ea**ZI**®*silent* DOPPIO 50

Oil damper units | Closing on both sides

ORIGIN: RHEINAU, GERMANY
TYPE: EA**ZI**®*SILENT*
SERIES: DOPPIO 50
MEDIUM: FLUID
STROKE: 50 MM
WEIGHT CLASS: 30 KG
LENGTH: 237 MM
ART.-NO.: E050-08-381

The SOFT CLOSE unit ea**ZI**®*silent* DOPPIO 50 is the ideal solution if you want to close your sliding doors and drawers gently. Thanks to its compact design and versatility, it fits perfectly into a wide range of applications and ensures a long service life and improved ease of use for your furniture.

Advantages:

- **Compact dimensions:** ea**ZI**®*silent* DOPPIO 50 is perfect for use in tight installation spaces as the unit has a very compact design.
- **Versatile use:** The unit is ideal for installation in sliding doors and drawers.
- **High-quality damping:** The built-in fluid damper ensures even and gentle damping of the closing movement.
- **Easy retrofitting:** ea**ZI**®*silent* DOPPIO 50 can be easily integrated into existing systems.
- **Flexible tuning:** Thanks to the innovative Smooth Comfort M technology, this product covers a wide weight range. Further information can be found in the “Diagrams” tab.

How it works:

When a door or drawer is opened, the SOFT CLOSE unit ea**ZI**®*silent* DOPPIO 50 is tensioned. The movement of the door or drawer is gently slowed down by the fluid damper. The integrated spring then pulls the door or drawer fully into the end position, ensuring a smooth and quiet closing process.

With the SOFT CLOSE unit ea**ZI**®*silent* DOPPIO 50, you improve the functionality and ease of use of your furniture: the service life is also significantly increased by using SOFT CLOSE mechanisms.

Sustainability on the road too

A considerable proportion of the vehicles in our company fleet are already electric cars. The corresponding charging facilities are available on the company premises. A large proportion of the electricity required for charging is generated by our own solar panels.

TECHNICAL DATA

Technology:	Smooth Comfort M
Field of application:	10-40 °C
Stroke:	50 mm
Weight class:	30 kg
Direction of action:	inside on both sides
Freerun:	no
Hook type:	Type S
Spring force F1:	11 N
Spring force F2:	17.8 N
Length:	237 mm
Width:	12.2 mm
Height:	25.9 mm
Drilling spacing:	224 mm
Drilling version 1:	Cross bore
Drilling version 2:	with reduction
Fixing screw Ø:	4 mm
Housing construction:	One-piece

MATERIAL

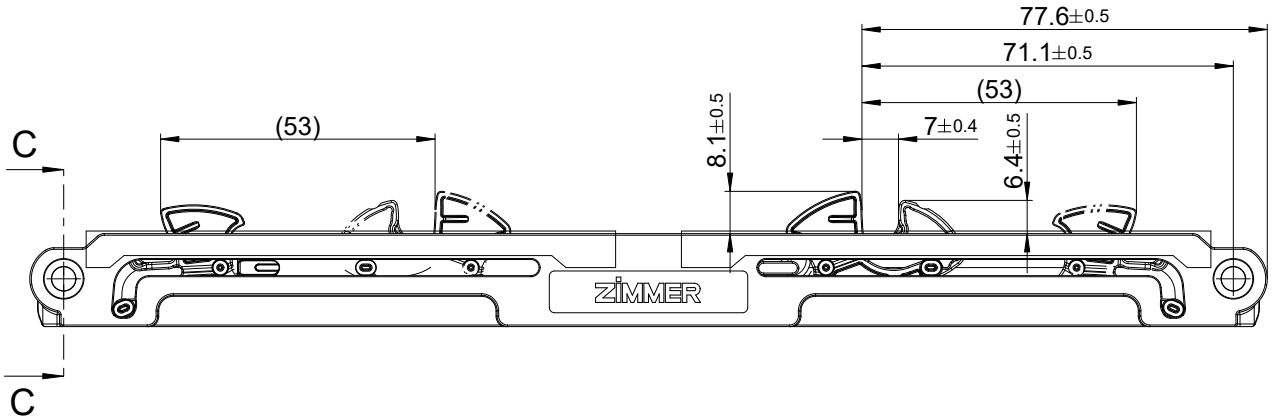
Hook color:	nature
Hook material:	Polyketones
Spring material:	EN 10270
Housing color:	grey RAL7035
Housing material:	POMGF25

