ROOMS AND COLD AISLE CONTAINMENT



Servers are needed for smooth data processing nowadays. And these require appropriate cooling, otherwise they overheat. However, air conditioning systems consume a lot of energy. To prevent valuable energy from escaping through open doors, the sliding access doors of server rooms or cold aisle containment systems are often equipped with the DICTAMAT 50. These doors are securely closed automatically and no energy is wasted.

### TRANSPORTATION: TRAINS & SHIPS



Sliding doors in trains or on high seas do not always run exactly horizontally, as trains lean in curves and ships are exposed to the motion of the sea. Nevertheless, the doors should always close smoothly and safely - also taking into account the protection of people. The DICTAMAT 50 BK with revolving rope achieves this without a problem.

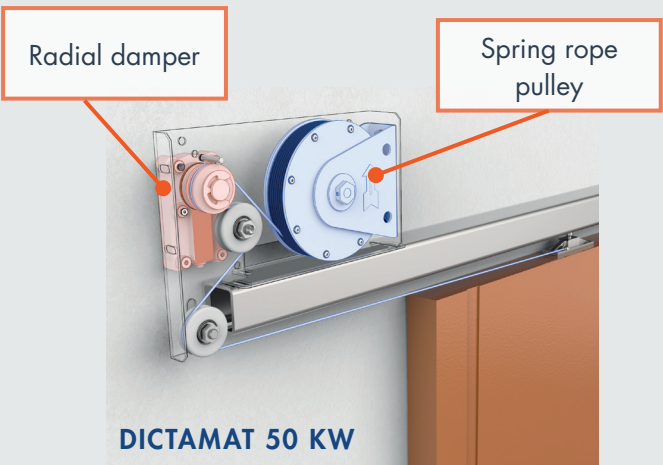
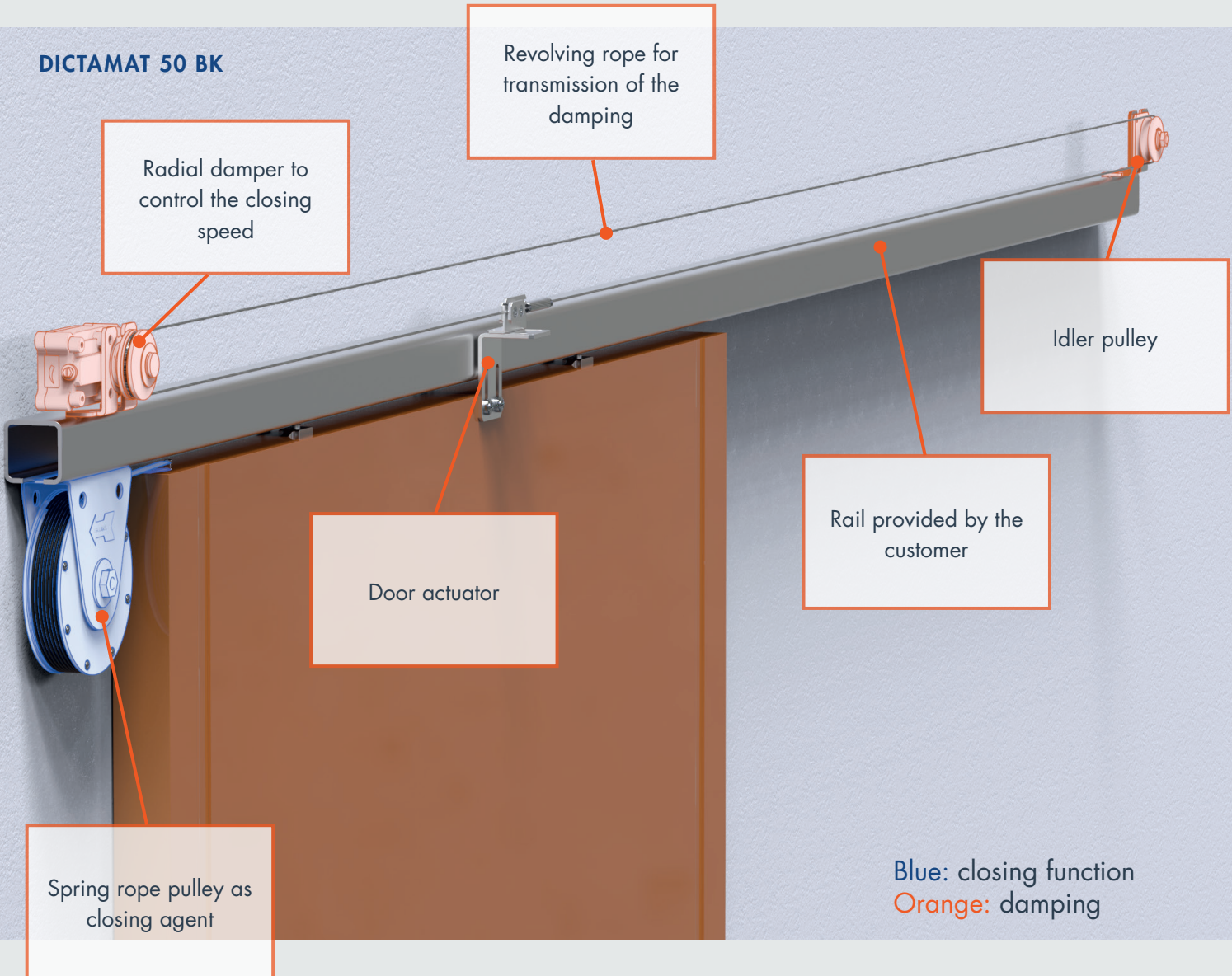
For installation on ships, all steel parts of the DICTAMAT 50 can also be made of stainless steel.

