



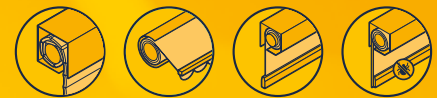
GEIGER SOLIDline Easy Radio

Product Datasheet



Table of Contents

Problem and Solution	1
Scope of Application	2
Special Features	2
Technical Data	3
Drawings	3
Radio and Control Accessories	4



SOLIDline Easy Radio - Easy Installation and High Comfort for Roller Shutters

With the new Easy Radio electronic limit stop, GEIGER has drastically simplified the commissioning of sun protection drives! The well-known and proven Easy technology has been made even simpler: no special setting cable required, no sequence to follow, and two setting options - simply Easy.

Problem and Solution

Efficiency during installation

- **Problem:** Due to frequent readjustment of the end positions during commissioning of roller shutters, the setting process often takes too long.
- ▶ **Solution:** The GEIGER SOLIDline Easy allows extremely fast and efficient learning: manually positioned or automatically (Plug & Play). This saves installation time - and thus real money.

Service life of the roller shutter system

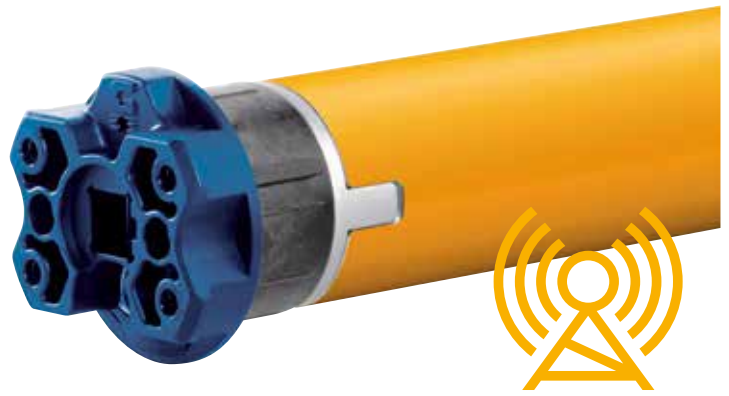
- **Problem:** Roller shutter systems are exposed to extreme conditions such as sun, wind, and temperature fluctuations. If the curtain is also kept under continuous tension by the drive, this can cause damage to the slats.
- ▶ **Solution:** The GEIGER SOLIDline Easy features an intelligent curtain protection function. It protects the curtain from avoidable overloads, ensuring that the roller shutter curtain retains its appearance and function for longer.

Everything from a single source

- **Problem:** Motors and accessories from different manufacturers are used, which in individual cases can lead to installation problems, poor winding behavior, or even damage.
- ▶ **Solution:** For the GEIGER SOLIDline Easy, we offer a wide range of mounting solutions and, if desired, the matching GEIGER lift-up protection.

SOLIDline Easy Radio

Electronic tubular
drive Ø 45 mm



Scope of application:



Roller shutters



Open articulated arm awnings



Screens



Insect protection systems

Special Features:

Soft Position



The curtain stops before reaching the upper end position to protect the materials.

Curtain Protection

The integrated, sensitive motor intelligence ensures that ...

■ Freeze Protection

... curtains that have frozen to the windowsill are detected and not torn off.



■ Obstacle Detection in UP Direction

... the system is protected during retraction.



Synchronized Position



Even with different curtain widths or heights, a consistent shut-off behavior is ensured. No more roller shutters hanging at different heights in the upper end position.

Operation



The motor can be operated via a hand-held transmitter or alternatively via a wall switch (wired).

Burglar Resistance

Through constant torque shut-off in the DOWN direction, the roller shutter can provide its burglar-resistant function (only in combination with lift-up protection devices).

Referencing



Every 50 cycles, a reference run is performed to verify whether the end positions are correct. For this, the curtain is driven upwards until the motor shuts off due to torque. The end positions are thus checked and, if necessary, corrected.

GEIGER Radio



The unidirectional radio system offers long range and ensures secure communication with remote receivers.

Product Advantages:

- Electronic limit stop
- Automatic detection of left/right installation
- Can be connected in parallel
- Pluggable connection cable available in various lengths

Notes:

- Do not use switches with simultaneous UP/DOWN commands
- End positions can be programmed using any setting cable. Any setting cable with a programming button or one that allows a simultaneous UP/DOWN command can be used.

Options:

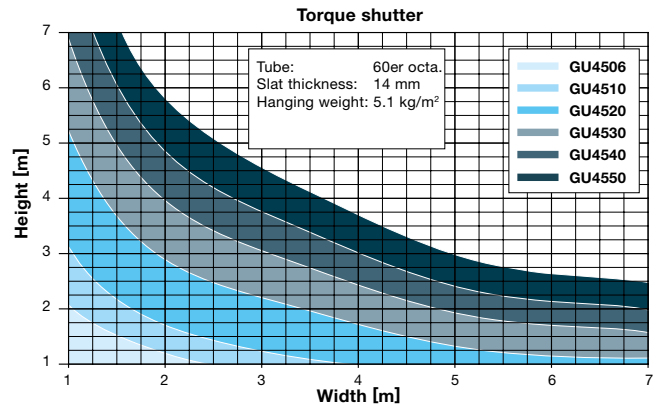
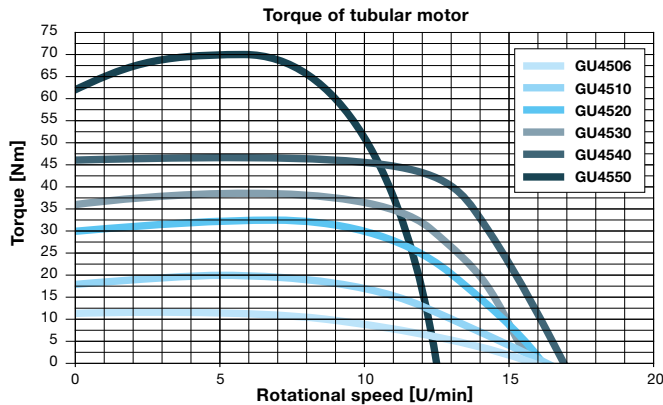
- Available with SOC or COM head
- Available as a high-speed version on request

