SELF-CLOSING DEVICE
SERIES RETRO 2

▶ PRODUCT SPECIFICATIONS

This closing unit combines reliability with endurance. In addition, it can be used for numerous specific applications. All common drawers and sliding doors can be expanded easily by adding this damping.

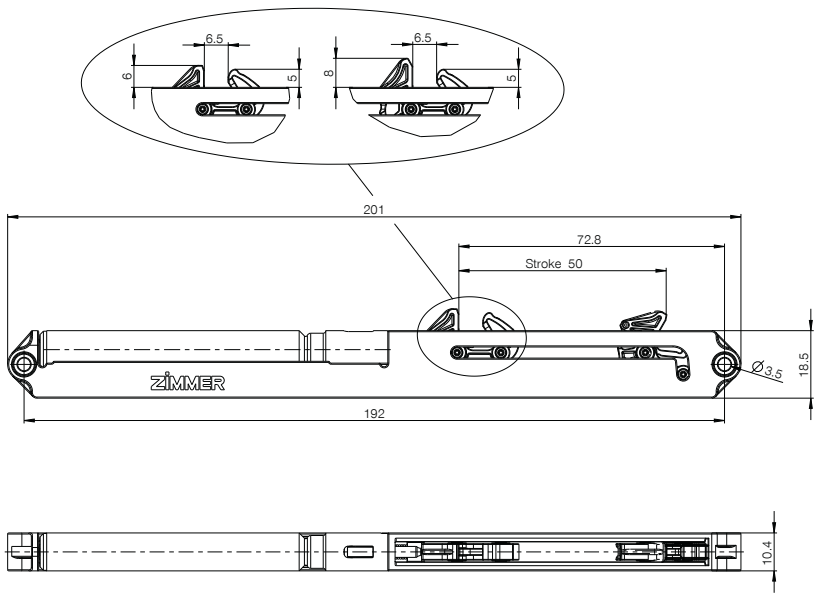
▶ APPLICATION AREAS

Door	
Sliding door	●
Drawer	●
Hinge	

▶ SERIES CHARACTERISTICS

Series	Stroke [mm]	Medium	Operating direction
Retro 2	50.0	Air	Inward closing

▶ TECHNICAL DRAWING



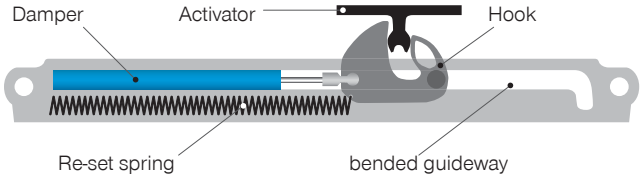
▶ TECHNICAL DATA

Order no.	E050-10-003	E050-10-025
Mass to be braked [kg]	25.0	25.0
Operating direction	Inward closing	Inward closing
Free-run	Yes	Yes
Free-run length [mm]	10.0	10.0
Technology	Friction	Friction
Total length max. [mm]	201.0	201.0
SCU housing color	Gray RAL7035	Gray RAL7035
SCU locking lever color	Gray RAL7042	Gray RAL7042
SCU Ø drilled holes [mm]	3.5	3.5
SCU width [mm]	10.4	10.4
SCU height [mm]	18.5	18.5
SCU locking lever design	Type A	Type S

CLOSING UNITS
SELF-CLOSING DEVICES

PRINCIPLE OF FUNCTION

A automatic self-closing unit will be assembled at the cabinet for example whereas the activator is assembled at the drawer itself.
The activator will be linked within the hook thus enabling the transfer of the force. The self-closing unit could however also be assembled at the drawer and the activator at the cabinet.



TYPES

closing inwards

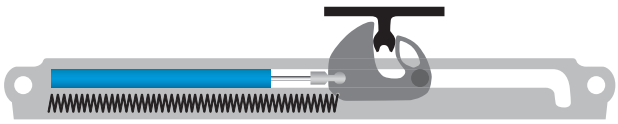
closing outwards

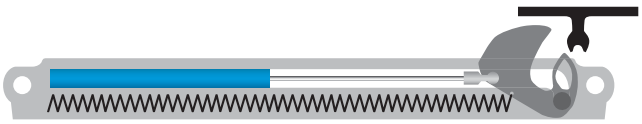
double acting

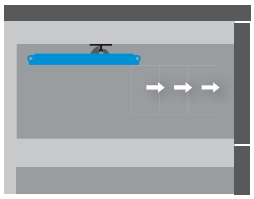
CLOSING INWARDS SELF-CLOSING UNITS

At the closed drawer-position the activator is linked within the hook. During opening the hook will be pulled in right direction and the re-set spring will be stretched. The hook will be guided by means of two pins inside the bended guideway.

After a certain opening-movement the hook is fitting in the offset-position, this disconnecting the hook and the activator. The drawer can be opened without any further effort.
At the closing of the drawer, the hook will be activated of the activator. The return spring pulls the drawer in end posittion while damping.

