



GEIGER RESCUE-J

Product Datasheet



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RESCUE-J - GEIGER HELPS YOU IMPLEMENT FIRE SAFETY

Sun protection and emergency exit

The § 33 Musterbauverordnung (MBO) - German standard building regulations - requires the existence, for each floor, of at least two independent emergency exits.

One of them must comply with the regulations defining the first emergency exit.



The first emergency exit enables people to quickly leave a danger zone. It leads either directly into the open air or into a secured area, such as corridors, stairs and exits.



Unlike the first emergency exit that is strictly regulated and clearly defined, the second emergency exit can be interpreted

in different ways and faces countless solutions. Until now, uniform regulations have not been applied throughout the country.

For sun protection manufacturers, architects and planners, this represents a huge challenge in terms of design and implementation and might lead to conflicts, especially if the fire safety requirements for the second emergency exit are not respected. Furthermore, aesthetic aspects, historic preservation regulations, constructive environment and, last but not least, costs have to be reconciled in a constructive dialogue.

Modular design - Drive and gear with system!

The sophisticated design of the RESCUE-J can be easily integrated into all commercially available top rails. All com-

ponents are dimensionally designed in such a way that only the crank handle has to be installed inside the building.

- ▶ **Space-saving:** Thanks to its modular design, the system can be integrated into all top rails.
- ▶ **Flexible:** The RESCUE-J is available for external Venetian blinds with 14 mm grooved tube or 12 mm square tube turning bars.
- ▶ **Maintenance-free:** Motor, freewheel and gearbox require no maintenance. However, we recommend an annual check of the mechanical components by means of a test operation.
- ▶ **Customer-oriented:** In an emergency, the external Venetian blind can be opened easily and quickly. The gear reduction 2:1 makes operation very easy.

MADE BY GEIGER

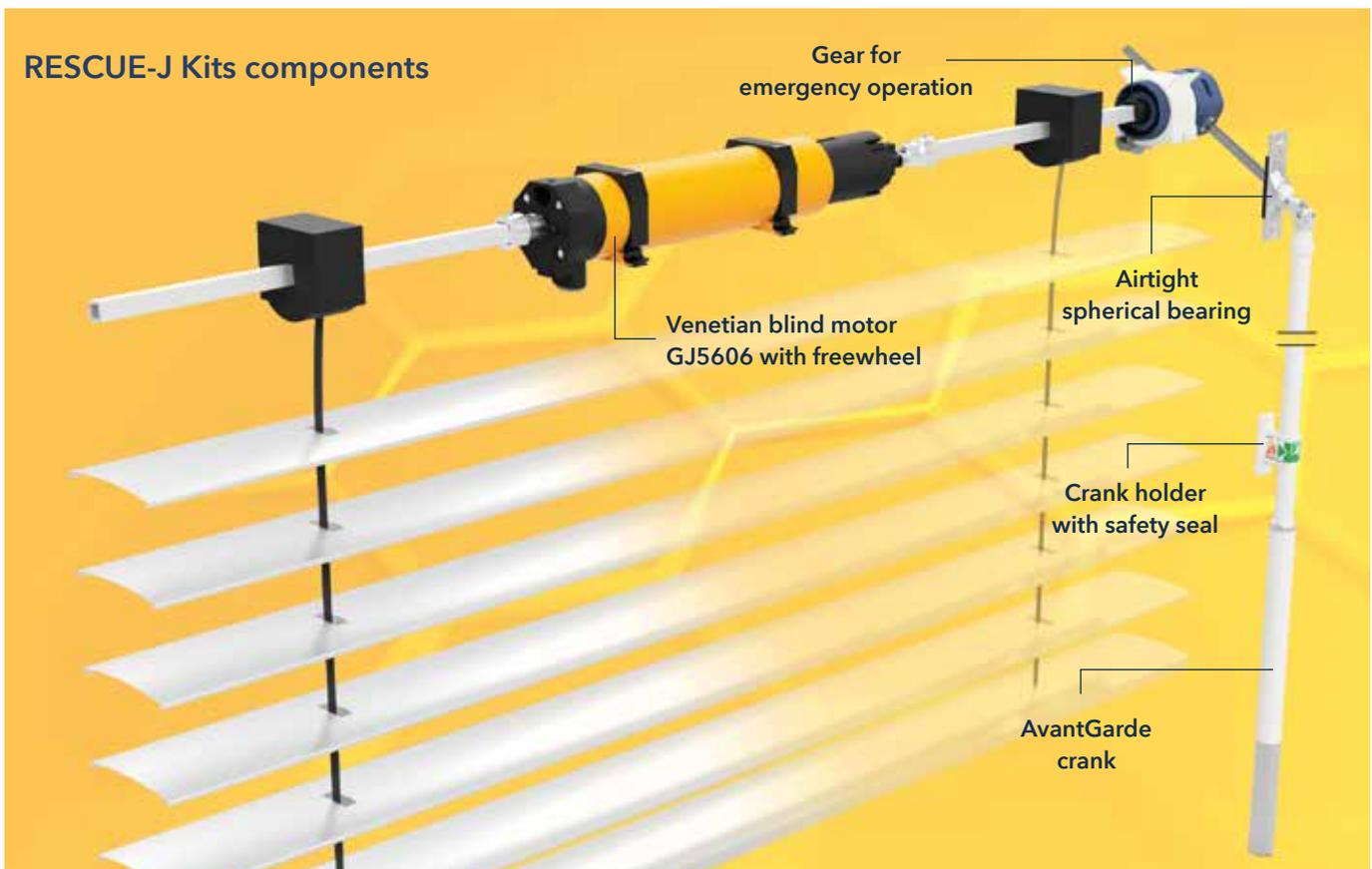
GEIGER relies on Germany as production location: the RESCUE-J components are developed and produced in Germany.