End position setting:

UP	*At the end	DOWN	*At the end
	To position		To position

* Stoppers and lift-up protection/rigid shaft connectors

Technical data:



Technical Data - Tubular Motor SOLIDline-SOC (GU45..)					
	GU4510	GU4520	GU4530	GU4540	GU4550
Voltage	230V~/50Hz				
Current	0,47 A	0,63 A	0,8 A	1,0 A	1,0 A
Cos Phi (cosφ)	>0,95				
Inrush Current (factor)	x 1,2				
Power	105 W	140 W	180 W	220 W	220 W
Torque	10 Nm	20 Nm	30 Nm	40 Nm	50 Nm
Speed	16 rpm	16 rpm	16 rpm	16 rpm	12 rpm
Limit Switch Range	> 200 Revolutions				
Protection Class	IP 44				
Radio Frequency	433 MHz				
Total Length [l] ¹⁾	519,5 mm	549,5 mm	569,5 mm	589,5 mm	589,5 mm
Mode of Operation	S2 4 min	S2 5 min	S2 4 min	S2 4 min	S2 4 min
Sound Pressure Level ²⁾	39 dB(A)	41 dB(A)	41 dB(A)	43 dB(A)	-
Diameter	45 mm				
Weight	ca. 1,90 kg	ca. 2,20 kg	ca. 2,40 kg	ca. 2,70 kg	ca. 2,70 kg
Ambient Humidity	Dry, non-condensing				
Storage Temperature	T = -15°C .. +70°C				

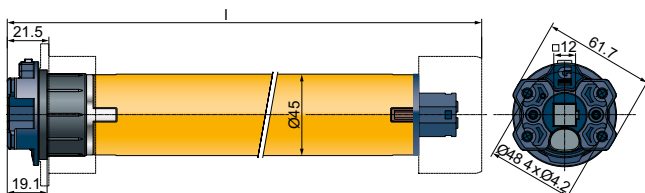
1) SOLIDline-COM + 0,5 mm

2) The information on the average sound pressure level is for guidance only. The values were recorded by GEIGER under no-load conditions with the drive freely suspended, measured at a distance of 1 m, and averaged over 10 seconds. The measurement is not based on any specific test standard.

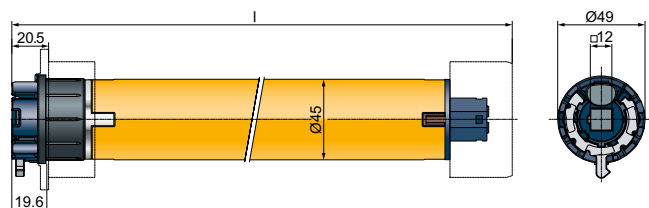
Technical modifications reserved. For information on the ambient temperature range of GEIGER motors, please refer to www.geiger.de.

Drawings:

SOC:



COM:



Radio and control accessories

Hand-held transmitter GFB00.

Elegant and compact 1-channel hand-held transmitter with a high-gloss surface for indoor use.

Features:

	GFB001	GFB002
Color	<input type="checkbox"/> White	<input checked="" type="checkbox"/> Black
Channel	1	

Holder for hand-held transmitter GFB00.

	GFB003	GFB004
Color	<input type="checkbox"/> White	<input checked="" type="checkbox"/> Black

Comfortable 15-channel hand-held transmitter with timer GFB0..

Elegant 15-channel hand-held transmitter with a high-gloss surface for indoor use.

- Any number of receivers can be assigned to these 15 channels
- Large buttons for easy navigation and intuitive operation
- Multi-function buttons for executing the functions shown on the display
- Total Control: Synchronous control of channels 1 to 15

Features:

	GFB011	GFB012	GFB021	GFB022
Color	<input type="checkbox"/> White	<input checked="" type="checkbox"/> Black	<input type="checkbox"/> White	<input checked="" type="checkbox"/> Black
Total Control function	-	-	Yes	Yes
Channels	15			
Timer	6 timers per channel			

Holder for Comfort 15-channel hand-held transmitter GFB0..

	GFB013	GFB014
Color	<input type="checkbox"/> White	<input checked="" type="checkbox"/> Black

Vibration Sensor GRE40.

External vibration sensor for protecting your sun protection system.

- Discreet installation in the front profile of the awning
- Screwless installation using high-quality adhesive strip
- Sensitivity adjustable in 10 levels
- Easy commissioning via pairing

Variants GRE40.

	GRE400	GRE401
Color	<input checked="" type="checkbox"/> Black	<input type="checkbox"/> White

