



## GEIGER GJ56..

### Product Datasheet



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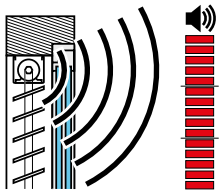
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## WITH MECHANICAL OR ELECTRONIC LIMIT STOP

### Venetian blind motor series GJ56..

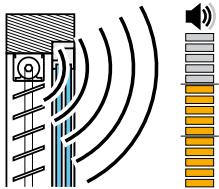
Our electric motors GJ56.. with mechanical limit stop and GJ56.. E with electronic limit stop have proved successful in daily use millions of times. Both drives are characterized by their reliable and proven components, the safe and quick installation in all standard head rails and the optimum torque values.

#### GJ56.. - Noise reduction



##### Standard Venetian blind motors

In the past, higher priority was usually given to functionality rather than to the sound power level of the motor.



##### GJ56..

##### Noise-optimized gear through:

- ▶ Application of new materials
- ▶ New material combinations
- ▶ Optimized processing quality

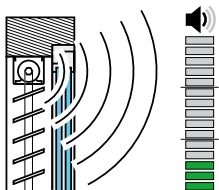
These measures allowed us to reduce the sound pressure level up to 6 dB(A).

##### Advantages:

- ▶ Better running smoothness
- ▶ Lower noise emission level on the facade
- ▶ Lower noise emission level inside the room
- ▶ The motors are designed so that the low noise level is maintained throughout their lifetime.

Available up to 10 Nm.

#### GJ56..-SILENT



##### GJ56.. with Silent Brake for indoor use

The GJ56.. brake which has proven its reliability millions of times has been optimized through further technical development so that the switching operation is now noticeably quieter.

##### Your advantage:

- ▶ Lower noise emission level on the facade when starting/stopping the motor
- ▶ Lower noise emission level inside the room
- ▶ Switching noise offering now a quite pleasant sound quality

Suitable for all electronic and mechanical motors between 3 and 10 Nm.

The GJ56.. drives with Silent Brake are only suitable for indoor use.

## GJ56.. with mechanical end stop

The Geiger GJ56.. with mechanical end stop have proved their quality millions of times and are operated worldwide with Venetian blinds.

### Advantages:

- ▶ Safe adjustment of the end stops with self-locking push-buttons
- ▶ Limit switch range: 80 rotations
- ▶ Safe fitting in all current head rails - no tools needed
- ▶ Pluggable connection cable
- ▶ Available with 3, 6, 10, 16 and 20 Nm torque



### Technical data GJ56.. with mechanical end stop (standard)

	GJ5603k	GJ5606k	GJ5610	GJ5620
<b>Voltage</b>	230V~/50 Hz	230V~/50 Hz	230V~/50 Hz	230V~/50 Hz
<b>Current</b>	0,40 A	0,40 A	0,60 A	0,85 A
<b>Cos Phi (cosφ)</b>	> 0,95	> 0,95	> 0,95	> 0,95
<b>Inrush current (factor)</b>	x 1,2	x 1,2	x 1,2	x 1,2
<b>Power</b>	90 W	93 W	135 W	190 W
<b>Torque</b>	3 Nm	6 Nm	10 Nm	2 x 10 Nm
<b>Speed</b>	26 1/min	26 1/min	26 1/min	26 1/min
<b>Protection class</b>	IP 54	IP 54	IP 54	IP 54
<b>Limit switch range</b>	80 rotations	80 rotations	80 rotations	80 rotations
<b>Operating mode</b>	S2 4 min	S2 4 min	S2 4 min	S2 4 min
<b>Sound pressure level <sup>1)</sup></b>	34 dB(A)	34 dB(A)	35 dB(A)	40 dB(A)
<b>Total length</b>	299 mm	299 mm	309 mm	336 mm
<b>Diameter</b>	55 mm	55 mm	55 mm	55 mm
<b>Weight</b>	approx 1,50 kg	approx 1,50 kg	approx 1,70 kg	approx 2,20 kg

### Technical data GJ56.. with mechanical end stop (run-time optimized version)

	GJ5606	GJ5616 <sup>3)</sup>	Special model GS5624 <sup>3)</sup>
<b>Voltage</b>	230V~/50 Hz	230V~/50 Hz	230V~/50 Hz
<b>Current</b>	0,40 A	0,70 A	0,40 A
<b>Cos Phi (cosφ)</b>	> 0,95	> 0,95	> 0,95
<b>Inrush current (factor)</b>	x 1,2	x 1,2	x 1,2
<b>Power</b>	90 W	150 W	90 W
<b>Torque</b>	6 Nm	2 x 8 Nm	2 x 12 Nm
<b>Speed</b>	26 1/min	26 1/min	5 1/min
<b>Protection class</b>	IP 54	IP 54	IP 54
<b>Limit switch range</b>	80 rotations	80 rotations	80 rotations
<b>Operating mode</b>	S2 6 min	S2 6 min	S2 6 min
<b>Sound pressure level <sup>1)</sup></b>	34 dB(A)	40 dB(A)	-
<b>Total length</b>	304 mm	336 mm	311 mm
<b>Diameter</b>	55 mm	55 mm	55 mm
<b>Weight</b>	approx 1,60 kg	approx 2,20 kg	approx 1,70 kg

Subject to technical modifications



<sup>1)</sup> The average sound pressure level data are intended for guidance only. The values were determined by Geiger at a distance of 1 m, with a hanging motor at idle speed and averaged over 10 seconds. There is no reference to any specific test standard.

<sup>2)</sup> NF and CCC certificates on request

<sup>3)</sup> Without VDE certificate