This situation allows an optimal combination of R & D, manufacturing processes and quality management.

Our clients benefit from:

- Low noise motors
- Low energy consumption, a big plus factor today
- Low heating of the engine and therefore an unusual long running time

GEIGER RESCUE-J - The reliable solution for the second emergency exit



RESCUE-J kits in overview

- ▶ **GJ5606 Venetian blind motor (6 Nm):** The basis is our mechanical Venetian blind motor, which has been tried and tested millions of times. Optimal and fast adjustment of the end positions with only two buttons.
- ▶ **Freewheel:** Solid freewheel made of extremely stable and durable plastic. The freewheel is designed for 50 emergency operations and guarantees reliable operation over the entire service life of the external Venetian blind system.
- ▶ **Bevel gear:** Proven components and modules ensure smooth operation. A patent application has been filed for the gear.
- ▶ **Airtight spherical bearing:** Prevents cold bridges and protects against draughts and condensation.
- ▶ **AvantGarde crank:** The elegant crank with concealed mechanism can be discreetly integrated into the room.

Operation in case of fire

RESCUE-J comes into action if the external Venetian blind cannot be opened electrically in the event of a fire. Simply pull the crank out of the holder, push the sleeve of the AvantGarde crank upwards and bend and turn the crank. The safety seal serves as a visual indication that the crank should only be operated in an emergency.

By operating the emergency hand crank vigorously, the freewheel is triggered and a regular clacking sound is heard.

Recommissioning

If the upper position was given by the overrun limit switch, no action is necessary when restarting the GJ5606 motor. If the upper end position was set to position and the sun protection was manually cranked over this position, the upper end position must be reset.

If the shutter has been opened with the crank, the crank should be turned a quarter of a turn in the opposite direction before being put back into operation in order to relieve the gear and prevent the crank from turning during motor operation.

Installation

Insert the motor with freewheel, dampers and the mounted coupling pieces into the top rail. Secure the motor with the clamping bracket/clamping bridge and lock it with the safety lever. Push the turning bars into the coupling pieces.