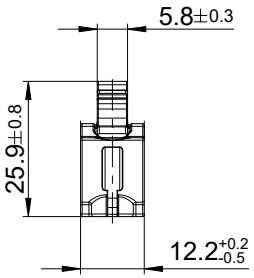
TEST METHOD

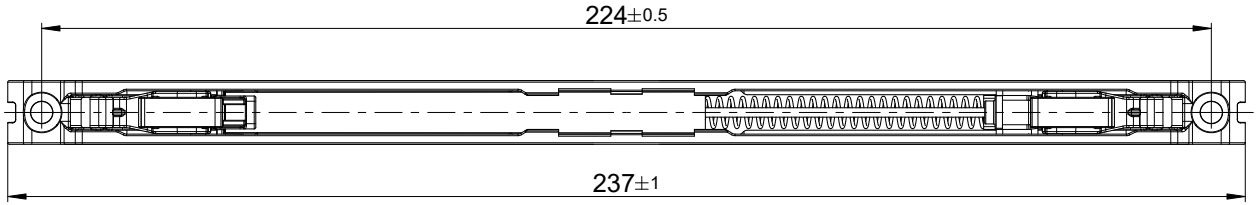
Lifetime :	100,000 Cycles
Standard 1:	DIN EN 15706
Standard 2:	DIN EN 1527
Overload test:	10 x 1 m/s
Endurance test:	100.000 Zyklen 0,25m/s

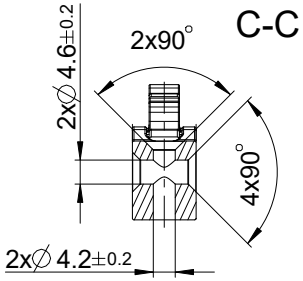
GENERAL DATA

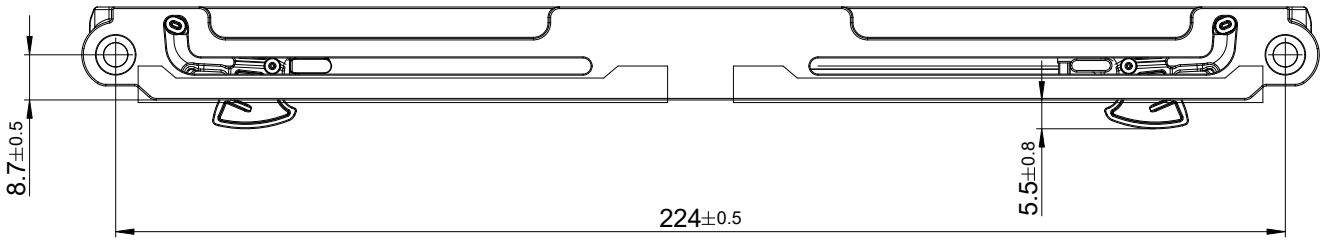
Logo:	Zimmer
Area of application 1:	Sliding door
Carton, PU:	150 Piece
Cardboard, weight:	6.8 kg
Cardboard, width:	375 mm
Cardboard, length:	245 mm
Cardboard, height:	136 mm
Pallet 1 Quantity:	8,100 Piece
Pallet 1 Weight:	380 kg
Pallet 1 height:	1,100 mm











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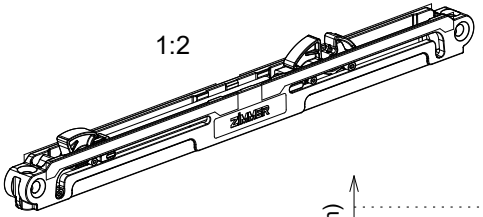
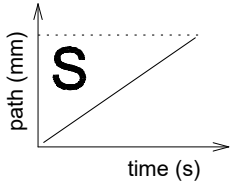
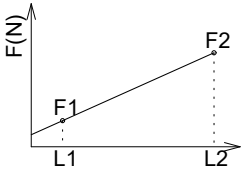


spring value without friction!





L1= 115mm
L2= 160mm
F1= 11±1N
F2= 17.8±1N

Operating conditions: +10° C to +40° C
Storage conditions: -20° C to +80° C
Do not use as end stop.

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Kanten nach/Edges according to ISO 13715

projection

Ind.	Aenderung/modification	Datum	Name
-			-

Allgemeintoleranzen/ standard tolerances ISO 2768:1989 T1-m/T2-K

	Datum/date	Name/name
name	20.09.23	aschwab
checked	22.09.23	jzachmann
norm.		
dev.	-	

Zimmer GmbH Daempfungssysteme

Masstab scale	1:1	Oberfl. surface	35906mm²	Gewicht weight	0.0452kg
Werkstoff material	-	WerkstNr. mat no.	-	Volumen volume	25375mm³
Halbzeug dimension		Rohteilnr. part no.		Sparte class	SEZFL8

Benennung/name

eaZIsilent
Silento Doppio
Smooth Comfort M

Zeichnungsnummer/drawing number

E050-08-381_-

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