### OTHER AREAS OF APPLICATION



But the DICTAMAT 50 can do much more. It is an inexpensive, eco-friendly alternative to a cost-intensive sliding door drive. It can also be used to move revolving doors, and even folding doors. Or it can also open sliding doors. Its possibilities are enormous - and we will of course support you in the realization of your projects.

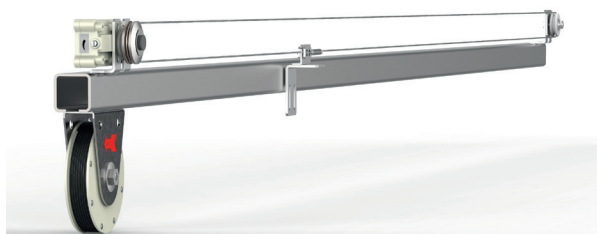
# FUNCTIONAL PRINCIPLE





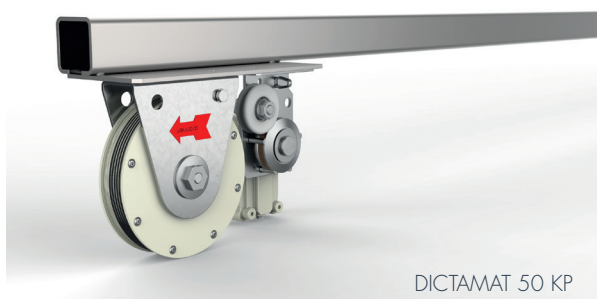
## FEATURES OF THE PRODUCT

### DICTAMAT 50 BK – MODULAR SYSTEM

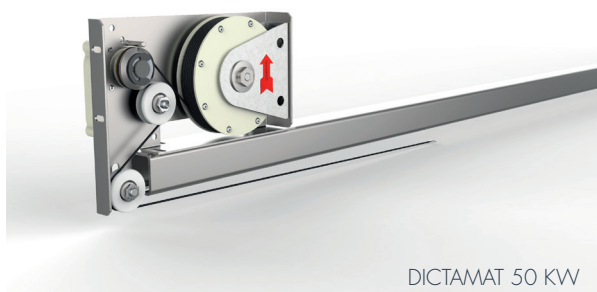


- ✓ The transmission of the closing force as well as the continuous control of the closing speed are performed by a revolving steel cable
- ✓ Ideal solution for high traffic doors with multiple users, such as in trains, ships, etc.
- ✓ Due to its modular design, it is perfect for tight spaces, as the individual components are flexible in their installation
- ✓ Also for double-leaf sliding doors with synchronized door leaves
- ✓ Available in ready-to-use sets or with individually arranged components
- ✓ Models available in stainless materials

### DICTAMAT 50 KP/KW – COMPACT UNITS



- ✓ All components are pre-assembled in a compact, easy-to-install set on a mounting plate or mounting bracket
- ✓ Intended for areas with instructed users, as manual intervention during closing may result in slack rope formation
- ✓ Available in two models: KP (with mounting plate, for mounting below the rail) and KW (with mounting bracket, for mounting above the rail)
- ✓ When making your selection, please note that for the KP, you will need a different version for right- and left-closing doors.



