



This instruction applies for all LINNIG shutting-speed regulators of the SB3.1.X series without locking device as well as

for all shutting-speed regulators with locking device of the SB3.3.X series.

X designates the respective output variant (deflection pulley, chain gear, etc.).



**Inspection Certificates and Permits:**

Shutting-speed regulator without locking device:

General construction inspection certificate No. P-12001113

Shutting-speed regulator with additional locking device:

General construction inspection certificate No. Z-6.5-21650

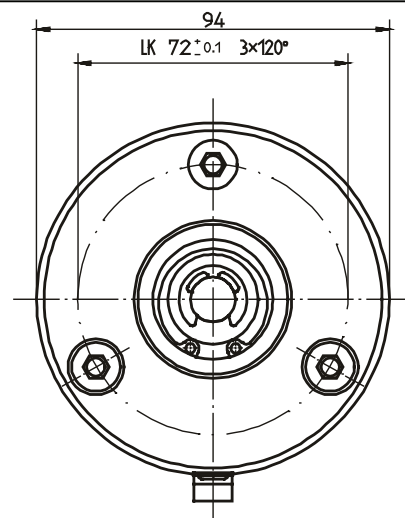
The provisions listed in these documents are generally to be observed. Diverging built-in components are subject to special permission.

The appropriate documents can be requested from the LINNIG Antriebstechnik GmbH, Riedheimerstr. 5, D-88677 Markdorf.

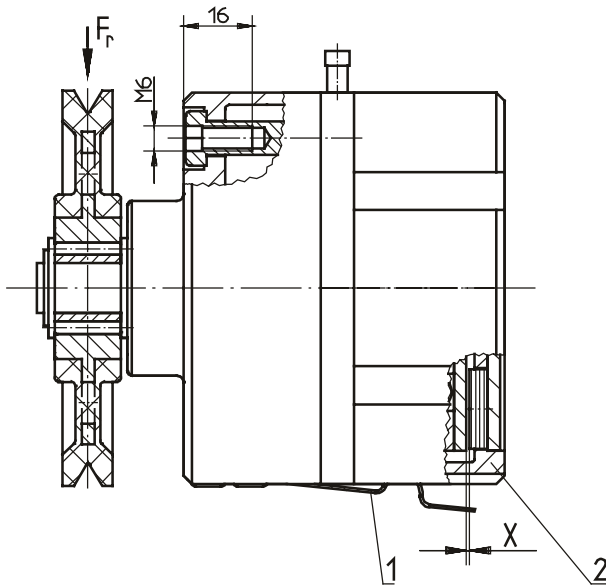
The shutting-speed regulators are used with single-wing and double-wing fire-resistant sliding doors and gates, and have the purpose of enabling the shutting procedure at a constant, adjustable speed. Depending on the series and requirements, the units are equipped with an integrated electromagnetical locking device for keeping the final closure in the open position.

The shutting-speed regulators are fastened to the corresponding holder with three M6 screws. The hole pattern for drilling is identical for all versions. Deflection pulley, chain wheel, etc. are to be disassembled for this as required.

The output elements (deflection pulley, chain wheel, etc.) are all equipped with a free wheel. In order to change the direction of rotation, it is required to disassemble the output element from the shaft, change it by 180° and mount it again.



**Mounting may be carried out only through instructed skilled personnel.**



Changing the air gap “X” also changes the braking force. This leads to a change of the shutting speed. The air gap can be adjusted in steps of 0.125 mm. For this, disengage the spring clip (1) out of the groove. Adjust the required speed by rotating the threaded cover (2). Afterwards, allow spring clip (1) to engage into groove again.

	Fr max.	Voltage, Locking Device	Power Input, Locking Device	Max. Holding Torque, Locking Device (1)	Max. Perm. Shutting Force in Traction Rope	Perm. Weight of Wing Gates	Perm. Weight of Wing Doors
SB3.1.X	750N	-	-	-	150N	1000kg	1000kg
SB3.3.X	750N	24 V	2.15W ±10%	8.9Nm	150N	1000kg	1000kg

(1) = Holding torque measured at output shaft.

Electrically protected to IP50