Insert the gear holder on the side and secure it with a screw if necessary. Insert the gear into the holder, paying attention to the alignment of the drive through. The suitable fastening of the spherical bearing plate must be checked and ensured.

If a specific direction of crank rotation is desired, the gear can be rotated axially by 180°.

NOTE: Operation by crank is only possible in the UP direction and is only intended for emergency operation.

RESCUE-J Kits – Set contents

Components	Kit 1 for 14 mm grooved tube	Kit 2 for 12 mm square tube
Part Nr.	M56F7000	M56F7001
Venetian blind motor GJ5606 with free-wheel and mounted coupling pieces for 14 mm grooved tube	•	–
Venetian blind motor GJ5606 with freewheel and mounted coupling pieces for 12 mm square tube	–	•
Connection cable, length = 0,5 m with STAS3	•	•
Extension for limit stop switch	•	•
Bevel gear 2:1, Output 14 mm grooved tube	•	–
Bevel gear 2:1, Output 12 mm square tube	–	•
Airtight spherical plain bearing, 90°, plate 22x85 mm	•	•
Aluminium crank AvantGarde, length = 1.200 mm	•	•
Plastic crank holder, RAL 9016	•	•
Safety seal	•	•

NOTE: Please note that the gear holder and the fastening set (damper and clamping bridge/clamping bracket) must be ordered separately, based on the dimensions of the top rail and axle height.

Technical data

Technical data GJ5606kj with mechanical end stop	
Voltage	230V~/50Hz
Current	0,40 A
Cos Phi (cosφ)	> 0,95
Inrush current (factor)	x 1,2
Power	93 W
Torque	6 Nm
Speed	26 rpm
Protection class	IP 54
Limit switch range	80 rotations
Operating mode	S2 4 min.
Total length	390 mm
Diameter	55 mm
Weight	ca. 1,60 kg

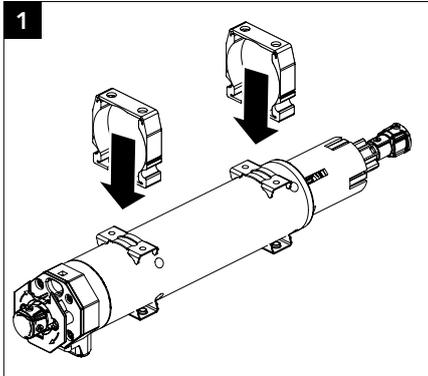
Blind specifications

Blind dimensions	
Max. blind surface	5,50 m ²
Max. height	3,00 m
Max. width	3,00 m

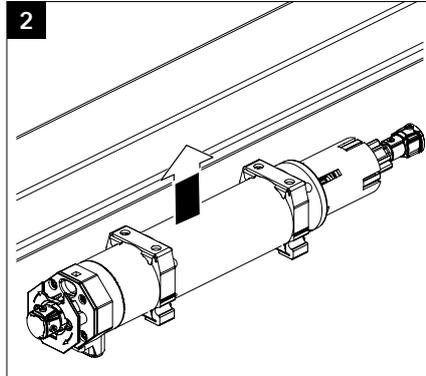
Maintenance and instructions

The system is maintenance-free. However, an annual test run is recommended to check the system. People living / working in the premises secured by RESCUE-J should be instructed in its operation.

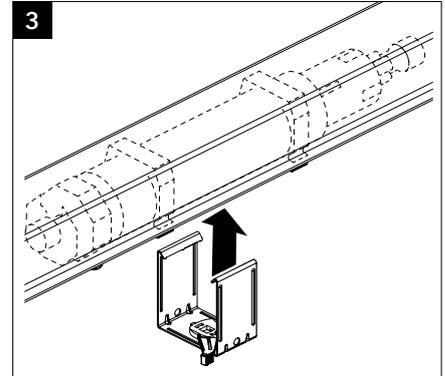
Assembly instructions



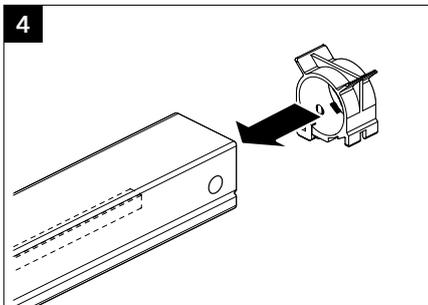
Check the tight fit of the freewheel. Slide the dampers over the drive until they engage on the mounting feet.