You can find more information about the different models on [www.dictator.com](http://www.dictator.com) > Door closing solutions > Sliding door closers > DICTAMAT 50



## APPLICATIONS

### SLIDING DOOR CLOSER AS INEXPENSIVE ALTERNATIVE TO SLIDING DOOR OPERATOR

**The sliding door closer DICTAMAT 50 always closes the access doors to this bakery immediately and reliably—and without electricity**

For hygiene reasons, the access doors to the bakery cannot remain open. In the past, fully automatic sliding door operators were used, but their service life came to an end and spare parts were no longer available. A complete refurbishing would have been very expensive, not to mention the high electricity and maintenance costs.

#### **An eco-friendly and reliable alternative**

They specifically looked for a door closer without electricity and they found what they were looking for at DICTATOR.

The sliding door closer DICTAMAT 50 BK is extremely flexible due to its modular principle, and can be adapted to the existing conditions on site easily. The entire rail and door construction could therefore remain unchanged.



### CLOSING SYSTEM FOR SLIDING DOORS CUTS ENERGY COSTS

**The DICTAMAT 50 with an additional Mechanical Timer puts an end to partially open sliding doors**

In cold aisle containments, all servers are permanently cooled. Sliding doors are often installed at the entrance, which, when controlled manually, remain partially open again and again. This causes cold air to escape and warm air to get in. Now this warm air has to be cooled down too. This is an irresponsible waste of energy.

This is where the DICTAMAT 50 with an additional Mechanical Timer comes to the rescue! With individually set hold-open time and closing speed, the doors always close reliably by themselves.



For more application examples, see > [www.dictator.com](http://www.dictator.com) >  
References > Door closing solutions > Door closers for sliding doors



## SELF-CLOSING SLIDING DOORS ON CRUISE SHIP

### The DICTAMAT 50 ensures closed sliding doors for Holland-America-Line cruise ships

A cruise is a dream for many. For DICTATOR's DICTAMAT 50, this has become reality. It smoothly and reliably closes the sliding doors on luxury cabins that provide access to a boardwalk deck.

The solution (sliding door, rail system and DICTAMAT 50) was worked out down to the last detail in cooperation with the door manufacturer. This also included the development of special supports, etc. Because DICTATOR not only supplies the product, but also actively supports the customer, from planning to execution.



## SLIDING DOOR CLOSER DICTAMAT 50 ALSO USED IN HOSPITALS

Sliding doors are often used in hospitals because they provide wide passage openings in a space-saving way without blocking aisles, like in the case of hinged doors.

Operator-driven solutions are not always ideal, since they require a significantly higher investment for purchase and installation, and also lead to higher costs in daily operation.

Alternatively, sliding doors equipped with the DICTAMAT 50 can be opened manually without any trouble. They also close automatically after, both smoothly and quietly—and completely mechanically, without electricity!

If the DICTAMAT 50 is used together with the DICTATOR Mechanical Timer, the sliding door remains open for up to approx. 25 seconds before it closes. This way, a bed can easily be pushed through the door without having to hold it open by hand, for example.









## DICTATOR SERVICE

A major advantage of the DICTAMAT 50 is that its components can be flexibly combined with each other. This means that it can be adapted to a wide variety of different installation situations.

To ensure that you get the perfect product for your application, we will be happy to determine the right configuration and installation situation for you, naturally 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 and complex system solutions, no matter whether for small or large projects



### As partner by your side

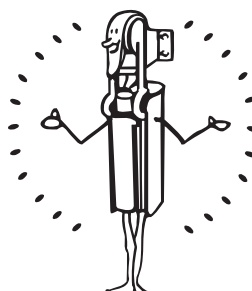
We support you from initial planning to post-purchase

## 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 closing, 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.

### HEADQUARTERS

DICTATOR Technik GmbH  
Gutenbergstraße 9  
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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