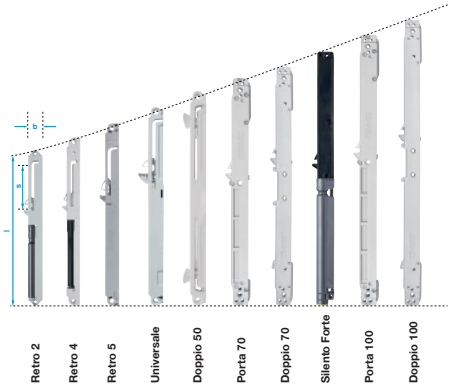






PRODUCT RANGE SELF-CLOSING (CLOSING INWARDS / DOUBLE ACTING)

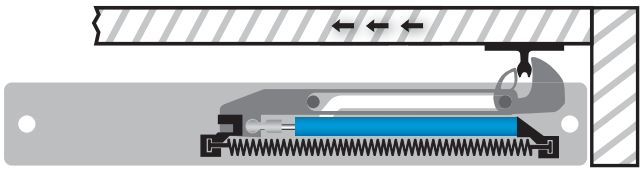
- Housing length (l): 200 bis 385 mm
- Housing bright (b): 18 bis 25 mm
- Housing depth (t): 10,4 bis 18 mm
- Stroke (s): 50 bis 100 mm



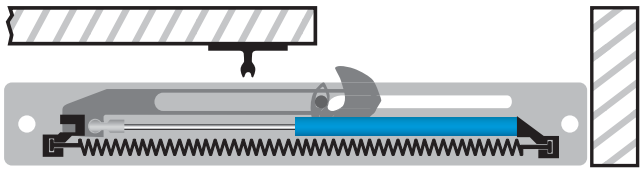
CLOSING OUTWARDS SELF-CLOSING UNITS

If there might not be sufficient space available for to assemble the activator, an outwards working self-closing unit can be used.

This system has a separate spacer which deflects the force so that the damper works on pressure.



Door closed

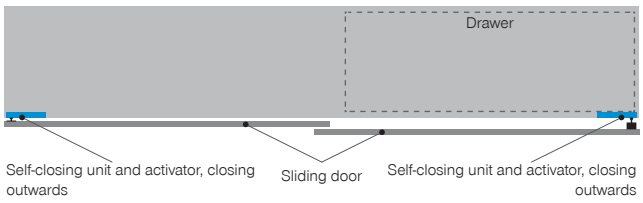


Door opend

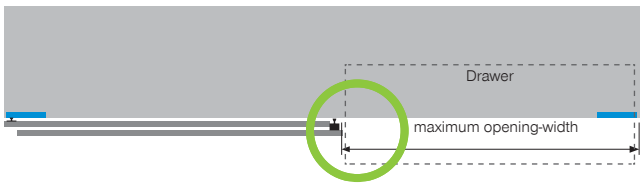
ASSEMBLY OF THE SELF-CLOSING UNITS

The above example is showing a wardrobe with two sliding-doors. The activators have to be assembled onto the sliding doors as near to the side-wall as possible in order to prevent collission with the second door resp. the cabinet.

Use an outward closing unit.



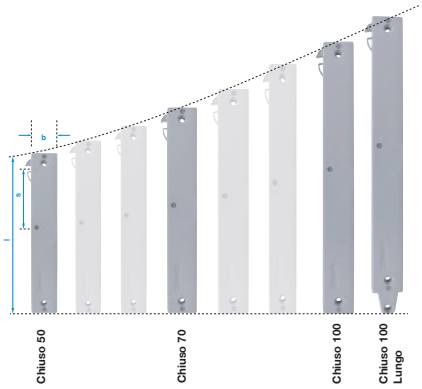
Wardrobe, closed



Wardrobe, open

PRODUCT RANGE SELF-CLOSING (CLOSING INWARDS / DOUBLE ACTING)

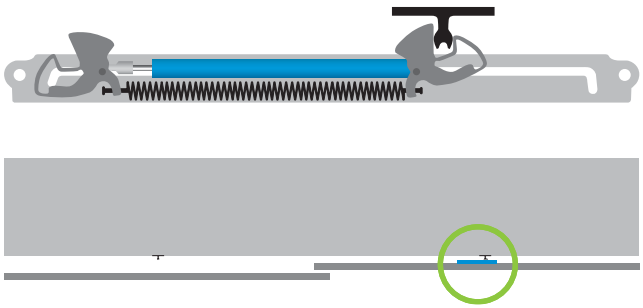
Housing length (l): 200 bis 385 mm
Housing bright (b): 18 bis 25 mm
Housing depth (t): 10,4 bis 18 mm
Stroke (s): 50 bis 100 mm



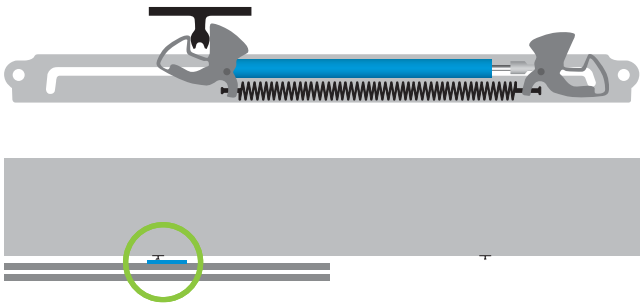
DOUBLE ACTING SELF-CLOSING UNITS

In order to dampen sliding doors within both directions double acting self closing units will be used.

The activator will be assembled at the cabinet; the self closing units on top of the sliding door.



Sliding-door, damping to the right side



Sliding-door, damping to the left side