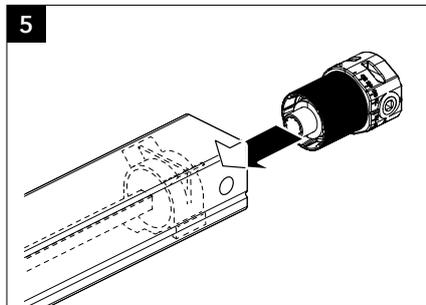
Push the motor with the dampers into the top rail.



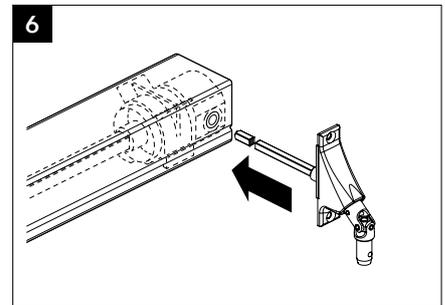
To secure the motor, slide the bracket over the top rails. Place the turning rods into the coupling pieces.



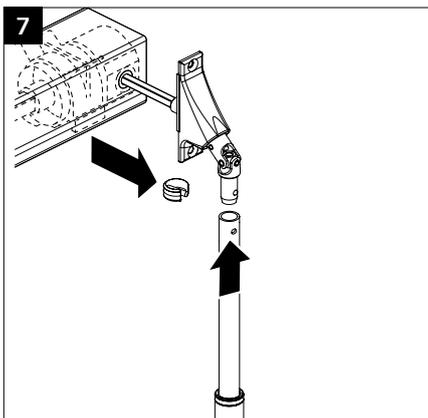
Slide the gear holder into the top rail.



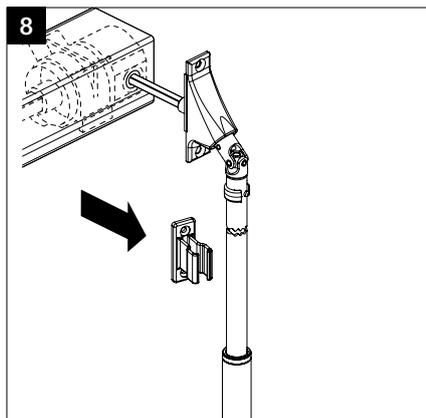
Slide the gear into the holder and lock the gear in place with the screw from below.
NOTE: Pay attention to the orientation of the gear output.



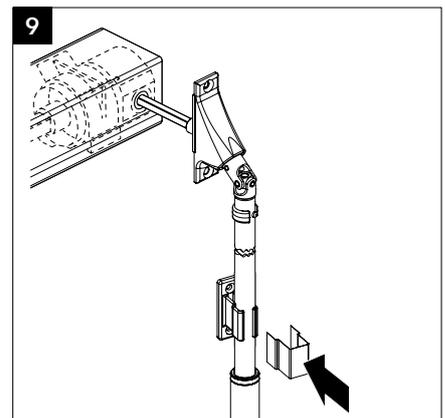
Insert the output bar of the airtight spherical bearing through the hole in the gear. Screw the spherical bearing to the wall with 2 screws (not included).



Slide the crank onto the trunion of the spherical bearing and secure it with the supplied safety clip.



Secure the crank holder to the wall with 2 screws (not included).



Secure the crank with the safety seal by sticking it over the holder.

Weitere Informationen



<https://www.geiger.de/info/0050003>

More information



<https://www.geiger.de/en/info/0050003>

Plus d'informations



<https://www.geiger.de/fr/info/0050003>